

Form 3160-3  
(June 2015)FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

|                                                                                                                                                   |                                   |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------|
| 1a. Type of work: <input type="checkbox"/> DRILL <input type="checkbox"/> REENTER                                                                 |                                   | 5. Lease Serial No.                           |
| 1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                              |                                   | 6. If Indian, Allottee or Tribe Name          |
| 1c. Type of Completion: <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone |                                   | 7. If Unit or CA Agreement, Name and No.      |
| 2. Name of Operator                                                                                                                               |                                   | 8. Lease Name and Well No.                    |
| 3a. Address                                                                                                                                       | 3b. Phone No. (include area code) | 9. API Well No.                               |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *)<br>At surface<br>At proposed prod. zone            |                                   | 10. Field and Pool, or Exploratory            |
| 14. Distance in miles and direction from nearest town or post office*                                                                             |                                   | 11. Sec., T. R. M. or Blk. and Survey or Area |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)                             |                                   | 12. County or Parish                          |
| 16. No of acres in lease                                                                                                                          |                                   | 13. State                                     |
| 17. Spacing Unit dedicated to this well                                                                                                           |                                   |                                               |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.                                        |                                   |                                               |
| 19. Proposed Depth                                                                                                                                |                                   |                                               |
| 20. BLM/BIA Bond No. in file                                                                                                                      |                                   |                                               |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.)                                                                                               |                                   |                                               |
| 22. Approximate date work will start*                                                                                                             |                                   |                                               |
| 23. Estimated duration                                                                                                                            |                                   |                                               |
| 24. Attachments                                                                                                                                   |                                   |                                               |

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- |                                                                                                                                                |                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor.                                                                                               | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.                                                                                                                            | 5. Operator certification.                                                                      |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be requested by the BLM.            |

|                         |                      |      |
|-------------------------|----------------------|------|
| 25. Signature           | Name (Printed/Typed) | Date |
| Title                   |                      |      |
| Approved by (Signature) | Name (Printed/Typed) | Date |
| Title                   |                      |      |
| Office                  |                      |      |

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)



Approval Date: 06/07/2024

## Additional Operator Remarks

### Location of Well

0. SHL: NWSE / 2275 FSL / 2354 FEL / TWSP: 23S / RANGE: 30E / SECTION: 23 / LAT: 32.2894605 / LONG: -103.8505907 ( TVD: 0 feet, MD: 0 feet )  
PPP: SWNE / 2540 FNL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 23 / LAT: 32.2907485 / LONG: -103.847374 ( TVD: 11154 feet, MD: 11431 feet )  
PPP: NWSE / 1321 FSL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 11 / LAT: 32.3158914 / LONG: -103.8473588 ( TVD: 11180 feet, MD: 18974 feet )  
PPP: SWSE / 1 FSL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 14 / LAT: 32.2977302 / LONG: -103.8473928 ( TVD: 11180 feet, MD: 12374 feet )  
PPP: SWSE / 1 FSL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 11 / LAT: 32.3122595 / LONG: -103.8473633 ( TVD: 11180 feet, MD: 17654 feet )  
PPP: SWNE / 2643 FNL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 11 / LAT: 32.3195234 / LONG: -103.8473589 ( TVD: 11180 feet, MD: 20294 feet )  
BHL: NWNE / 50 FNL / 1359 FEL / TWSP: 23S / RANGE: 30E / SECTION: 11 / LAT: 32.3266512 / LONG: -103.8473455 ( TVD: 11180 feet, MD: 24486 feet )

### BLM Point of Contact

Name: JANET D ESTES  
Title: ADJUDICATOR  
Phone: (575) 234-6233  
Email: JESTES@BLM.GOV

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazon Road, Artec, NM 87410  
District IV  
1220 S. St Francis Dr., NM 87505  
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                    |                                                      |                                                    |
|------------------------------------|------------------------------------------------------|----------------------------------------------------|
| <sup>1</sup> API Number<br>30-015- | <sup>2</sup> Pool Code<br>98358                      | <sup>3</sup> Pool Name<br>WC23S30E; Wolfcamp (Gas) |
| <sup>4</sup> Property Code         | <sup>5</sup> Property Name<br>THUNDERDOME FED COM    | <sup>6</sup> Well Number<br>708H                   |
| <sup>7</sup> OGRID No.<br>217817   | <sup>8</sup> Operator Name<br>CONOCOPHILLIPS COMPANY | <sup>9</sup> Elevation<br>3,261.09'                |

<sup>10</sup> Surface Location

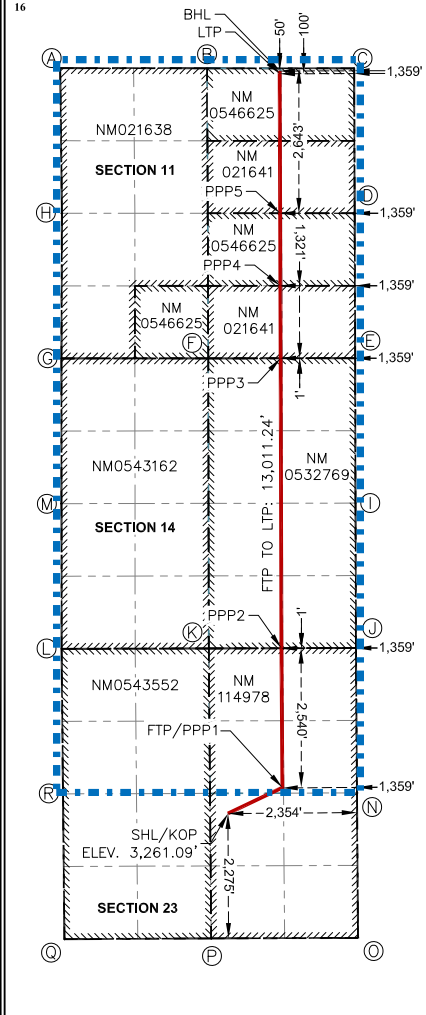
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 23      | 23-S     | 30-E  |         | 2,275'        | SOUTH            | 2,354'        | EAST           | EDDY   |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B             | 11      | 23-S     | 30-E  |         | 50'           | NORTH            | 1,359'        | EAST           | EDDY   |

|                                       |                               |                                         |                         |
|---------------------------------------|-------------------------------|-----------------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>1600 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code<br>Com | <sup>15</sup> Order No. |
|---------------------------------------|-------------------------------|-----------------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

|                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                  | <b>SURFACE HOLE LOCATION / KICK OFF POINT</b><br>2,275' FSL & 2,354' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:469,374.14'<br>EAST:690,510.67'<br>LAT:32.28946051<br>LONG:-103.85059072 | <b>CORNER COORDINATES</b><br>NEW MEXICO EAST-NAD 83<br>A-CALCULATED CORNER<br>N-482,961.73' E-687,453.38'<br>B-FOUND IRON ROD W/ CAP<br>N-482,959.45' E-690,132.18'<br>C-FOUND IRON ROD W/ CAP<br>N-482,957.17' E-692,810.98'<br>D-FOUND 1" MONUMENT<br>N-480,315.20' E-692,820.19'<br>E-FOUND 1" MONUMENT<br>N-477,674.32' E-692,829.39'<br>F-FOUND BENT IRON ROD W/ CAP<br>N-477,671.15' E-690,152.19'<br>G-FOUND BENT IRON ROD W/ CAP<br>N-477,669.34' E-687,475.07'<br>H-CALCULATED CORNER<br>N-480,315.52' E-687,485.82'<br>I-FOUND 1" MONUMENT<br>N-475,033.03' E-692,835.76'<br>J-FOUND IRON ROD W/ CAP<br>N-472,390.77' E-692,844.23'<br>K-FOUND BENT IRON ROD W/ CAP<br>N-472,383.40' E-690,160.90'<br>L-FOUND IRON ROD W/ CAP<br>N-472,376.50' E-687,475.50'<br>M-CALCULATED CORNER<br>N-475,022.92' E-687,477.28'<br>N-FOUND IRON ROD W/ CAP<br>N-469,750.12' E-692,862.25'<br>O-CALCULATED CORNER<br>N-467,108.30' E-692,881.70'<br>P-FOUND IRON ROD W/ CAP<br>N-467,097.40' E-690,206.20'<br>Q-FOUND IRON ROD W/ CAP<br>N-467,084.70' E-687,530.34'<br>R-FOUND BENT IRON ROD W/ CAP<br>N-469,732.12' E-687,504.28' |
|                                                                                                                                                                   | <b>PENETRATION POINT 1</b><br>2,540' FNL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:469,847.20'<br>EAST:691,502.55'<br>LAT:32.29074853<br>LONG:-103.84737404                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>PENETRATION POINT 3</b><br>1' FSL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:477,672.71'<br>EAST:691,470.39'<br>LAT:32.31225950<br>LONG:-103.84736334     | <b>PENETRATION POINT 4</b><br>1,321' FSL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:478,993.99'<br>EAST:691,465.79'<br>LAT:32.31589146<br>LONG:-103.84735886                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>PENETRATION POINT 5</b><br>2,643' FNL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:480,315.28'<br>EAST:691,461.18'<br>LAT:32.31952341<br>LONG:-103.84735437 | <b>LAST TAKE POINT</b><br>100' FNL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:482,858.32'<br>EAST:691,452.32'<br>LAT:32.32651376<br>LONG:-103.84734572                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>BOTTOM HOLE LOCATION</b><br>50' FNL & 1,359' FEL<br>NEW MEXICO EAST-NAD 83<br>NORTH:482,908.32'<br>EAST:691,452.14'<br>LAT:32.32665120<br>LONG:-103.84734555   |                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Stan Wagner* 10/10/2023

Signature Date

Stan Wagner Date

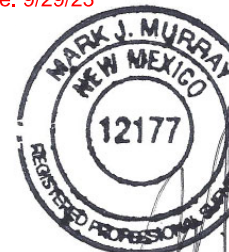
Printed Name Date

Email Address Date

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date: 9/29/23



MARK J. MURRAY P.L.S. NO. 12177

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit Electronically  
Via E-permitting

## NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

### Section 1 – Plan Description

Effective May 25, 2021

**I. Operator:** ConocoPhillips Company

**OGRID:** 217817

**Date:** 10/10/2023

**II. Type:** ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                    | API     | ULSTR        | Footages            | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|------------------------------|---------|--------------|---------------------|-----------------------|-----------------------|----------------------------------|
| Thunderdome Federal Com 706H | 30-015- | J-23-23S-30E | 2275 FSL & 2414 FEL | ± 1091                | ± 3230                | ± 4172                           |
| Thunderdome Federal Com 707H | 30-015- | J-23-23S-30E | 2275 FSL & 2384 FEL | ± 1091                | ± 3230                | ± 4172                           |
| Thunderdome Federal Com 708H | 30-015- | J-23-23S-30E | 2275 FSL & 2354 FEL | ± 1091                | ± 3230                | ± 4172                           |
| Thunderdome Federal Com 709H | 30-015- | J-23-23S-30E | 2275 FSL & 2324 FEL | ± 1091                | ± 3230                | ± 4172                           |
| Thunderdome Federal Com 710H | 30-015- | J-23-23S-30E | 2275 FSL & 2294 FEL | ± 908                 | ± 2788                | ± 3471                           |

**IV. Central Delivery Point Name:** TBD CTB NENW 23-23S-30E [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name                    | API     | Spud Date   | TD Reached Date     | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|------------------------------|---------|-------------|---------------------|------------------------------|------------------------|-----------------------|
| Thunderdome Federal Com      | Pending | ± 10/1/2024 | ± 25 days from spud | TBD                          | TBD                    | TBD                   |
| 706H, 707H, 708H, 709H, 710H |         |             |                     |                              |                        |                       |

**VI. Separation Equipment:** ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:** ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:** ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

**Section 2 – Enhanced Plan**  
**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

**IX. Anticipated Natural Gas Production:**

| Well | API | Anticipated Average Natural Gas Rate MCF/D | Anticipated Volume of Natural Gas for the First Year MCF |
|------|-----|--------------------------------------------|----------------------------------------------------------|
|      |     |                                            |                                                          |
|      |     |                                            |                                                          |

**X. Natural Gas Gathering System (NGGS):**

| Operator | System | ULSTR of Tie-in | Anticipated Gathering Start Date | Available Maximum Daily Capacity of System Segment Tie-in |
|----------|--------|-----------------|----------------------------------|-----------------------------------------------------------|
|          |        |                 |                                  |                                                           |
|          |        |                 |                                  |                                                           |

**XI. Map.** ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:** ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

**Section 3 - Certifications****Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.** ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.** ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

**Section 4 - Notices**

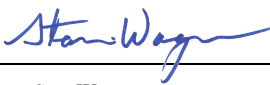
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| Signature:      |
| Printed Name: Stan Wagner                                                                        |
| Title: Regulatory Advisor                                                                        |
| E-mail Address: stan.s.wagner@conocophillips.com                                                 |
| Date: 10/10/2023                                                                                 |
| Phone: 432-253-9685                                                                              |
| <b>OIL CONSERVATION DIVISION</b><br><b>(Only applicable when submitted as a standalone form)</b> |
| Approved By:                                                                                     |
| Title:                                                                                           |
| Approval Date:                                                                                   |
| Conditions of Approval:                                                                          |

## VI. Separation Equipment

How Operator will size separation equipment to optimize gas capture:

All ConocoPhillips production facility equipment will be sized per industry standards (API 12J) with adequate retention time to effectively separate all phases of production. Each project will take into consideration the number of wells and type curves for each formation pool to ensure adequate facility capacity. Design considerations will also include review of all piping, tanks, VRU's and associated equipment to ensure optimized gas capture minimized risk of release.

## VII. Operational Practices

Actions Operator will take to comply with the requirements below:

### B. Drilling Operations

- During drilling, flare stacks will be located a minimum of 100 feet from the nearest surface hole location. All gas is captured or combusted. If an emergency or malfunction occurs, gas will be flared or vented for public health, safety, and the environment and be properly reported to the NMOCD pursuant to 19.15.27.8.G.
- Measure or estimate the volume of natural gas that is vented, flared or beneficially used during drilling, completion and production operations, regardless of the reason or authorization for such venting or flaring.

### C. Completion Operations

- During completion operations, operator does not produce oil or gas but maintains adequate well control through completion operations.
- Individual well test separators will be set to properly separate gas and liquids. A temporary test separator will be utilized initially to process volumes. In addition, separators will be tied into flowback tanks which will be tied into the gas processing equipment for sales down a pipeline.

### D. Venting and flaring during production operations

- During each phase of well life (drilling, completion and production) of a ConocoPhillips well, COP personnel will follow all necessary procedures to ensure both the operation and the equipment are within the NMAC 19.15.27.8 Subsection D guidelines.
- During well operations that require unloading of the well to atmospheric pressure, all reasonable actions will be taken to minimize vented gas
- Through the life of the well all flaring shall be measured, and venting events quantified using the data available and industry best practice.

### E. Performance standards for separation, storage tank and flare equipment

- All storage tanks and separation equipment are designed minimize risk of liquid or vapor release and optimize gas capture. This includes automation for automatic gauging and pressure monitoring.

- All flare stacks are equipped with auto ignition devices and/or continuous pilots and are designed to operate at maximum combustion efficiency pursuant NMAC 19.15.27.8 Subsection E. Flares will follow COP spacing guidelines to ensure they are a safe distance from combustibles and operations equipment.
- COP personnel will conduct routine AVO inspections on a regular basis per NMAC 19.15.27.8 Subsection E guidelines.

F. Measurement of vented and flared natural gas.

- Measurement equipment will be installed to quantify gas flared during drilling, completion and production of the well.
- All measurement devices installed will meet accuracy ratings per AGA and API standards.
- Measurement devices will be installed without manifolds that allow diversion of gas around the metering element, except for the sole purpose of inspection of servicing the measurement device.

**VIII. Best Management Practices**

- Operator will curtail or shut in production, within reasonable limits, during upset conditions to minimize venting and flaring.
- When feasible, Operator will use equipment to capture gas that would otherwise be vented or flared.
- During completions and production operations Operator will minimize blowdowns to atmosphere
- When feasible, Operator will use electric or air actuated equipment to reduce bleed emissions

## COG Operating, LLC - Thunderdome Fed Com #708H

## 1. Geologic Formations

|               |             |                               |      |
|---------------|-------------|-------------------------------|------|
| TVD of target | 11,180' EOL | Pilot hole depth              | NA   |
| MD at TD:     | 24,486'     | Deepest expected fresh water: | 103' |

| Formation            | Depth (TVD)<br>from KB | Water/Mineral Bearing/<br>Target Zone? | Hazards* |
|----------------------|------------------------|----------------------------------------|----------|
| Quaternary Fill      | Surface                | Water                                  |          |
| Rustler              | 375                    | Water                                  |          |
| Top of Salt          | 490                    | Salt                                   |          |
| Base of Salt         | 3609                   | Salt                                   |          |
| Lamar                | 3833                   | Salt Water                             |          |
| Bell Canyon          | 3848                   | Salt Water                             |          |
| Brushy Canyon        | 5297                   | Oil/Gas                                |          |
| Bone Spring Lime     | 7719                   | Oil/Gas                                |          |
| 1st Bone Spring Sand | 8737                   | Oil/Gas                                |          |
| 2nd Bone Spring Sand | 9397                   | Oil/Gas                                |          |
| 3rd Bone Spring Sand | 10687                  | Oil/Gas                                |          |
| Wolfcamp A           | 11240                  | Target                                 |          |
| Wolfcamp B           | 11560                  | Not Penetrated                         |          |
|                      |                        |                                        |          |
|                      |                        |                                        |          |

## 2. Casing Program

| Hole Size                 | Casing Interval |        | Csg. Size | Weight<br>(lbs) | Grade    | Conn. | SF<br>Collapse | SF Burst | SF<br>Body         | SF<br>Joint        |
|---------------------------|-----------------|--------|-----------|-----------------|----------|-------|----------------|----------|--------------------|--------------------|
|                           | From            | To     |           |                 |          |       |                |          |                    |                    |
| 17.50"                    | 0               | 400    | 13.375"   | 54.5            | J55      | BTC   | 6.17           | 19.09    | 39.13              | 41.70              |
| 12.25"                    | 0               | 3795   | 10.75"    | 45.5            | J55      | BTC   | 1.25           | 1.84     | 6.35               | 6.02               |
| 9.875"                    | 0               | 7400   | 7.625"    | 29.7            | L80-ICY  | BTC   | 1.74           | 1.19     | 3.30               | 3.34               |
| 8.750"                    | 7400            | 10550  | 7.625"    | 29.7            | P110 ICY | W513  | 1.31           | 1.54     | 3.00               | 1.78               |
| 6.75"                     | 0               | 10050  | 5.5"      | 23              | P110 CY  | BTC   | 2.23           | 2.63     | 3.15               | 3.13               |
| 6.75"                     | 10050           | 24,486 | 5.5"      | 23              | P110 CY  | W441  | 2.00           | 2.36     | 2.84               | 2.75               |
| BLM Minimum Safety Factor |                 |        |           |                 |          |       | 1.125          | 1        | 1.6 Dry<br>1.8 Wet | 1.6 Dry<br>1.8 Wet |

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface and

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

The 5 1/2" wedge casing will be run back 200' into the intermediate casing to ensure the coupling OD clearance is greater than .422" for the cement bond tie in.

## COG Operating, LLC - Thunderdome Fed Com #708H

|                                                                                                                                                  | Y or N |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Is casing new? If used, attach certification as required in Onshore Order #1                                                                     | Y      |
| Does casing meet API specifications? If no, attach casing specification sheet.                                                                   | Y      |
| Is premium or uncommon casing planned? If yes attach casing specification sheet.                                                                 | Y      |
| Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria). | Y      |
| Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?                | Y      |
|                                                                                                                                                  |        |
| Is well located within Capitan Reef?                                                                                                             | N      |
| If yes, does production casing cement tie back a minimum of 50' above the Reef?                                                                  |        |
| Is well within the designated 4 string boundary?                                                                                                 |        |
|                                                                                                                                                  |        |
| Is well located in SOPA but not in R-111-P?                                                                                                      | N      |
| If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back 500' into previous casing?                       |        |
|                                                                                                                                                  |        |
| Is well located in R-111-P and SOPA?                                                                                                             | Y      |
| If yes, are the first three strings cemented to surface?                                                                                         | N      |
| Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?                                                                               | Y      |
|                                                                                                                                                  |        |
| Is well located in high Cave/Karst?                                                                                                              | N      |
| If yes, are there two strings cemented to surface?                                                                                               |        |
| (For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?                                                           |        |
|                                                                                                                                                  |        |
| Is well located in critical Cave/Karst?                                                                                                          | N      |
| If yes, are there three strings cemented to surface?                                                                                             |        |

## COG Operating, LLC - Thunderdome Fed Com #708H

## 3. Cementing Program

| Casing  | # Sk | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description                            |
|---------|------|----------------|------------------|-------------------------|-----------------------------------|-----------------------------------------------|
| Surf    | 238  | 13.5           | 1.75             | 9                       | 12                                | Lead: Class C + 4% Gel + 1% CaCl <sub>2</sub> |
|         | 250  | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C + 2% CaCl <sub>2</sub>          |
| Inter 1 | 474  | 12.4           | 2.26             | 12.84                   | 12                                | Lead: Class C + 5% Gel + 1% CaCl <sub>2</sub> |
|         | 250  | 14.8           | 1.2              | 5.35                    | 8                                 | 50:50 Class H Premium                         |
| Inter 2 |      |                |                  |                         |                                   |                                               |
|         | 528  | 14.8           | 1.35             | 6.6                     | 8                                 | Tail: Class H - Single Slurry                 |
| Prod    |      |                |                  |                         |                                   |                                               |
|         | 1358 | 14.4           | 1.24             | 5.7                     | 19                                | Tail: 50:50:2 Class H Blend Single Slurry     |

Intermediate #1 Salt string cemented to surface. Drill out to wait for 500PSI compressive strength.

Intermediate #2 long string cemented Tail single slurry leaving Brushy Canyon Delaware Mountain group open as a relieve zone. Section to be monitored during completions, and then Bradenhead cemented after completion is complete. Drill out of intermediate to wait for 500psi compressive strength.

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results

Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

| Casing String    | TOC    | % Excess                       |
|------------------|--------|--------------------------------|
| Surface          | 0'     | 50%                            |
| 1st Intermediate | 0'     | 50%                            |
| 2nd Intermediate | 7,100' | 0%                             |
| Production       | 9,550' | 35% OH in Lateral (KOP to EOL) |

## COG Operating, LLC - Thunderdome Fed Com #708H

## 4. Pressure Control Equipment

|   |                                                                                                         |
|---|---------------------------------------------------------------------------------------------------------|
| N | A variance is requested for the use of a diverter on the surface casing.<br>See attached for schematic. |
|---|---------------------------------------------------------------------------------------------------------|

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | x | Tested to: |
|------------------------------------------------------|---------|------------------|------------|---|------------|
| 12 1/4"                                              | 13-5/8" | 5M               | Annular    | x | 2500psi    |
|                                                      |         |                  | Blind Ram  | x | 5000psi    |
|                                                      |         |                  | Pipe Ram   | x |            |
|                                                      |         |                  | Double Ram | x |            |
|                                                      |         |                  | Other*     |   |            |
| 9-7/8"                                               | 13-5/8" | 5M               | Annular    | x | 2500psi    |
|                                                      |         |                  | Blind Ram  | x | 5000psi    |
|                                                      |         |                  | Pipe Ram   | x |            |
|                                                      |         |                  | Double Ram | x |            |
|                                                      |         |                  | Other*     |   |            |
| 6-3/4"                                               | 13-5/8" | 10M              | 5M Annular | x | 5000psi    |
|                                                      |         |                  | Blind Ram  | x | 10000psi   |
|                                                      |         |                  | Pipe Ram   | x |            |
|                                                      |         |                  | Double Ram | x |            |
|                                                      |         |                  | Other*     |   |            |

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

|   |                                                                                                                                                                                                                                                                                                               |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y | Formation integrity test will be performed per Onshore Order #2.<br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. |
| Y | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                               |
| N | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                         |
| Y | A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.                                            |

## COG Operating, LLC - Thunderdome Fed Com #708H

## 5. Mud Program

| Depth             |                    | Type            | Weight (ppg) | Viscosity | Water Loss |
|-------------------|--------------------|-----------------|--------------|-----------|------------|
| From              | To                 |                 |              |           |            |
| 0                 | Surf. Shoe         | FW Gel          | 9.8 - 10     | 28-34     | N/C        |
| Surf csg          | 10 3/4" Int 1 shoe | Saturated Brine | 10           | 28-34     | N/C        |
| 10 3/4" Int1 shoe | 7-5/8" Int 2 shoe  | Cut Brine       | 8.4 - 9.3    | 28-34     | N/C        |
| 7-5/8" Int 2 shoe | Lateral TD         | OBM             | 9.6 - 12.5   | 35-45     | <20        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

|                                                         |                             |
|---------------------------------------------------------|-----------------------------|
| What will be used to monitor the loss or gain of fluid? | PVT/Pason/Visual Monitoring |
|---------------------------------------------------------|-----------------------------|

## 6. Logging and Testing Procedures

| Logging, Coring and Testing. |                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y                            | Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM. |
| Y                            | No Logs are planned based on well control or offset log information.                                                                                        |
| N                            | Drill stem test? If yes, explain.                                                                                                                           |
| N                            | Coring? If yes, explain.                                                                                                                                    |

| Additional logs planned |             | Interval                                                   |
|-------------------------|-------------|------------------------------------------------------------|
| N                       | Resistivity | Pilot Hole TD to ICP                                       |
| N                       | Density     | Pilot Hole TD to ICP                                       |
| Y                       | CBL         | Production casing<br>(If cement not circulated to surface) |
| Y                       | Mud log     | Intermediate shoe to TD                                    |
| N                       | PEX         |                                                            |

**COG Operating, LLC - Thunderdome Fed Com #708H****7. Drilling Conditions**

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 7270 psi at 11180' TVD       |
| Abnormal Temperature       | NO 170 Deg. F.               |

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

Hydrogen Sulfide (H<sub>2</sub>S) monitors will be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

N H<sub>2</sub>S is present

Y H<sub>2</sub>S Plan attached

**8. Other Facets of Operation**

|   |                            |
|---|----------------------------|
| Y | Is it a walking operation? |
| Y | Is casing pre-set?         |

|   |                         |
|---|-------------------------|
| x | H <sub>2</sub> S Plan.  |
| x | BOP & Choke Schematics. |
| x | Directional Plan        |

708H

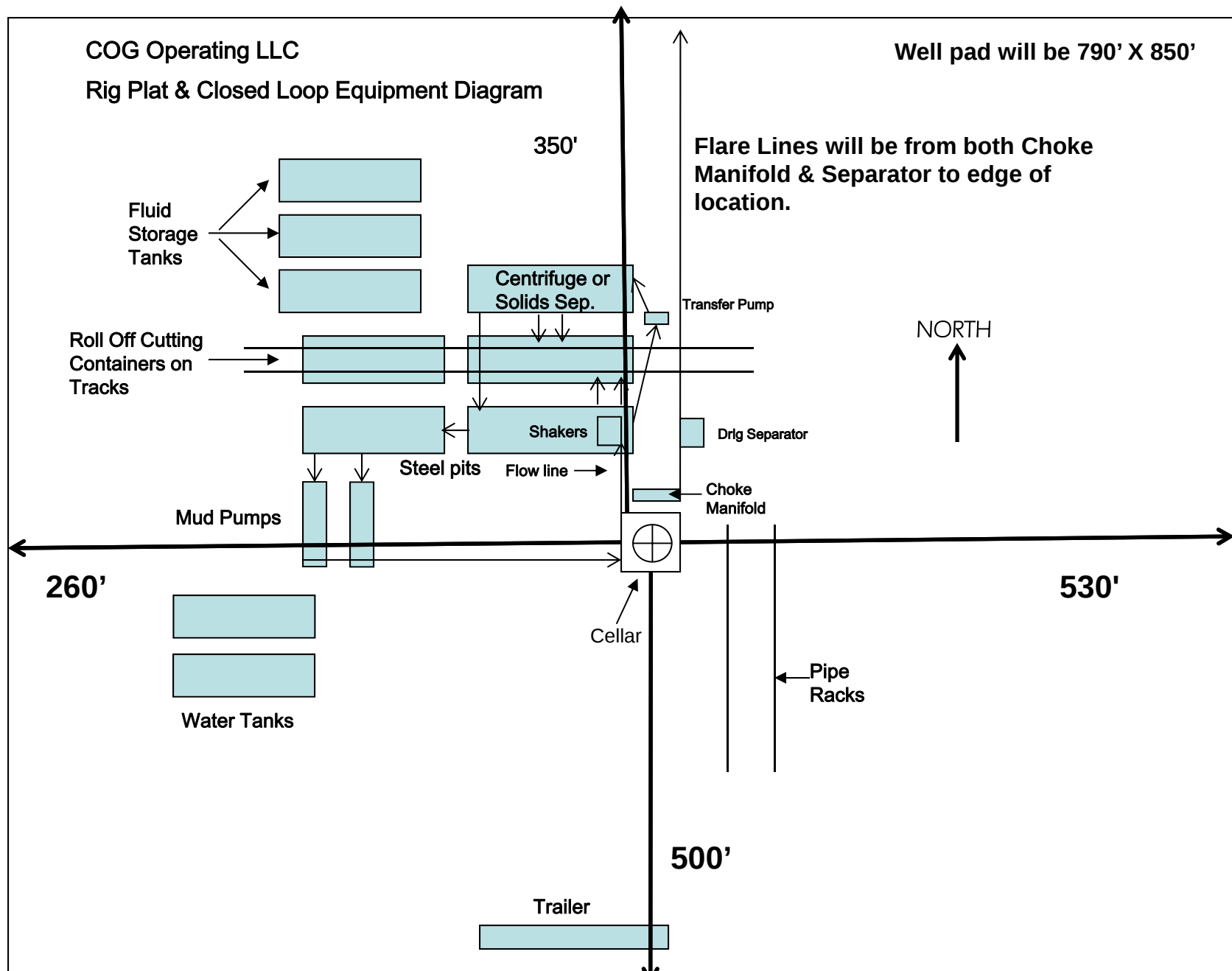


Exhibit 1

"I further certify that COG will comply with Rule 19.15.17 NMAC by using a Closed Loop System."

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-W)**

**THUNDERDOME PROJECT**

**\*THUNDERDOME FED COM #708H**

**OWB**

**PWP0**

## **Anticollision Report**

**10 July, 2023**

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                              |                                                                     |                |                       |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------|
| Reference                    | PWP0                                                                |                |                       |
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                       |
| Interpolation Method:        | MD Interval 100.0usft                                               | Error Model:   | ISCWSA                |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D   |
| Results Limited by:          | Maximum centre distance of 2,000.0usft                              | Error Surface: | Combined Pedal Curve  |
| Warning Levels Evaluated at: | 2.79 Sigma                                                          | Casing Method: | Added to Error Values |

|                     |           |                   |                 |                                                  |
|---------------------|-----------|-------------------|-----------------|--------------------------------------------------|
| Survey Tool Program | Date      | 7/10/2023         |                 |                                                  |
| From (usft)         | To (usft) | Survey (Wellbore) | Tool Name       | Description                                      |
| 0.0                 | 24,485.7  | PWP0 (OWB)        | r.5 MWD+IFR1+MS | OWSG MWD + IFR1 + Multi-Station Correction rev.5 |

|                                         |                                 |                              |                                 |                                  |                   |                              |
|-----------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------------------------|
| Summary                                 |                                 |                              |                                 |                                  |                   |                              |
| Site Name                               | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning                      |
| Offset Well - Wellbore - Design         |                                 |                              |                                 |                                  |                   |                              |
| THUNDERDOME PROJECT                     |                                 |                              |                                 |                                  |                   |                              |
| *THUNDERDOME FED COM #521H - OWB - PWP0 | 1,800.0                         | 1,800.0                      | 1,512.1                         | 1,499.5                          | 120.239           | CC, ES                       |
| *THUNDERDOME FED COM #521H - OWB - PWP0 | 3,900.0                         | 3,495.3                      | 1,999.5                         | 1,978.6                          | 95.827            | SF                           |
| *THUNDERDOME FED COM #522H - OWB - PWP0 | 2,266.5                         | 2,267.6                      | 159.0                           | 145.3                            | 11.599            | CC                           |
| *THUNDERDOME FED COM #522H - OWB - PWP0 | 2,300.0                         | 2,300.9                      | 159.0                           | 145.3                            | 11.538            | ES                           |
| *THUNDERDOME FED COM #522H - OWB - PWP0 | 24,486.5                        | 23,460.3                     | 1,705.3                         | 1,500.5                          | 8.326             | SF                           |
| *THUNDERDOME FED COM #523H - OWB - PWP0 | 1,800.0                         | 1,800.0                      | 161.5                           | 149.0                            | 12.845            | CC                           |
| *THUNDERDOME FED COM #523H - OWB - PWP0 | 2,000.0                         | 1,999.6                      | 161.8                           | 148.7                            | 12.370            | ES                           |
| *THUNDERDOME FED COM #523H - OWB - PWP0 | 24,486.5                        | 23,558.2                     | 1,455.9                         | 1,208.0                          | 5.872             | SF                           |
| *THUNDERDOME FED COM #701H - OWB - PWP0 | 1,500.0                         | 1,500.0                      | 1,511.8                         | 1,500.0                          | 128.830           | CC, ES                       |
| *THUNDERDOME FED COM #701H - OWB - PWP0 | 4,000.0                         | 3,623.5                      | 1,999.6                         | 1,977.8                          | 91.720            | SF                           |
| *THUNDERDOME FED COM #702H - OWB - PWP0 | 2,500.0                         | 2,500.0                      | 1,481.7                         | 1,467.3                          | 102.852           | CC, ES                       |
| *THUNDERDOME FED COM #702H - OWB - PWP0 | 4,500.0                         | 4,121.2                      | 1,962.8                         | 1,940.1                          | 86.583            | SF                           |
| *THUNDERDOME FED COM #703H - OWB - PWP0 | 2,500.0                         | 2,500.0                      | 1,451.8                         | 1,437.4                          | 100.776           | CC, ES                       |
| *THUNDERDOME FED COM #703H - OWB - PWP0 | 4,800.0                         | 4,627.6                      | 1,988.7                         | 1,964.1                          | 80.794            | SF                           |
| *THUNDERDOME FED COM #704H - OWB - PWP0 | 3,327.6                         | 3,522.7                      | 1,401.1                         | 1,383.5                          | 79.504            | CC, ES                       |
| *THUNDERDOME FED COM #704H - OWB - PWP0 | 7,100.0                         | 7,032.5                      | 1,982.2                         | 1,942.8                          | 50.376            | SF                           |
| *THUNDERDOME FED COM #705H - OWB - PWP0 | 3,457.8                         | 3,693.5                      | 1,304.2                         | 1,285.0                          | 67.873            | CC                           |
| *THUNDERDOME FED COM #705H - OWB - PWP0 | 3,500.0                         | 3,735.7                      | 1,304.4                         | 1,285.0                          | 66.957            | ES                           |
| *THUNDERDOME FED COM #705H - OWB - PWP0 | 24,486.5                        | 24,792.1                     | 1,626.0                         | 1,409.4                          | 7.507             | SF                           |
| *THUNDERDOME FED COM #706H - OWB - PWP0 | 2,500.0                         | 2,500.0                      | 60.0                            | 45.6                             | 4.165             | CC, ES, SF                   |
| *THUNDERDOME FED COM #707H - OWB - PWP0 | 2,463.2                         | 2,464.4                      | 10.3                            | -4.0                             | 0.722             | Stop Drilling Now, CC, ES, S |
| *THUNDERDOME FED COM #709H - OWB - PWP0 | 2,200.0                         | 2,200.0                      | 30.0                            | 16.4                             | 2.199             | CC, ES, SF                   |
| *THUNDERDOME FED COM #710H - OWB - PWP0 | 1,800.0                         | 1,800.0                      | 60.0                            | 47.4                             | 4.771             | CC, ES                       |
| *THUNDERDOME FED COM #710H - OWB - PWP0 | 1,900.0                         | 1,898.4                      | 61.3                            | 48.4                             | 4.764             | SF                           |
| *THUNDERDOME FED COM 501H - OWB - PWP0  | 1,800.0                         | 1,800.0                      | 1,482.1                         | 1,469.5                          | 117.857           | CC, ES                       |
| *THUNDERDOME FED COM 501H - OWB - PWP0  | 3,900.0                         | 3,470.1                      | 1,962.0                         | 1,941.7                          | 96.628            | SF                           |
| *THUNDERDOME FED COM 502H - OWB - PWP0  | 2,500.0                         | 2,500.0                      | 1,452.2                         | 1,437.8                          | 100.802           | CC, ES                       |
| *THUNDERDOME FED COM 502H - OWB - PWP0  | 5,300.0                         | 5,263.7                      | 1,989.8                         | 1,963.7                          | 76.358            | SF                           |
| *THUNDERDOME FED COM 503H - OWB - PWP0  | 2,531.2                         | 2,535.0                      | 137.8                           | 123.6                            | 9.655             | CC, ES                       |
| *THUNDERDOME FED COM 503H - OWB - PWP0  | 24,486.5                        | 23,134.2                     | 1,991.0                         | 1,768.7                          | 8.955             | SF                           |
| *THUNDERDOME FED COM 504H - OWB - PWP0  | 1,800.0                         | 1,800.0                      | 150.0                           | 137.4                            | 11.928            | CC                           |
| *THUNDERDOME FED COM 504H - OWB - PWP0  | 7,000.0                         | 6,985.3                      | 155.0                           | 127.7                            | 5.668             | ES                           |
| *THUNDERDOME FED COM 504H - OWB - PWP0  | 9,210.0                         | 9,185.1                      | 196.9                           | 156.8                            | 4.914             | SF                           |
| *THUNDERDOME FED COM 505H - OWB - PWP0  | 1,800.0                         | 1,800.0                      | 153.0                           | 140.4                            | 12.164            | CC, ES                       |
| *THUNDERDOME FED COM 505H - OWB - PWP0  | 24,486.5                        | 23,061.6                     | 1,782.1                         | 1,535.4                          | 7.224             | SF                           |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| TD Summary                              |                                 |                              |                                 |                                  |                   |                  |
|-----------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------------|
| Site Name                               | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning          |
| THUNDERDOME PROJECT                     |                                 |                              |                                 |                                  |                   |                  |
| *THUNDERDOME FED COM #521H - OWB - PWP0 | 24,486.5                        | 23,528.7                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM #522H - OWB - PWP0 | 24,486.5                        | 23,460.3                     | 1,705.3                         | 1,500.5                          | 8.326             | SF               |
| *THUNDERDOME FED COM #523H - OWB - PWP0 | 24,486.5                        | 23,558.2                     | 1,455.9                         | 1,208.0                          | 5.872             | SF               |
| *THUNDERDOME FED COM #701H - OWB - PWP0 | 24,486.5                        | 24,831.2                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM #702H - OWB - PWP0 | 24,486.5                        | 24,616.0                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM #703H - OWB - PWP0 | 24,486.5                        | 24,712.7                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM #704H - OWB - PWP0 | 24,486.5                        | 24,564.0                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM #705H - OWB - PWP0 | 24,486.5                        | 24,792.1                     | 1,626.0                         | 1,409.4                          | 7.507             | SF               |
| *THUNDERDOME FED COM #706H - OWB - PWP0 | 24,486.5                        | 24,464.5                     | 1,026.0                         | 817.8                            | 4.928             |                  |
| *THUNDERDOME FED COM #707H - OWB - PWP0 | 24,486.5                        | 24,747.6                     | 540.4                           | 317.3                            | 2.422             |                  |
| *THUNDERDOME FED COM #709H - OWB - PWP0 | 24,486.5                        | 24,802.4                     | 540.4                           | 342.6                            | 2.732             |                  |
| *THUNDERDOME FED COM #710H - OWB - PWP0 | 24,486.5                        | 24,734.5                     | 1,029.0                         | 813.3                            | 4.770             |                  |
| *THUNDERDOME FED COM 501H - OWB - PWP0  | 24,486.5                        | 23,183.0                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM 502H - OWB - PWP0  | 24,486.5                        | 23,098.6                     |                                 |                                  |                   | Out of Range @TD |
| *THUNDERDOME FED COM 503H - OWB - PWP0  | 24,486.5                        | 23,134.2                     | 1,991.0                         | 1,768.7                          | 8.955             | SF               |
| *THUNDERDOME FED COM 504H - OWB - PWP0  | 24,486.5                        | 22,854.2                     | 1,460.4                         | 1,245.3                          | 6.788             |                  |
| *THUNDERDOME FED COM 505H - OWB - PWP0  | 24,486.5                        | 23,061.6                     | 1,782.1                         | 1,535.4                          | 7.224             | SF               |

| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #521H - OWB - PWP0 |                       |                                 |                              |                                  |                               |                       |                                     |                                     |                                 |                                  |                           |                   | <b>Offset Site Error:</b> 0.0 usft |
|-------------------------------------------------------------------------------------|-----------------------|---------------------------------|------------------------------|----------------------------------|-------------------------------|-----------------------|-------------------------------------|-------------------------------------|---------------------------------|----------------------------------|---------------------------|-------------------|------------------------------------|
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                       |                                 |                              |                                  |                               |                       |                                     |                                     |                                 |                                  |                           |                   | <b>Offset Well Error:</b> 3.0 usft |
| Measured Depth (usft)                                                               | Vertical Depth (usft) | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Semi Major Axis Reference (usft) | Semi Major Axis Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | Offset Wellbore Centre +E/-W (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                            |
| 0.0                                                                                 | 0.0                   | 0.0                             | 0.0                          | 3.0                              | 3.0                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,505.6                          | 6.43                      | 235.199           |                                    |
| 100.0                                                                               | 100.0                 | 100.0                           | 100.0                        | 3.2                              | 3.2                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,505.2                          | 6.89                      | 219.384           |                                    |
| 200.0                                                                               | 200.0                 | 200.0                           | 200.0                        | 3.5                              | 3.5                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,504.7                          | 7.33                      | 206.337           |                                    |
| 300.0                                                                               | 300.0                 | 300.0                           | 300.0                        | 3.7                              | 3.7                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,504.3                          | 7.74                      | 195.325           |                                    |
| 400.0                                                                               | 400.0                 | 400.0                           | 400.0                        | 3.9                              | 3.9                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,503.9                          | 8.14                      | 185.861           |                                    |
| 500.0                                                                               | 500.0                 | 500.0                           | 500.0                        | 4.1                              | 4.1                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,503.6                          | 8.51                      | 177.608           |                                    |
| 600.0                                                                               | 600.0                 | 600.0                           | 600.0                        | 4.2                              | 4.2                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,503.2                          | 8.88                      | 170.324           |                                    |
| 700.0                                                                               | 700.0                 | 700.0                           | 700.0                        | 4.4                              | 4.4                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,502.8                          | 9.23                      | 163.831           |                                    |
| 800.0                                                                               | 800.0                 | 800.0                           | 800.0                        | 4.6                              | 4.6                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,502.5                          | 9.57                      | 157.993           |                                    |
| 900.0                                                                               | 900.0                 | 900.0                           | 900.0                        | 4.8                              | 4.8                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,502.2                          | 9.90                      | 152.705           |                                    |
| 1,000.0                                                                             | 1,000.0               | 1,000.0                         | 1,000.0                      | 4.9                              | 4.9                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,501.8                          | 10.22                     | 147.884           |                                    |
| 1,100.0                                                                             | 1,100.0               | 1,100.0                         | 1,100.0                      | 5.1                              | 5.1                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,501.5                          | 10.54                     | 143.465           |                                    |
| 1,200.0                                                                             | 1,200.0               | 1,200.0                         | 1,200.0                      | 5.2                              | 5.2                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,501.2                          | 10.85                     | 139.393           |                                    |
| 1,300.0                                                                             | 1,300.0               | 1,300.0                         | 1,300.0                      | 5.4                              | 5.4                           | -87.03                | 78.4                                | -1,510.0                            | 1,512.1                         | 1,500.9                          | 11.15                     | 135.624           |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #521H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned: | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                |                    |          |
| 1,400.0                                                                      | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | -87.03                      | 78.4                   | -1,510.0        | 1,512.1                      | 1,500.6                       | 11.44          | 132.123            |          |
| 1,500.0                                                                      | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | -87.03                      | 78.4                   | -1,510.0        | 1,512.1                      | 1,500.3                       | 11.73          | 128.858            |          |
| 1,600.0                                                                      | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | -87.03                      | 78.4                   | -1,510.0        | 1,512.1                      | 1,500.1                       | 12.02          | 125.803            |          |
| 1,700.0                                                                      | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | -87.03                      | 78.4                   | -1,510.0        | 1,512.1                      | 1,499.8                       | 12.30          | 122.936            |          |
| 1,800.0                                                                      | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | -87.03                      | 78.4                   | -1,510.0        | 1,512.1                      | 1,499.5                       | 12.58          | 120.239 CC, ES     |          |
| 1,900.0                                                                      | 1,900.0                     | 1,871.8                     | 1,871.8                     | 6.3                 | 6.2              | -87.03                      | 78.3                   | -1,510.7        | 1,513.0                      | 1,500.2                       | 12.82          | 117.987            |          |
| 2,000.0                                                                      | 2,000.0                     | 1,943.5                     | 1,943.5                     | 6.4                 | 6.3              | -87.04                      | 78.2                   | -1,512.7        | 1,515.8                      | 1,502.7                       | 13.07          | 116.014            |          |
| 2,100.0                                                                      | 2,100.0                     | 2,015.1                     | 2,015.0                     | 6.5                 | 6.5              | -87.06                      | 78.0                   | -1,516.1        | 1,520.5                      | 1,507.2                       | 13.30          | 114.279            |          |
| 2,200.0                                                                      | 2,200.0                     | 2,100.0                     | 2,099.7                     | 6.7                 | 6.6              | -87.08                      | 77.6                   | -1,521.8        | 1,527.1                      | 1,513.5                       | 13.58          | 112.476            |          |
| 2,300.0                                                                      | 2,300.0                     | 2,157.9                     | 2,157.4                     | 6.8                 | 6.7              | -87.10                      | 77.2                   | -1,526.8        | 1,535.3                      | 1,521.5                       | 13.80          | 111.288            |          |
| 2,400.0                                                                      | 2,400.0                     | 2,228.9                     | 2,228.0                     | 6.9                 | 6.9              | -87.14                      | 76.7                   | -1,534.0        | 1,545.6                      | 1,531.5                       | 14.05          | 110.021            |          |
| 2,500.0                                                                      | 2,500.0                     | 2,300.0                     | 2,298.6                     | 7.0                 | 7.0              | -87.18                      | 76.1                   | -1,542.6        | 1,557.6                      | 1,543.3                       | 14.30          | 108.885            |          |
| 2,600.0                                                                      | 2,600.0                     | 2,369.9                     | 2,367.8                     | 7.2                 | 7.2              | -147.11                     | 75.4                   | -1,552.4        | 1,572.5                      | 1,558.0                       | 14.58          | 107.820            |          |
| 2,700.0                                                                      | 2,699.9                     | 2,439.4                     | 2,436.5                     | 7.3                 | 7.4              | -147.06                     | 74.7                   | -1,563.3        | 1,591.5                      | 1,576.6                       | 14.87          | 107.014            |          |
| 2,800.0                                                                      | 2,799.7                     | 2,500.0                     | 2,496.1                     | 7.5                 | 7.5              | -146.99                     | 73.9                   | -1,573.8        | 1,614.3                      | 1,599.2                       | 15.14          | 106.634            |          |
| 2,900.0                                                                      | 2,899.3                     | 2,575.6                     | 2,570.2                     | 7.7                 | 7.7              | -146.96                     | 72.9                   | -1,588.3        | 1,641.0                      | 1,625.5                       | 15.49          | 105.940            |          |
| 3,000.0                                                                      | 2,998.6                     | 2,660.1                     | 2,652.9                     | 7.9                 | 8.0              | -146.97                     | 71.7                   | -1,605.8        | 1,671.1                      | 1,655.3                       | 15.89          | 105.181            |          |
| 3,100.0                                                                      | 3,097.6                     | 2,754.4                     | 2,745.2                     | 8.1                 | 8.3              | -147.21                     | 70.3                   | -1,625.3        | 1,703.1                      | 1,686.8                       | 16.29          | 104.532            |          |
| 3,200.0                                                                      | 3,196.6                     | 2,848.6                     | 2,837.4                     | 8.3                 | 8.5              | -147.53                     | 69.0                   | -1,644.9        | 1,735.2                      | 1,718.4                       | 16.77          | 103.500            |          |
| 3,300.0                                                                      | 3,295.7                     | 2,942.9                     | 2,929.6                     | 8.5                 | 8.8              | -150.01                     | 67.6                   | -1,664.4        | 1,767.4                      | 1,750.2                       | 17.24          | 102.514            |          |
| 3,400.0                                                                      | 3,394.5                     | 3,036.6                     | 3,021.2                     | 8.8                 | 9.1              | -161.69                     | 66.2                   | -1,683.9        | 1,801.4                      | 1,783.6                       | 17.80          | 101.220            |          |
| 3,500.0                                                                      | 3,493.0                     | 3,129.4                     | 3,112.0                     | 9.0                 | 9.5              | -170.77                     | 64.9                   | -1,703.1        | 1,838.2                      | 1,819.9                       | 18.37          | 100.070            |          |
| 3,600.0                                                                      | 3,591.1                     | 3,221.2                     | 3,201.8                     | 9.3                 | 9.8              | -177.34                     | 63.6                   | -1,722.2        | 1,877.7                      | 1,858.7                       | 18.96          | 99.047             |          |
| 3,700.0                                                                      | 3,688.9                     | 3,312.6                     | 3,291.2                     | 9.7                 | 10.1             | -177.42                     | 62.2                   | -1,741.1        | 1,918.3                      | 1,898.7                       | 19.61          | 97.811             |          |
| 3,800.0                                                                      | 3,786.7                     | 3,404.0                     | 3,380.6                     | 9.9                 | 10.4             | -177.49                     | 60.9                   | -1,760.1        | 1,958.9                      | 1,938.7                       | 20.23          | 96.835             |          |
| 3,900.0                                                                      | 3,884.5                     | 3,495.3                     | 3,469.9                     | 10.3                | 10.8             | -177.56                     | 59.6                   | -1,779.0        | 1,999.5                      | 1,978.6                       | 20.87          | 95.827 SF          |          |

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                    |          |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #522H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Distance               |                         |                           | Warning            |          |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  |          |
| 0.0                                                                          | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -21.81                | 150.0                  | -60.0        | 161.5                  | 155.1                   | 6.43                      | 25.125             |          |
| 100.0                                                                        | 100.0                 | 100.0                 | 100.0                 | 3.2              | 3.2           | -21.81                | 150.0                  | -60.0        | 161.5                  | 154.6                   | 6.89                      | 23.436             |          |
| 200.0                                                                        | 200.0                 | 200.0                 | 200.0                 | 3.5              | 3.5           | -21.81                | 150.0                  | -60.0        | 161.5                  | 154.2                   | 7.33                      | 22.042             |          |
| 300.0                                                                        | 300.0                 | 300.0                 | 300.0                 | 3.7              | 3.7           | -21.81                | 150.0                  | -60.0        | 161.5                  | 153.8                   | 7.74                      | 20.866             |          |
| 400.0                                                                        | 400.0                 | 400.0                 | 400.0                 | 3.9              | 3.9           | -21.81                | 150.0                  | -60.0        | 161.5                  | 153.4                   | 8.14                      | 19.855             |          |
| 500.0                                                                        | 500.0                 | 500.0                 | 500.0                 | 4.1              | 4.1           | -21.81                | 150.0                  | -60.0        | 161.5                  | 153.0                   | 8.51                      | 18.973             |          |
| 600.0                                                                        | 600.0                 | 600.0                 | 600.0                 | 4.2              | 4.2           | -21.81                | 150.0                  | -60.0        | 161.5                  | 152.6                   | 8.88                      | 18.195             |          |
| 700.0                                                                        | 700.0                 | 700.0                 | 700.0                 | 4.4              | 4.4           | -21.81                | 150.0                  | -60.0        | 161.5                  | 152.3                   | 9.23                      | 17.501             |          |
| 800.0                                                                        | 800.0                 | 800.0                 | 800.0                 | 4.6              | 4.6           | -21.81                | 150.0                  | -60.0        | 161.5                  | 152.0                   | 9.57                      | 16.878             |          |
| 900.0                                                                        | 900.0                 | 900.0                 | 900.0                 | 4.8              | 4.8           | -21.81                | 150.0                  | -60.0        | 161.5                  | 151.6                   | 9.90                      | 16.313             |          |
| 1,000.0                                                                      | 1,000.0               | 1,000.0               | 1,000.0               | 4.9              | 4.9           | -21.81                | 150.0                  | -60.0        | 161.5                  | 151.3                   | 10.22                     | 15.798             |          |
| 1,100.0                                                                      | 1,100.0               | 1,100.0               | 1,100.0               | 5.1              | 5.1           | -21.81                | 150.0                  | -60.0        | 161.5                  | 151.0                   | 10.54                     | 15.326             |          |
| 1,200.0                                                                      | 1,200.0               | 1,200.0               | 1,200.0               | 5.2              | 5.2           | -21.81                | 150.0                  | -60.0        | 161.5                  | 150.7                   | 10.85                     | 14.891             |          |
| 1,300.0                                                                      | 1,300.0               | 1,300.0               | 1,300.0               | 5.4              | 5.4           | -21.81                | 150.0                  | -60.0        | 161.5                  | 150.4                   | 11.15                     | 14.488             |          |
| 1,400.0                                                                      | 1,400.0               | 1,400.0               | 1,400.0               | 5.5              | 5.5           | -21.81                | 150.0                  | -60.0        | 161.5                  | 150.1                   | 11.44                     | 14.114             |          |
| 1,500.0                                                                      | 1,500.0               | 1,500.0               | 1,500.0               | 5.7              | 5.7           | -21.81                | 150.0                  | -60.0        | 161.5                  | 149.8                   | 11.73                     | 13.765             |          |
| 1,600.0                                                                      | 1,600.0               | 1,600.0               | 1,600.0               | 5.8              | 5.8           | -21.81                | 150.0                  | -60.0        | 161.5                  | 149.5                   | 12.02                     | 13.439             |          |
| 1,700.0                                                                      | 1,700.0               | 1,700.0               | 1,700.0               | 6.0              | 6.0           | -21.81                | 150.0                  | -60.0        | 161.5                  | 149.2                   | 12.30                     | 13.133             |          |
| 1,800.0                                                                      | 1,800.0               | 1,800.0               | 1,800.0               | 6.1              | 6.1           | -21.81                | 150.0                  | -60.0        | 161.5                  | 149.0                   | 12.58                     | 12.845             |          |
| 1,900.0                                                                      | 1,900.0               | 1,900.7               | 1,900.7               | 6.3              | 6.3           | -22.27                | 149.3                  | -61.1        | 161.3                  | 148.5                   | 12.83                     | 12.568             |          |
| 2,000.0                                                                      | 2,000.0               | 2,001.3               | 2,001.2               | 6.4              | 6.4           | -23.67                | 147.2                  | -64.5        | 160.7                  | 147.6                   | 13.08                     | 12.289             |          |
| 2,100.0                                                                      | 2,100.0               | 2,101.6               | 2,101.3               | 6.5              | 6.6           | -26.01                | 143.7                  | -70.1        | 159.9                  | 146.5                   | 13.31                     | 12.007             |          |
| 2,200.0                                                                      | 2,200.0               | 2,201.5               | 2,200.8               | 6.7              | 6.8           | -29.30                | 138.8                  | -77.9        | 159.2                  | 145.6                   | 13.55                     | 11.747             |          |
| 2,266.5                                                                      | 2,266.5               | 2,267.6               | 2,266.5               | 6.7              | 6.9           | -32.00                | 134.8                  | -84.2        | 159.0                  | 145.3                   | 13.71                     | 11.599 CC          |          |
| 2,300.0                                                                      | 2,300.0               | 2,300.9               | 2,299.4               | 6.8              | 7.0           | -33.51                | 132.6                  | -87.8        | 159.0                  | 145.3                   | 13.78                     | 11.538 ES          |          |
| 2,400.0                                                                      | 2,400.0               | 2,399.9               | 2,397.5               | 6.9              | 7.1           | -38.40                | 125.4                  | -99.4        | 160.0                  | 146.0                   | 13.97                     | 11.456             |          |
| 2,500.0                                                                      | 2,500.0               | 2,498.9               | 2,495.6               | 7.0              | 7.4           | -43.25                | 118.1                  | -111.1       | 162.2                  | 147.9                   | 14.21                     | 11.408             |          |
| 2,600.0                                                                      | 2,600.0               | 2,597.7               | 2,593.4               | 7.2              | 7.6           | -108.30               | 110.8                  | -122.7       | 165.9                  | 151.4                   | 14.47                     | 11.459             |          |
| 2,700.0                                                                      | 2,699.9               | 2,696.1               | 2,690.9               | 7.3              | 7.9           | -113.83               | 103.5                  | -134.3       | 171.9                  | 157.1                   | 14.76                     | 11.644             |          |
| 2,800.0                                                                      | 2,799.7               | 2,794.0               | 2,787.8               | 7.5              | 8.1           | -119.59               | 96.3                   | -145.9       | 180.8                  | 165.7                   | 15.10                     | 11.972             |          |
| 2,900.0                                                                      | 2,899.3               | 2,891.4               | 2,884.2               | 7.7              | 8.4           | -125.33               | 89.1                   | -157.4       | 192.9                  | 177.4                   | 15.50                     | 12.448             |          |
| 3,000.0                                                                      | 2,998.6               | 2,988.1               | 2,980.0               | 7.9              | 8.7           | -130.83               | 82.0                   | -168.8       | 208.6                  | 192.6                   | 15.96                     | 13.070             |          |
| 3,100.0                                                                      | 3,097.6               | 3,084.2               | 3,075.2               | 8.1              | 9.0           | -135.97               | 74.9                   | -180.2       | 227.5                  | 211.0                   | 16.42                     | 13.854             |          |
| 3,200.0                                                                      | 3,196.6               | 3,180.4               | 3,170.4               | 8.3              | 9.3           | -140.41               | 67.8                   | -191.5       | 248.1                  | 231.1                   | 16.96                     | 14.626             |          |
| 3,300.0                                                                      | 3,295.7               | 3,276.5               | 3,265.6               | 8.5              | 9.6           | -146.31               | 60.7                   | -202.8       | 269.9                  | 252.4                   | 17.51                     | 15.420             |          |
| 3,400.0                                                                      | 3,394.5               | 3,372.3               | 3,360.5               | 8.8              | 9.9           | -160.56               | 53.6                   | -214.2       | 294.7                  | 276.5                   | 18.12                     | 16.257             |          |
| 3,500.0                                                                      | 3,493.0               | 3,469.0               | 3,456.2               | 9.0              | 10.3          | -171.51               | 46.6                   | -225.4       | 322.6                  | 303.9                   | 18.75                     | 17.208             |          |
| 3,600.0                                                                      | 3,591.1               | 3,566.4               | 3,552.8               | 9.3              | 10.6          | -179.28               | 39.9                   | -236.2       | 353.0                  | 333.7                   | 19.38                     | 18.219             |          |
| 3,700.0                                                                      | 3,688.9               | 3,664.0               | 3,649.7               | 9.7              | 10.9          | -179.73               | 33.6                   | -246.3       | 384.0                  | 364.0                   | 20.05                     | 19.149             |          |
| 3,800.0                                                                      | 3,786.7               | 3,762.1               | 3,747.2               | 9.9              | 11.3          | -178.94               | 27.7                   | -255.7       | 414.4                  | 393.7                   | 20.68                     | 20.037             |          |
| 3,900.0                                                                      | 3,884.5               | 3,860.8               | 3,845.3               | 10.3             | 11.6          | -178.32               | 22.2                   | -264.4       | 444.0                  | 422.7                   | 21.32                     | 20.832             |          |
| 4,000.0                                                                      | 3,982.3               | 3,959.9               | 3,944.0               | 10.6             | 12.0          | -177.82               | 17.2                   | -272.5       | 473.0                  | 451.1                   | 21.96                     | 21.542             |          |
| 4,100.0                                                                      | 4,080.2               | 4,059.5               | 4,043.2               | 10.9             | 12.3          | -177.43               | 12.6                   | -279.9       | 501.3                  | 478.7                   | 22.61                     | 22.174             |          |
| 4,200.0                                                                      | 4,178.0               | 4,159.6               | 4,143.0               | 11.2             | 12.6          | -177.13               | 8.4                    | -286.6       | 528.9                  | 505.6                   | 23.26                     | 22.735             |          |
| 4,300.0                                                                      | 4,275.8               | 4,260.2               | 4,243.3               | 11.6             | 13.0          | -176.90               | 4.7                    | -292.5       | 555.7                  | 531.8                   | 23.92                     | 23.232             |          |
| 4,400.0                                                                      | 4,373.6               | 4,361.2               | 4,344.1               | 12.0             | 13.3          | -176.73               | 1.4                    | -297.8       | 581.8                  | 557.2                   | 24.58                     | 23.671             |          |
| 4,500.0                                                                      | 4,471.4               | 4,462.6               | 4,445.4               | 12.3             | 13.6          | -176.61               | -1.4                   | -302.3       | 607.1                  | 581.8                   | 25.23                     | 24.058             |          |
| 4,600.0                                                                      | 4,569.2               | 4,564.5               | 4,547.2               | 12.7             | 13.9          | -176.54               | -3.8                   | -306.0       | 631.6                  | 605.7                   | 25.89                     | 24.399             |          |
| 4,700.0                                                                      | 4,667.0               | 4,666.8               | 4,649.4               | 13.1             | 14.2          | -176.51               | -5.6                   | -309.0       | 655.4                  | 628.9                   | 26.53                     | 24.700             |          |
| 4,800.0                                                                      | 4,764.9               | 4,769.4               | 4,752.0               | 13.5             | 14.5          | -176.52               | -7.0                   | -311.3       | 678.4                  | 651.2                   | 27.17                     | 24.966             |          |
| 4,900.0                                                                      | 4,862.7               | 4,872.5               | 4,855.0               | 13.9             | 14.8          | -176.57               | -7.9                   | -312.7       | 700.6                  | 672.8                   | 27.79                     | 25.206             |          |
| 5,000.0                                                                      | 4,960.5               | 4,975.9               | 4,958.4               | 14.3             | 15.0          | -176.64               | -8.4                   | -313.4       | 722.0                  | 693.6                   | 28.38                     | 25.439             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

### Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #522H - OWB - PWP0 |                       |                       |                       |           |        |                       |                        |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |           |        |                       |                        |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference | Offset | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor | Warning            |          |
|                                                                              |                       |                       |                       | (usft)    | (usft) | (°)                   | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                   |                    |          |
| 5,100.0                                                                      | 5,058.3               | 5,075.7               | 5,058.3               | 14.7      | 15.1   | 176.74                | -8.4                   | -313.4       | 742.8                  | 714.0                   | 28.87                     | 25.730            |                    |          |
| 5,200.0                                                                      | 5,156.1               | 5,173.5               | 5,156.1               | 15.1      | 15.1   | 176.83                | -8.4                   | -313.4       | 763.6                  | 734.3                   | 29.33                     | 26.036            |                    |          |
| 5,300.0                                                                      | 5,253.9               | 5,271.4               | 5,253.9               | 15.5      | 15.2   | 176.91                | -8.4                   | -313.4       | 784.4                  | 754.6                   | 29.79                     | 26.327            |                    |          |
| 5,400.0                                                                      | 5,351.8               | 5,369.2               | 5,351.8               | 15.9      | 15.2   | 176.99                | -8.4                   | -313.4       | 805.1                  | 774.9                   | 30.27                     | 26.602            |                    |          |
| 5,500.0                                                                      | 5,449.6               | 5,467.0               | 5,449.6               | 16.3      | 15.3   | 177.07                | -8.4                   | -313.4       | 825.9                  | 795.1                   | 30.75                     | 26.862            |                    |          |
| 5,600.0                                                                      | 5,547.4               | 5,564.8               | 5,547.4               | 16.7      | 15.3   | 177.14                | -8.4                   | -313.4       | 846.7                  | 815.4                   | 31.23                     | 27.108            |                    |          |
| 5,700.0                                                                      | 5,645.2               | 5,662.6               | 5,645.2               | 17.2      | 15.4   | 177.21                | -8.4                   | -313.4       | 867.4                  | 835.7                   | 31.73                     | 27.340            |                    |          |
| 5,800.0                                                                      | 5,743.0               | 5,760.4               | 5,743.0               | 17.6      | 15.4   | 177.27                | -8.4                   | -313.4       | 888.2                  | 856.0                   | 32.23                     | 27.559            |                    |          |
| 5,900.0                                                                      | 5,840.8               | 5,858.3               | 5,840.8               | 18.0      | 15.5   | 177.33                | -8.4                   | -313.4       | 909.0                  | 876.2                   | 32.74                     | 27.765            |                    |          |
| 6,000.0                                                                      | 5,938.6               | 5,956.1               | 5,938.6               | 18.4      | 15.5   | 177.39                | -8.4                   | -313.4       | 929.7                  | 896.5                   | 33.25                     | 27.961            |                    |          |
| 6,100.0                                                                      | 6,036.5               | 6,053.9               | 6,036.5               | 18.9      | 15.6   | 177.45                | -8.4                   | -313.4       | 950.5                  | 916.7                   | 33.77                     | 28.145            |                    |          |
| 6,200.0                                                                      | 6,134.3               | 6,151.7               | 6,134.3               | 19.3      | 15.6   | 177.51                | -8.4                   | -313.4       | 971.3                  | 937.0                   | 34.30                     | 28.320            |                    |          |
| 6,300.0                                                                      | 6,232.1               | 6,249.5               | 6,232.1               | 19.7      | 15.7   | 177.56                | -8.4                   | -313.4       | 992.0                  | 957.2                   | 34.83                     | 28.485            |                    |          |
| 6,400.0                                                                      | 6,329.9               | 6,347.3               | 6,329.9               | 20.2      | 15.7   | 177.61                | -8.4                   | -313.4       | 1,012.8                | 977.5                   | 35.36                     | 28.641            |                    |          |
| 6,500.0                                                                      | 6,427.7               | 6,445.1               | 6,427.7               | 20.6      | 15.8   | 177.66                | -8.4                   | -313.4       | 1,033.6                | 997.7                   | 35.90                     | 28.788            |                    |          |
| 6,600.0                                                                      | 6,525.5               | 6,543.0               | 6,525.5               | 21.1      | 15.8   | 177.70                | -8.4                   | -313.4       | 1,054.4                | 1,017.9                 | 36.45                     | 28.927            |                    |          |
| 6,700.0                                                                      | 6,623.3               | 6,640.8               | 6,623.3               | 21.5      | 15.9   | 177.75                | -8.4                   | -313.4       | 1,075.1                | 1,038.1                 | 37.00                     | 29.059            |                    |          |
| 6,800.0                                                                      | 6,721.2               | 6,738.6               | 6,721.2               | 22.0      | 15.9   | 177.79                | -8.4                   | -313.4       | 1,095.9                | 1,058.4                 | 37.55                     | 29.184            |                    |          |
| 6,900.0                                                                      | 6,819.0               | 6,836.4               | 6,819.0               | 22.4      | 16.0   | 177.83                | -8.4                   | -313.4       | 1,116.7                | 1,078.6                 | 38.11                     | 29.301            |                    |          |
| 7,000.0                                                                      | 6,916.8               | 6,934.2               | 6,916.8               | 22.9      | 16.0   | 177.87                | -8.4                   | -313.4       | 1,137.5                | 1,098.8                 | 38.67                     | 29.413            |                    |          |
| 7,100.0                                                                      | 7,014.6               | 7,032.0               | 7,014.6               | 23.3      | 16.1   | 177.91                | -8.4                   | -313.4       | 1,158.2                | 1,119.0                 | 39.24                     | 29.519            |                    |          |
| 7,200.0                                                                      | 7,112.4               | 7,129.8               | 7,112.4               | 23.8      | 16.1   | 177.95                | -8.4                   | -313.4       | 1,179.0                | 1,139.2                 | 39.81                     | 29.619            |                    |          |
| 7,300.0                                                                      | 7,210.3               | 7,227.7               | 7,210.3               | 24.2      | 16.2   | 177.98                | -8.4                   | -313.4       | 1,199.5                | 1,159.1                 | 40.36                     | 29.721            |                    |          |
| 7,400.0                                                                      | 7,308.5               | 7,325.9               | 7,308.5               | 24.6      | 16.2   | 178.02                | -8.4                   | -313.4       | 1,218.4                | 1,177.4                 | 40.92                     | 29.771            |                    |          |
| 7,500.0                                                                      | 7,407.0               | 7,424.4               | 7,407.0               | 25.1      | 16.3   | 178.06                | -8.4                   | -313.4       | 1,235.5                | 1,194.0                 | 41.48                     | 29.785            |                    |          |
| 7,600.0                                                                      | 7,505.8               | 7,523.2               | 7,505.8               | 25.5      | 16.4   | 178.09                | -8.4                   | -313.4       | 1,250.9                | 1,208.9                 | 42.03                     | 29.763            |                    |          |
| 7,700.0                                                                      | 7,604.9               | 7,622.3               | 7,604.9               | 25.9      | 16.4   | 178.11                | -8.4                   | -313.4       | 1,264.7                | 1,222.1                 | 42.57                     | 29.708            |                    |          |
| 7,800.0                                                                      | 7,704.1               | 7,721.6               | 7,704.1               | 26.3      | 16.5   | 178.13                | -8.4                   | -313.4       | 1,276.6                | 1,233.5                 | 43.09                     | 29.624            |                    |          |
| 7,900.0                                                                      | 7,803.6               | 7,821.0               | 7,803.6               | 26.7      | 16.5   | 178.15                | -8.4                   | -313.4       | 1,286.9                | 1,243.3                 | 43.61                     | 29.512            |                    |          |
| 8,000.0                                                                      | 7,903.3               | 7,920.7               | 7,903.3               | 27.1      | 16.6   | 178.17                | -8.4                   | -313.4       | 1,295.4                | 1,251.3                 | 44.10                     | 29.374            |                    |          |
| 8,100.0                                                                      | 8,003.0               | 8,020.4               | 8,003.0               | 27.4      | 16.6   | 178.18                | -8.4                   | -313.4       | 1,302.2                | 1,257.6                 | 44.57                     | 29.215            |                    |          |
| 8,200.0                                                                      | 8,102.9               | 8,120.3               | 8,102.9               | 27.8      | 16.7   | 178.19                | -8.4                   | -313.4       | 1,307.2                | 1,262.2                 | 45.02                     | 29.039            |                    |          |
| 8,300.0                                                                      | 8,202.8               | 8,220.3               | 8,202.8               | 28.1      | 16.7   | 178.19                | -8.4                   | -313.4       | 1,310.5                | 1,265.1                 | 45.42                     | 28.851            |                    |          |
| 8,400.0                                                                      | 8,302.8               | 8,320.2               | 8,302.8               | 28.3      | 16.8   | 178.19                | -8.4                   | -313.4       | 1,312.0                | 1,266.2                 | 45.77                     | 28.667            |                    |          |
| 8,500.0                                                                      | 8,402.8               | 8,420.2               | 8,402.8               | 28.4      | 16.9   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,266.3                 | 45.87                     | 28.603            |                    |          |
| 8,600.0                                                                      | 8,502.8               | 8,520.2               | 8,502.8               | 28.4      | 16.9   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,266.2                 | 45.96                     | 28.552            |                    |          |
| 8,700.0                                                                      | 8,602.8               | 8,620.2               | 8,602.8               | 28.4      | 17.0   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,266.1                 | 46.04                     | 28.501            |                    |          |
| 8,800.0                                                                      | 8,702.8               | 8,720.2               | 8,702.8               | 28.5      | 17.0   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,266.0                 | 46.12                     | 28.450            |                    |          |
| 8,900.0                                                                      | 8,802.8               | 8,820.2               | 8,802.8               | 28.5      | 17.1   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.9                 | 46.20                     | 28.399            |                    |          |
| 9,000.0                                                                      | 8,902.8               | 8,920.2               | 8,902.8               | 28.5      | 17.1   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.9                 | 46.29                     | 28.348            |                    |          |
| 9,100.0                                                                      | 9,002.8               | 9,020.2               | 9,002.8               | 28.6      | 17.2   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.8                 | 46.37                     | 28.297            |                    |          |
| 9,200.0                                                                      | 9,102.8               | 9,120.2               | 9,102.8               | 28.6      | 17.3   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.7                 | 46.45                     | 28.246            |                    |          |
| 9,300.0                                                                      | 9,202.8               | 9,220.2               | 9,202.8               | 28.6      | 17.3   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.6                 | 46.54                     | 28.194            |                    |          |
| 9,400.0                                                                      | 9,302.8               | 9,320.2               | 9,302.8               | 28.7      | 17.4   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.5                 | 46.62                     | 28.143            |                    |          |
| 9,500.0                                                                      | 9,402.8               | 9,420.2               | 9,402.8               | 28.7      | 17.4   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.4                 | 46.71                     | 28.091            |                    |          |
| 9,600.0                                                                      | 9,502.8               | 9,520.2               | 9,502.8               | 28.7      | 17.5   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.4                 | 46.80                     | 28.040            |                    |          |
| 9,605.4                                                                      | 9,508.2               | 9,525.6               | 9,508.2               | 28.7      | 17.5   | -93.81                | -8.4                   | -313.4       | 1,312.1                | 1,265.3                 | 46.80                     | 28.037            |                    |          |
| 9,700.0                                                                      | 9,602.8               | 9,619.6               | 9,602.2               | 28.8      | 17.5   | -93.78                | -7.8                   | -313.5       | 1,312.2                | 1,265.3                 | 46.87                     | 27.993            |                    |          |
| 9,800.0                                                                      | 9,702.8               | 9,715.5               | 9,697.2               | 28.8      | 17.5   | -93.25                | 4.3                    | -314.4       | 1,312.4                | 1,265.5                 | 46.90                     | 27.983            |                    |          |
| 9,900.0                                                                      | 9,802.8               | 9,805.0               | 9,782.9               | 28.9      | 17.4   | -92.14                | 29.8                   | -316.4       | 1,313.3                | 1,266.4                 | 46.84                     | 28.035            |                    |          |
| 10,000.0                                                                     | 9,902.8               | 9,884.9               | 9,855.2               | 28.9      | 17.3   | -90.66                | 63.5                   | -319.0       | 1,315.7                | 1,269.0                 | 46.71                     | 28.167            |                    |          |
| 10,100.0                                                                     | 10,002.8              | 9,950.0               | 9,910.2               | 28.9      | 17.3   | -89.16                | 98.1                   | -321.6       | 1,320.8                | 1,274.3                 | 46.51                     | 28.402            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #522H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |          |
| 10,200.0                                                                     | 10,102.8              | 10,013.2              | 9,959.5               | 29.0             | 17.2          | -87.45                | 137.5                               | -324.7       | 1,329.5                | 1,283.3                 | 46.25                     | 28.749            |                    |          |
| 10,300.0                                                                     | 10,202.8              | 10,063.0              | 9,995.0               | 29.0             | 17.2          | -85.96                | 172.2                               | -327.3       | 1,342.6                | 1,296.7                 | 45.94                     | 29.224            |                    |          |
| 10,400.0                                                                     | 10,302.8              | 10,100.0              | 10,019.5              | 29.0             | 17.1          | -84.77                | 199.9                               | -329.5       | 1,360.6                | 1,315.0                 | 45.61                     | 29.830            |                    |          |
| 10,500.0                                                                     | 10,402.8              | 10,150.0              | 10,049.5              | 29.1             | 17.1          | -83.09                | 239.8                               | -332.5       | 1,383.9                | 1,338.7                 | 45.27                     | 30.571            |                    |          |
| 10,600.0                                                                     | 10,502.8              | 10,170.9              | 10,061.0              | 29.1             | 17.1          | -82.36                | 257.1                               | -333.9       | 1,412.5                | 1,367.5                 | 44.95                     | 31.423            |                    |          |
| 10,700.0                                                                     | 10,602.8              | 10,200.0              | 10,076.0              | 29.1             | 17.1          | -81.32                | 282.1                               | -335.8       | 1,446.4                | 1,401.8                 | 44.65                     | 32.394            |                    |          |
| 10,800.0                                                                     | 10,702.4              | 10,222.3              | 10,086.6              | 29.2             | 17.1          | -76.50                | 301.7                               | -337.3       | 1,484.1                | 1,439.7                 | 44.36                     | 33.452            |                    |          |
| 10,900.0                                                                     | 10,799.0              | 10,250.0              | 10,098.6              | 29.3             | 17.1          | -71.67                | 326.5                               | -339.2       | 1,522.7                | 1,478.6                 | 44.14                     | 34.494            |                    |          |
| 11,000.0                                                                     | 10,889.9              | 10,281.3              | 10,110.8              | 29.4             | 17.1          | -67.08                | 355.3                               | -341.4       | 1,560.5                | 1,516.5                 | 44.00                     | 35.465            |                    |          |
| 11,100.0                                                                     | 10,972.1              | 10,300.0              | 10,117.3              | 29.5             | 17.1          | -63.25                | 372.7                               | -342.8       | 1,596.1                | 1,552.2                 | 43.94                     | 36.324            |                    |          |
| 11,200.0                                                                     | 11,043.2              | 10,350.0              | 10,131.9              | 29.6             | 17.1          | -59.55                | 420.4                               | -346.4       | 1,627.8                | 1,583.9                 | 43.91                     | 37.067            |                    |          |
| 11,300.0                                                                     | 11,101.1              | 10,381.5              | 10,138.9              | 29.7             | 17.2          | -56.83                | 451.0                               | -348.8       | 1,654.9                | 1,611.0                 | 43.95                     | 37.654            |                    |          |
| 11,400.0                                                                     | 11,144.0              | 10,416.5              | 10,144.7              | 29.7             | 17.2          | -54.77                | 485.4                               | -351.4       | 1,676.5                | 1,632.5                 | 44.02                     | 38.089            |                    |          |
| 11,500.0                                                                     | 11,170.5              | 10,450.0              | 10,148.2              | 29.8             | 17.2          | -53.40                | 518.6                               | -354.0       | 1,692.0                | 1,647.9                 | 44.10                     | 38.364            |                    |          |
| 11,600.0                                                                     | 11,179.9              | 10,494.4              | 10,150.0              | 29.9             | 17.3          | -52.70                | 562.9                               | -357.4       | 1,700.9                | 1,656.7                 | 44.21                     | 38.470            |                    |          |
| 11,700.0                                                                     | 11,180.0              | 10,647.5              | 10,150.0              | 30.0             | 17.6          | -52.83                | 715.8                               | -365.1       | 1,704.9                | 1,660.5                 | 44.40                     | 38.402            |                    |          |
| 11,800.0                                                                     | 11,180.0              | 10,773.8              | 10,150.0              | 30.1             | 17.9          | -52.84                | 842.0                               | -366.1       | 1,705.1                | 1,660.5                 | 44.61                     | 38.225            |                    |          |
| 11,900.0                                                                     | 11,180.0              | 10,873.8              | 10,150.0              | 30.2             | 18.1          | -52.84                | 942.0                               | -366.5       | 1,705.1                | 1,660.2                 | 44.86                     | 38.012            |                    |          |
| 12,000.0                                                                     | 11,180.0              | 10,973.8              | 10,150.0              | 30.4             | 18.4          | -52.84                | 1,042.0                             | -366.9       | 1,705.1                | 1,659.9                 | 45.16                     | 37.759            |                    |          |
| 12,100.0                                                                     | 11,180.0              | 11,073.8              | 10,150.0              | 30.6             | 18.6          | -52.84                | 1,142.0                             | -367.3       | 1,705.1                | 1,659.6                 | 45.51                     | 37.469            |                    |          |
| 12,200.0                                                                     | 11,180.0              | 11,173.8              | 10,150.0              | 30.7             | 19.0          | -52.84                | 1,242.0                             | -367.7       | 1,705.1                | 1,659.2                 | 45.91                     | 37.144            |                    |          |
| 12,300.0                                                                     | 11,180.0              | 11,273.8              | 10,150.0              | 30.9             | 19.3          | -52.84                | 1,342.0                             | -368.1       | 1,705.1                | 1,658.8                 | 46.35                     | 36.787            |                    |          |
| 12,400.0                                                                     | 11,180.0              | 11,373.8              | 10,150.0              | 31.2             | 19.7          | -52.84                | 1,442.0                             | -368.5       | 1,705.1                | 1,658.3                 | 46.84                     | 36.401            |                    |          |
| 12,500.0                                                                     | 11,180.0              | 11,473.8              | 10,150.0              | 31.4             | 20.1          | -52.84                | 1,542.0                             | -368.9       | 1,705.1                | 1,657.7                 | 47.38                     | 35.989            |                    |          |
| 12,600.0                                                                     | 11,180.0              | 11,573.8              | 10,150.0              | 31.7             | 20.5          | -52.84                | 1,642.0                             | -369.3       | 1,705.1                | 1,657.2                 | 47.96                     | 35.555            |                    |          |
| 12,700.0                                                                     | 11,180.0              | 11,673.8              | 10,150.0              | 31.9             | 20.9          | -52.84                | 1,742.0                             | -369.7       | 1,705.1                | 1,656.5                 | 48.58                     | 35.101            |                    |          |
| 12,800.0                                                                     | 11,180.0              | 11,773.8              | 10,150.0              | 32.2             | 21.3          | -52.84                | 1,842.0                             | -370.1       | 1,705.1                | 1,655.9                 | 49.24                     | 34.631            |                    |          |
| 12,900.0                                                                     | 11,180.0              | 11,873.8              | 10,150.0              | 32.6             | 21.8          | -52.84                | 1,942.0                             | -370.5       | 1,705.1                | 1,655.2                 | 49.94                     | 34.147            |                    |          |
| 13,000.0                                                                     | 11,180.0              | 11,973.8              | 10,150.0              | 32.9             | 22.3          | -52.84                | 2,042.0                             | -370.9       | 1,705.1                | 1,654.5                 | 50.67                     | 33.652            |                    |          |
| 13,100.0                                                                     | 11,180.0              | 12,073.8              | 10,150.0              | 33.2             | 22.8          | -52.84                | 2,142.0                             | -371.3       | 1,705.1                | 1,653.7                 | 51.44                     | 33.148            |                    |          |
| 13,200.0                                                                     | 11,180.0              | 12,173.8              | 10,150.0              | 33.6             | 23.3          | -52.84                | 2,242.0                             | -371.7       | 1,705.1                | 1,652.9                 | 52.24                     | 32.639            |                    |          |
| 13,300.0                                                                     | 11,180.0              | 12,273.8              | 10,150.0              | 33.9             | 23.8          | -52.84                | 2,342.0                             | -372.1       | 1,705.1                | 1,652.0                 | 53.08                     | 32.126            |                    |          |
| 13,400.0                                                                     | 11,180.0              | 12,373.8              | 10,150.0              | 34.3             | 24.4          | -52.84                | 2,442.0                             | -372.5       | 1,705.1                | 1,651.2                 | 53.94                     | 31.610            |                    |          |
| 13,500.0                                                                     | 11,180.0              | 12,473.8              | 10,150.0              | 34.7             | 24.9          | -52.84                | 2,542.0                             | -372.9       | 1,705.1                | 1,650.3                 | 54.84                     | 31.095            |                    |          |
| 13,600.0                                                                     | 11,180.0              | 12,573.8              | 10,150.0              | 35.1             | 25.5          | -52.84                | 2,642.0                             | -373.3       | 1,705.1                | 1,649.4                 | 55.76                     | 30.581            |                    |          |
| 13,700.0                                                                     | 11,180.0              | 12,673.8              | 10,150.0              | 35.6             | 26.1          | -52.84                | 2,742.0                             | -373.7       | 1,705.1                | 1,648.4                 | 56.71                     | 30.070            |                    |          |
| 13,800.0                                                                     | 11,180.0              | 12,773.8              | 10,150.0              | 36.0             | 26.7          | -52.84                | 2,842.0                             | -374.1       | 1,705.1                | 1,647.5                 | 57.68                     | 29.563            |                    |          |
| 13,900.0                                                                     | 11,180.0              | 12,873.8              | 10,150.0              | 36.5             | 27.2          | -52.84                | 2,942.0                             | -374.5       | 1,705.1                | 1,646.5                 | 58.68                     | 29.061            |                    |          |
| 14,000.0                                                                     | 11,180.0              | 12,973.8              | 10,150.0              | 36.9             | 27.8          | -52.84                | 3,042.0                             | -374.9       | 1,705.1                | 1,645.4                 | 59.69                     | 28.565            |                    |          |
| 14,100.0                                                                     | 11,180.0              | 13,073.8              | 10,150.0              | 37.4             | 28.5          | -52.84                | 3,142.0                             | -375.3       | 1,705.1                | 1,644.4                 | 60.73                     | 28.075            |                    |          |
| 14,200.0                                                                     | 11,180.0              | 13,173.8              | 10,150.0              | 37.9             | 29.1          | -52.84                | 3,242.0                             | -375.7       | 1,705.1                | 1,643.3                 | 61.79                     | 27.594            |                    |          |
| 14,300.0                                                                     | 11,180.0              | 13,273.8              | 10,150.0              | 38.4             | 29.7          | -52.84                | 3,342.0                             | -376.1       | 1,705.1                | 1,642.3                 | 62.87                     | 27.120            |                    |          |
| 14,400.0                                                                     | 11,180.0              | 13,373.8              | 10,150.0              | 38.9             | 30.3          | -52.84                | 3,442.0                             | -376.5       | 1,705.1                | 1,641.2                 | 63.97                     | 26.654            |                    |          |
| 14,500.0                                                                     | 11,180.0              | 13,473.8              | 10,150.0              | 39.4             | 31.0          | -52.84                | 3,542.0                             | -376.9       | 1,705.1                | 1,640.1                 | 65.09                     | 26.198            |                    |          |
| 14,600.0                                                                     | 11,180.0              | 13,573.8              | 10,150.0              | 39.9             | 31.6          | -52.84                | 3,642.0                             | -377.4       | 1,705.1                | 1,638.9                 | 66.22                     | 25.750            |                    |          |
| 14,700.0                                                                     | 11,180.0              | 13,673.8              | 10,150.0              | 40.4             | 32.3          | -52.84                | 3,742.0                             | -377.8       | 1,705.1                | 1,637.8                 | 67.37                     | 25.312            |                    |          |
| 14,800.0                                                                     | 11,180.0              | 13,773.8              | 10,150.0              | 40.9             | 32.9          | -52.84                | 3,842.0                             | -378.2       | 1,705.1                | 1,636.6                 | 68.53                     | 24.883            |                    |          |
| 14,900.0                                                                     | 11,180.0              | 13,873.8              | 10,150.0              | 41.5             | 33.6          | -52.84                | 3,942.0                             | -378.6       | 1,705.2                | 1,635.4                 | 69.70                     | 24.463            |                    |          |
| 15,000.0                                                                     | 11,180.0              | 13,973.8              | 10,150.0              | 42.0             | 34.2          | -52.84                | 4,042.0                             | -379.0       | 1,705.2                | 1,634.3                 | 70.89                     | 24.052            |                    |          |
| 15,100.0                                                                     | 11,180.0              | 14,073.8              | 10,150.0              | 42.6             | 34.9          | -52.84                | 4,142.0                             | -379.4       | 1,705.2                | 1,633.1                 | 72.09                     | 23.652            |                    |          |
| 15,200.0                                                                     | 11,180.0              | 14,173.8              | 10,150.0              | 43.2             | 35.6          | -52.84                | 4,242.0                             | -379.8       | 1,705.2                | 1,631.8                 | 73.31                     | 23.260            |                    |          |
| 15,300.0                                                                     | 11,180.0              | 14,273.8              | 10,150.0              | 43.7             | 36.3          | -52.84                | 4,342.0                             | -380.2       | 1,705.2                | 1,630.6                 | 74.53                     | 22.878            |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #522H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,400.0                                                                     | 11,180.0                    | 14,373.8                    | 10,150.0                    | 44.3                | 36.9             | -52.84                      | 4,442.0                | -380.6          | 1,705.2                      | 1,629.4                       | 75.77                           | 22.504               |          |
| 15,500.0                                                                     | 11,180.0                    | 14,473.8                    | 10,150.0                    | 44.9                | 37.6             | -52.84                      | 4,542.0                | -381.0          | 1,705.2                      | 1,628.1                       | 77.02                           | 22.140               |          |
| 15,600.0                                                                     | 11,180.0                    | 14,573.8                    | 10,150.0                    | 45.5                | 38.3             | -52.84                      | 4,642.0                | -381.4          | 1,705.2                      | 1,626.9                       | 78.27                           | 21.785               |          |
| 15,700.0                                                                     | 11,180.0                    | 14,673.8                    | 10,150.0                    | 46.1                | 39.0             | -52.84                      | 4,742.0                | -381.8          | 1,705.2                      | 1,625.6                       | 79.54                           | 21.438               |          |
| 15,800.0                                                                     | 11,180.0                    | 14,773.8                    | 10,150.0                    | 46.6                | 39.7             | -52.84                      | 4,842.0                | -382.2          | 1,705.2                      | 1,624.3                       | 80.81                           | 21.100               |          |
| 15,900.0                                                                     | 11,180.0                    | 14,873.8                    | 10,150.0                    | 47.3                | 40.4             | -52.84                      | 4,942.0                | -382.6          | 1,705.2                      | 1,623.1                       | 82.10                           | 20.770               |          |
| 16,000.0                                                                     | 11,180.0                    | 14,973.8                    | 10,150.0                    | 47.9                | 41.1             | -52.84                      | 5,042.0                | -383.0          | 1,705.2                      | 1,621.8                       | 83.39                           | 20.448               |          |
| 16,100.0                                                                     | 11,180.0                    | 15,073.8                    | 10,150.0                    | 48.5                | 41.8             | -52.84                      | 5,142.0                | -383.4          | 1,705.2                      | 1,620.5                       | 84.69                           | 20.135               |          |
| 16,200.0                                                                     | 11,180.0                    | 15,173.8                    | 10,150.0                    | 49.1                | 42.5             | -52.84                      | 5,242.0                | -383.8          | 1,705.2                      | 1,619.2                       | 86.00                           | 19.829               |          |
| 16,300.0                                                                     | 11,180.0                    | 15,273.8                    | 10,150.0                    | 49.7                | 43.2             | -52.84                      | 5,342.0                | -384.2          | 1,705.2                      | 1,617.9                       | 87.31                           | 19.530               |          |
| 16,400.0                                                                     | 11,180.0                    | 15,373.8                    | 10,150.0                    | 50.3                | 43.9             | -52.84                      | 5,442.0                | -384.6          | 1,705.2                      | 1,616.5                       | 88.63                           | 19.239               |          |
| 16,500.0                                                                     | 11,180.0                    | 15,473.8                    | 10,150.0                    | 51.0                | 44.6             | -52.84                      | 5,542.0                | -385.0          | 1,705.2                      | 1,615.2                       | 89.96                           | 18.956               |          |
| 16,600.0                                                                     | 11,180.0                    | 15,573.8                    | 10,150.0                    | 51.6                | 45.3             | -52.84                      | 5,642.0                | -385.4          | 1,705.2                      | 1,613.9                       | 91.29                           | 18.679               |          |
| 16,700.0                                                                     | 11,180.0                    | 15,673.8                    | 10,150.0                    | 52.2                | 46.0             | -52.84                      | 5,742.0                | -385.8          | 1,705.2                      | 1,612.5                       | 92.63                           | 18.409               |          |
| 16,800.0                                                                     | 11,180.0                    | 15,773.8                    | 10,150.0                    | 52.9                | 46.7             | -52.84                      | 5,842.0                | -386.2          | 1,705.2                      | 1,611.2                       | 93.97                           | 18.145               |          |
| 16,900.0                                                                     | 11,180.0                    | 15,873.8                    | 10,150.0                    | 53.5                | 47.4             | -52.84                      | 5,942.0                | -386.6          | 1,705.2                      | 1,609.9                       | 95.32                           | 17.888               |          |
| 17,000.0                                                                     | 11,180.0                    | 15,973.8                    | 10,150.0                    | 54.2                | 48.2             | -52.84                      | 6,042.0                | -387.0          | 1,705.2                      | 1,608.5                       | 96.68                           | 17.638               |          |
| 17,100.0                                                                     | 11,180.0                    | 16,073.8                    | 10,150.0                    | 54.8                | 48.9             | -52.84                      | 6,142.0                | -387.4          | 1,705.2                      | 1,607.1                       | 98.04                           | 17.393               |          |
| 17,200.0                                                                     | 11,180.0                    | 16,173.8                    | 10,150.0                    | 55.5                | 49.6             | -52.84                      | 6,242.0                | -387.8          | 1,705.2                      | 1,605.8                       | 99.40                           | 17.154               |          |
| 17,300.0                                                                     | 11,180.0                    | 16,273.8                    | 10,150.0                    | 56.1                | 50.3             | -52.84                      | 6,342.0                | -388.2          | 1,705.2                      | 1,604.4                       | 100.77                          | 16.921               |          |
| 17,400.0                                                                     | 11,180.0                    | 16,373.8                    | 10,150.0                    | 56.8                | 51.0             | -52.84                      | 6,442.0                | -388.6          | 1,705.2                      | 1,603.0                       | 102.15                          | 16.693               |          |
| 17,500.0                                                                     | 11,180.0                    | 16,473.8                    | 10,150.0                    | 57.4                | 51.8             | -52.84                      | 6,542.0                | -389.0          | 1,705.2                      | 1,601.7                       | 103.53                          | 16.471               |          |
| 17,600.0                                                                     | 11,180.0                    | 16,573.8                    | 10,150.0                    | 58.1                | 52.5             | -52.84                      | 6,642.0                | -389.4          | 1,705.2                      | 1,600.3                       | 104.91                          | 16.254               |          |
| 17,700.0                                                                     | 11,180.0                    | 16,673.8                    | 10,150.0                    | 58.8                | 53.2             | -52.84                      | 6,742.0                | -389.8          | 1,705.2                      | 1,598.9                       | 106.29                          | 16.042               |          |
| 17,800.0                                                                     | 11,180.0                    | 16,773.8                    | 10,150.0                    | 59.4                | 54.0             | -52.84                      | 6,842.0                | -390.2          | 1,705.2                      | 1,597.5                       | 107.68                          | 15.835               |          |
| 17,900.0                                                                     | 11,180.0                    | 16,873.8                    | 10,150.0                    | 60.1                | 54.7             | -52.84                      | 6,942.0                | -390.6          | 1,705.2                      | 1,596.1                       | 109.08                          | 15.633               |          |
| 18,000.0                                                                     | 11,180.0                    | 16,973.8                    | 10,150.0                    | 60.8                | 55.4             | -52.84                      | 7,042.0                | -391.0          | 1,705.2                      | 1,594.7                       | 110.47                          | 15.435               |          |
| 18,100.0                                                                     | 11,180.0                    | 17,073.8                    | 10,150.0                    | 61.4                | 56.1             | -52.84                      | 7,142.0                | -391.4          | 1,705.2                      | 1,593.3                       | 111.87                          | 15.242               |          |
| 18,200.0                                                                     | 11,180.0                    | 17,173.8                    | 10,150.0                    | 62.1                | 56.9             | -52.84                      | 7,242.0                | -391.8          | 1,705.2                      | 1,591.9                       | 113.28                          | 15.053               |          |
| 18,300.0                                                                     | 11,180.0                    | 17,273.8                    | 10,150.0                    | 62.8                | 57.6             | -52.84                      | 7,342.0                | -392.2          | 1,705.2                      | 1,590.5                       | 114.68                          | 14.869               |          |
| 18,400.0                                                                     | 11,180.0                    | 17,373.8                    | 10,150.0                    | 63.5                | 58.3             | -52.84                      | 7,442.0                | -392.6          | 1,705.2                      | 1,589.1                       | 116.09                          | 14.688               |          |
| 18,500.0                                                                     | 11,180.0                    | 17,473.8                    | 10,150.0                    | 64.2                | 59.1             | -52.84                      | 7,542.0                | -393.0          | 1,705.2                      | 1,587.7                       | 117.50                          | 14.512               |          |
| 18,600.0                                                                     | 11,180.0                    | 17,573.8                    | 10,150.0                    | 64.8                | 59.8             | -52.84                      | 7,642.0                | -393.4          | 1,705.2                      | 1,586.3                       | 118.92                          | 14.339               |          |
| 18,700.0                                                                     | 11,180.0                    | 17,673.8                    | 10,150.0                    | 65.5                | 60.5             | -52.84                      | 7,742.0                | -393.8          | 1,705.2                      | 1,584.9                       | 120.34                          | 14.170               |          |
| 18,800.0                                                                     | 11,180.0                    | 17,773.8                    | 10,150.0                    | 66.2                | 61.3             | -52.84                      | 7,842.0                | -394.2          | 1,705.2                      | 1,583.5                       | 121.76                          | 14.005               |          |
| 18,900.0                                                                     | 11,180.0                    | 17,873.8                    | 10,150.0                    | 66.9                | 62.0             | -52.84                      | 7,942.0                | -394.6          | 1,705.2                      | 1,582.0                       | 123.18                          | 13.843               |          |
| 19,000.0                                                                     | 11,180.0                    | 17,973.8                    | 10,150.0                    | 67.6                | 62.8             | -52.84                      | 8,042.0                | -395.0          | 1,705.2                      | 1,580.6                       | 124.61                          | 13.685               |          |
| 19,100.0                                                                     | 11,180.0                    | 18,073.8                    | 10,150.0                    | 68.3                | 63.5             | -52.84                      | 8,142.0                | -395.4          | 1,705.2                      | 1,579.2                       | 126.03                          | 13.530               |          |
| 19,200.0                                                                     | 11,180.0                    | 18,173.8                    | 10,150.0                    | 69.0                | 64.2             | -52.84                      | 8,242.0                | -395.8          | 1,705.2                      | 1,577.8                       | 127.46                          | 13.378               |          |
| 19,300.0                                                                     | 11,180.0                    | 18,273.8                    | 10,150.0                    | 69.7                | 65.0             | -52.84                      | 8,342.0                | -396.2          | 1,705.2                      | 1,576.3                       | 128.89                          | 13.230               |          |
| 19,400.0                                                                     | 11,180.0                    | 18,373.8                    | 10,150.0                    | 70.4                | 65.7             | -52.84                      | 8,442.0                | -396.6          | 1,705.2                      | 1,574.9                       | 130.33                          | 13.084               |          |
| 19,500.0                                                                     | 11,180.0                    | 18,473.8                    | 10,150.0                    | 71.1                | 66.5             | -52.84                      | 8,542.0                | -397.0          | 1,705.2                      | 1,573.5                       | 131.76                          | 12.941               |          |
| 19,600.0                                                                     | 11,180.0                    | 18,573.8                    | 10,150.0                    | 71.8                | 67.2             | -52.84                      | 8,642.0                | -397.4          | 1,705.2                      | 1,572.0                       | 133.20                          | 12.802               |          |
| 19,700.0                                                                     | 11,180.0                    | 18,673.8                    | 10,150.0                    | 72.5                | 67.9             | -52.84                      | 8,742.0                | -397.8          | 1,705.2                      | 1,570.6                       | 134.64                          | 12.665               |          |
| 19,800.0                                                                     | 11,180.0                    | 18,773.8                    | 10,150.0                    | 73.2                | 68.7             | -52.84                      | 8,842.0                | -398.2          | 1,705.2                      | 1,569.1                       | 136.08                          | 12.531               |          |
| 19,900.0                                                                     | 11,180.0                    | 18,873.8                    | 10,150.0                    | 73.9                | 69.4             | -52.84                      | 8,942.0                | -398.7          | 1,705.2                      | 1,567.7                       | 137.53                          | 12.399               |          |
| 20,000.0                                                                     | 11,180.0                    | 18,973.8                    | 10,150.0                    | 74.6                | 70.2             | -52.84                      | 9,042.0                | -399.1          | 1,705.2                      | 1,566.3                       | 138.97                          | 12.270               |          |
| 20,100.0                                                                     | 11,180.0                    | 19,073.8                    | 10,150.0                    | 75.3                | 70.9             | -52.84                      | 9,142.0                | -399.5          | 1,705.2                      | 1,564.8                       | 140.42                          | 12.144               |          |
| 20,200.0                                                                     | 11,180.0                    | 19,173.8                    | 10,150.0                    | 76.0                | 71.7             | -52.84                      | 9,242.0                | -399.9          | 1,705.2                      | 1,563.4                       | 141.87                          | 12.020               |          |
| 20,300.0                                                                     | 11,180.0                    | 19,273.8                    | 10,150.0                    | 76.7                | 72.4             | -52.84                      | 9,342.0                | -400.3          | 1,705.2                      | 1,561.9                       | 143.32                          | 11.898               |          |
| 20,400.0                                                                     | 11,180.0                    | 19,373.8                    | 10,150.0                    | 77.4                | 73.1             | -52.84                      | 9,442.0                | -400.7          | 1,705.2                      | 1,560.5                       | 144.77                          | 11.779               |          |
| 20,500.0                                                                     | 11,180.0                    | 19,473.8                    | 10,150.0                    | 78.1                | 73.9             | -52.84                      | 9,542.0                | -401.1          | 1,705.2                      | 1,559.0                       | 146.22                          | 11.662               |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          |                                    |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #522H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                    |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                        | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                          |                                    |
| 20,600.0                                                                            | 11,180.0                     | 19,573.8                     | 10,150.0                     | 78.8                    | 74.6                 | -52.84                       | 9,641.9                       | -401.5              | 1,705.2                       | 1,557.6                        | 147.68                           | 11.547                   |                                    |
| 20,700.0                                                                            | 11,180.0                     | 19,673.8                     | 10,150.0                     | 79.6                    | 75.4                 | -52.84                       | 9,741.9                       | -401.9              | 1,705.2                       | 1,556.1                        | 149.13                           | 11.434                   |                                    |
| 20,800.0                                                                            | 11,180.0                     | 19,773.8                     | 10,150.0                     | 80.3                    | 76.1                 | -52.84                       | 9,841.9                       | -402.3              | 1,705.2                       | 1,554.7                        | 150.59                           | 11.324                   |                                    |
| 20,900.0                                                                            | 11,180.0                     | 19,873.8                     | 10,150.0                     | 81.0                    | 76.9                 | -52.84                       | 9,941.9                       | -402.7              | 1,705.2                       | 1,553.2                        | 152.05                           | 11.215                   |                                    |
| 21,000.0                                                                            | 11,180.0                     | 19,973.8                     | 10,150.0                     | 81.7                    | 77.6                 | -52.84                       | 10,041.9                      | -403.1              | 1,705.2                       | 1,551.7                        | 153.51                           | 11.109                   |                                    |
| 21,100.0                                                                            | 11,180.0                     | 20,073.8                     | 10,150.0                     | 82.4                    | 78.4                 | -52.84                       | 10,141.9                      | -403.5              | 1,705.2                       | 1,550.3                        | 154.97                           | 11.004                   |                                    |
| 21,200.0                                                                            | 11,180.0                     | 20,173.8                     | 10,150.0                     | 83.1                    | 79.1                 | -52.84                       | 10,241.9                      | -403.9              | 1,705.2                       | 1,548.8                        | 156.43                           | 10.901                   |                                    |
| 21,300.0                                                                            | 11,180.0                     | 20,273.8                     | 10,150.0                     | 83.9                    | 79.9                 | -52.84                       | 10,341.9                      | -404.3              | 1,705.2                       | 1,547.4                        | 157.89                           | 10.800                   |                                    |
| 21,400.0                                                                            | 11,180.0                     | 20,373.8                     | 10,150.0                     | 84.6                    | 80.6                 | -52.84                       | 10,441.9                      | -404.7              | 1,705.2                       | 1,545.9                        | 159.36                           | 10.701                   |                                    |
| 21,500.0                                                                            | 11,180.0                     | 20,473.8                     | 10,150.0                     | 85.3                    | 81.4                 | -52.84                       | 10,541.9                      | -405.1              | 1,705.3                       | 1,544.4                        | 160.82                           | 10.603                   |                                    |
| 21,600.0                                                                            | 11,180.0                     | 20,573.8                     | 10,150.0                     | 86.0                    | 82.1                 | -52.84                       | 10,641.9                      | -405.5              | 1,705.3                       | 1,543.0                        | 162.29                           | 10.508                   |                                    |
| 21,700.0                                                                            | 11,180.0                     | 20,673.8                     | 10,150.0                     | 86.7                    | 82.9                 | -52.84                       | 10,741.9                      | -405.9              | 1,705.3                       | 1,541.5                        | 163.76                           | 10.413                   |                                    |
| 21,800.0                                                                            | 11,180.0                     | 20,773.8                     | 10,150.0                     | 87.5                    | 83.6                 | -52.84                       | 10,841.9                      | -406.3              | 1,705.3                       | 1,540.0                        | 165.22                           | 10.321                   |                                    |
| 21,900.0                                                                            | 11,180.0                     | 20,873.8                     | 10,150.0                     | 88.2                    | 84.4                 | -52.84                       | 10,941.9                      | -406.7              | 1,705.3                       | 1,538.6                        | 166.69                           | 10.230                   |                                    |
| 22,000.0                                                                            | 11,180.0                     | 20,973.8                     | 10,150.0                     | 88.9                    | 85.1                 | -52.84                       | 11,041.9                      | -407.1              | 1,705.3                       | 1,537.1                        | 168.16                           | 10.140                   |                                    |
| 22,100.0                                                                            | 11,180.0                     | 21,073.8                     | 10,150.0                     | 89.6                    | 85.9                 | -52.84                       | 11,141.9                      | -407.5              | 1,705.3                       | 1,535.6                        | 169.64                           | 10.052                   |                                    |
| 22,200.0                                                                            | 11,180.0                     | 21,173.8                     | 10,150.0                     | 90.4                    | 86.6                 | -52.84                       | 11,241.9                      | -407.9              | 1,705.3                       | 1,534.2                        | 171.11                           | 9.966                    |                                    |
| 22,300.0                                                                            | 11,180.0                     | 21,273.8                     | 10,150.0                     | 91.1                    | 87.4                 | -52.84                       | 11,341.9                      | -408.3              | 1,705.3                       | 1,532.7                        | 172.58                           | 9.881                    |                                    |
| 22,400.0                                                                            | 11,180.0                     | 21,373.8                     | 10,150.0                     | 91.8                    | 88.1                 | -52.84                       | 11,441.9                      | -408.7              | 1,705.3                       | 1,531.2                        | 174.06                           | 9.797                    |                                    |
| 22,500.0                                                                            | 11,180.0                     | 21,473.8                     | 10,150.0                     | 92.5                    | 88.9                 | -52.84                       | 11,541.9                      | -409.1              | 1,705.3                       | 1,529.7                        | 175.53                           | 9.715                    |                                    |
| 22,600.0                                                                            | 11,180.0                     | 21,573.8                     | 10,150.0                     | 93.3                    | 89.6                 | -52.84                       | 11,641.9                      | -409.5              | 1,705.3                       | 1,528.3                        | 177.01                           | 9.634                    |                                    |
| 22,700.0                                                                            | 11,180.0                     | 21,673.8                     | 10,150.0                     | 94.0                    | 90.4                 | -52.84                       | 11,741.9                      | -409.9              | 1,705.3                       | 1,526.8                        | 178.48                           | 9.554                    |                                    |
| 22,800.0                                                                            | 11,180.0                     | 21,773.8                     | 10,150.0                     | 94.7                    | 91.1                 | -52.84                       | 11,841.9                      | -410.3              | 1,705.3                       | 1,525.3                        | 179.96                           | 9.476                    |                                    |
| 22,900.0                                                                            | 11,180.0                     | 21,873.8                     | 10,150.0                     | 95.4                    | 91.9                 | -52.84                       | 11,941.9                      | -410.7              | 1,705.3                       | 1,523.8                        | 181.44                           | 9.399                    |                                    |
| 23,000.0                                                                            | 11,180.0                     | 21,973.8                     | 10,150.0                     | 96.2                    | 92.6                 | -52.84                       | 12,041.9                      | -411.1              | 1,705.3                       | 1,522.4                        | 182.92                           | 9.323                    |                                    |
| 23,100.0                                                                            | 11,180.0                     | 22,073.8                     | 10,150.0                     | 96.9                    | 93.4                 | -52.84                       | 12,141.9                      | -411.5              | 1,705.3                       | 1,520.9                        | 184.40                           | 9.248                    |                                    |
| 23,200.0                                                                            | 11,180.0                     | 22,173.8                     | 10,150.0                     | 97.6                    | 94.2                 | -52.84                       | 12,241.9                      | -411.9              | 1,705.3                       | 1,519.4                        | 185.88                           | 9.174                    |                                    |
| 23,300.0                                                                            | 11,180.0                     | 22,273.8                     | 10,150.0                     | 98.4                    | 94.9                 | -52.84                       | 12,341.9                      | -412.3              | 1,705.3                       | 1,517.9                        | 187.36                           | 9.102                    |                                    |
| 23,400.0                                                                            | 11,180.0                     | 22,373.8                     | 10,150.0                     | 99.1                    | 95.7                 | -52.84                       | 12,441.9                      | -412.7              | 1,705.3                       | 1,516.4                        | 188.84                           | 9.030                    |                                    |
| 23,500.0                                                                            | 11,180.0                     | 22,473.8                     | 10,150.0                     | 99.8                    | 96.4                 | -52.84                       | 12,541.9                      | -413.1              | 1,705.3                       | 1,515.0                        | 190.32                           | 8.960                    |                                    |
| 23,600.0                                                                            | 11,180.0                     | 22,573.8                     | 10,150.0                     | 100.6                   | 97.2                 | -52.84                       | 12,641.9                      | -413.5              | 1,705.3                       | 1,513.5                        | 191.81                           | 8.891                    |                                    |
| 23,700.0                                                                            | 11,180.0                     | 22,673.8                     | 10,150.0                     | 101.3                   | 97.9                 | -52.84                       | 12,741.9                      | -413.9              | 1,705.3                       | 1,512.0                        | 193.29                           | 8.822                    |                                    |
| 23,800.0                                                                            | 11,180.0                     | 22,773.8                     | 10,150.0                     | 102.0                   | 98.7                 | -52.84                       | 12,841.9                      | -414.3              | 1,705.3                       | 1,510.5                        | 194.77                           | 8.755                    |                                    |
| 23,900.0                                                                            | 11,180.0                     | 22,873.8                     | 10,150.0                     | 102.8                   | 99.4                 | -52.84                       | 12,941.9                      | -414.7              | 1,705.3                       | 1,509.0                        | 196.26                           | 8.689                    |                                    |
| 24,000.0                                                                            | 11,180.0                     | 22,973.8                     | 10,150.0                     | 103.5                   | 100.2                | -52.84                       | 13,041.9                      | -415.1              | 1,705.3                       | 1,507.5                        | 197.74                           | 8.624                    |                                    |
| 24,100.0                                                                            | 11,180.0                     | 23,073.8                     | 10,150.0                     | 104.2                   | 100.9                | -52.84                       | 13,141.9                      | -415.5              | 1,705.3                       | 1,506.1                        | 199.23                           | 8.559                    |                                    |
| 24,200.0                                                                            | 11,180.0                     | 23,173.8                     | 10,150.0                     | 105.0                   | 101.7                | -52.84                       | 13,241.9                      | -415.9              | 1,705.3                       | 1,504.6                        | 200.72                           | 8.496                    |                                    |
| 24,300.0                                                                            | 11,180.0                     | 23,273.8                     | 10,150.0                     | 105.7                   | 102.5                | -52.84                       | 13,341.9                      | -416.3              | 1,705.3                       | 1,503.1                        | 202.20                           | 8.434                    |                                    |
| 24,400.0                                                                            | 11,180.0                     | 23,373.8                     | 10,150.0                     | 106.5                   | 103.2                | -52.84                       | 13,441.9                      | -416.7              | 1,705.3                       | 1,501.6                        | 203.69                           | 8.372                    |                                    |
| 24,486.5                                                                            | 11,180.0                     | 23,460.3                     | 10,150.0                     | 107.1                   | 103.8                | -52.84                       | 13,528.4                      | -417.1              | 1,705.3                       | 1,500.5                        | 204.82                           | 8.326 SF                 |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                    |          |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #523H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor  | Warning  |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                    |          |
| 0.0                                                                          | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 155.1                   | 6.43                      | 25.125             |          |
| 100.0                                                                        | 100.0                 | 100.0                 | 100.0                 | 3.2              | 3.2           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 154.6                   | 6.89                      | 23.436             |          |
| 200.0                                                                        | 200.0                 | 200.0                 | 200.0                 | 3.5              | 3.5           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 154.2                   | 7.33                      | 22.042             |          |
| 300.0                                                                        | 300.0                 | 300.0                 | 300.0                 | 3.7              | 3.7           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 153.8                   | 7.74                      | 20.866             |          |
| 400.0                                                                        | 400.0                 | 400.0                 | 400.0                 | 3.9              | 3.9           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 153.4                   | 8.14                      | 19.855             |          |
| 500.0                                                                        | 500.0                 | 500.0                 | 500.0                 | 4.1              | 4.1           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 153.0                   | 8.51                      | 18.973             |          |
| 600.0                                                                        | 600.0                 | 600.0                 | 600.0                 | 4.2              | 4.2           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 152.6                   | 8.88                      | 18.195             |          |
| 700.0                                                                        | 700.0                 | 700.0                 | 700.0                 | 4.4              | 4.4           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 152.3                   | 9.23                      | 17.501             |          |
| 800.0                                                                        | 800.0                 | 800.0                 | 800.0                 | 4.6              | 4.6           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 152.0                   | 9.57                      | 16.878             |          |
| 900.0                                                                        | 900.0                 | 900.0                 | 900.0                 | 4.8              | 4.8           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 151.6                   | 9.90                      | 16.313             |          |
| 1,000.0                                                                      | 1,000.0               | 1,000.0               | 1,000.0               | 4.9              | 4.9           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 151.3                   | 10.22                     | 15.798             |          |
| 1,100.0                                                                      | 1,100.0               | 1,100.0               | 1,100.0               | 5.1              | 5.1           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 151.0                   | 10.54                     | 15.326             |          |
| 1,200.0                                                                      | 1,200.0               | 1,200.0               | 1,200.0               | 5.2              | 5.2           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 150.7                   | 10.85                     | 14.891             |          |
| 1,300.0                                                                      | 1,300.0               | 1,300.0               | 1,300.0               | 5.4              | 5.4           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 150.4                   | 11.15                     | 14.488             |          |
| 1,400.0                                                                      | 1,400.0               | 1,400.0               | 1,400.0               | 5.5              | 5.5           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 150.1                   | 11.44                     | 14.114             |          |
| 1,500.0                                                                      | 1,500.0               | 1,500.0               | 1,500.0               | 5.7              | 5.7           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 149.8                   | 11.73                     | 13.765             |          |
| 1,600.0                                                                      | 1,600.0               | 1,600.0               | 1,600.0               | 5.8              | 5.8           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 149.5                   | 12.02                     | 13.439             |          |
| 1,700.0                                                                      | 1,700.0               | 1,700.0               | 1,700.0               | 6.0              | 6.0           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 149.2                   | 12.30                     | 13.133             |          |
| 1,800.0                                                                      | 1,800.0               | 1,800.0               | 1,800.0               | 6.1              | 6.1           | 21.81                 | 150.0                  | 60.0         | 161.5                  | 149.0                   | 12.58                     | 12.845 CC          |          |
| 1,900.0                                                                      | 1,900.0               | 1,899.8               | 1,899.8               | 6.3              | 6.3           | 22.27                 | 149.5                  | 61.2         | 161.6                  | 148.7                   | 12.83                     | 12.589             |          |
| 2,000.0                                                                      | 2,000.0               | 1,999.6               | 1,999.5               | 6.4              | 6.4           | 23.65                 | 148.2                  | 64.9         | 161.8                  | 148.7                   | 13.08                     | 12.370 ES          |          |
| 2,100.0                                                                      | 2,100.0               | 2,099.0               | 2,098.7               | 6.5              | 6.6           | 25.94                 | 146.0                  | 71.0         | 162.3                  | 149.0                   | 13.32                     | 12.186             |          |
| 2,200.0                                                                      | 2,200.0               | 2,198.0               | 2,197.3               | 6.7              | 6.8           | 29.08                 | 142.9                  | 79.5         | 163.5                  | 150.0                   | 13.56                     | 12.056             |          |
| 2,300.0                                                                      | 2,300.0               | 2,296.5               | 2,295.1               | 6.8              | 7.0           | 33.01                 | 138.9                  | 90.3         | 165.8                  | 152.0                   | 13.81                     | 12.004             |          |
| 2,400.0                                                                      | 2,400.0               | 2,393.0               | 2,390.6               | 6.9              | 7.2           | 37.47                 | 134.6                  | 103.2        | 169.8                  | 155.8                   | 14.01                     | 12.125             |          |
| 2,500.0                                                                      | 2,500.0               | 2,487.9               | 2,484.3               | 7.0              | 7.4           | 42.03                 | 131.0                  | 118.1        | 177.0                  | 162.8                   | 14.26                     | 12.410             |          |
| 2,600.0                                                                      | 2,600.0               | 2,582.4               | 2,577.2               | 7.2              | 7.6           | -13.56                | 128.2                  | 135.1        | 186.3                  | 171.8                   | 14.57                     | 12.789             |          |
| 2,700.0                                                                      | 2,699.9               | 2,676.4               | 2,669.3               | 7.3              | 7.9           | -9.49                 | 126.2                  | 154.1        | 196.4                  | 181.5                   | 14.91                     | 13.177             |          |
| 2,800.0                                                                      | 2,799.7               | 2,770.1               | 2,760.5               | 7.5              | 8.2           | -5.75                 | 125.0                  | 175.2        | 207.3                  | 192.0                   | 15.29                     | 13.554             |          |
| 2,900.0                                                                      | 2,899.3               | 2,863.8               | 2,851.2               | 7.7              | 8.5           | -2.30                 | 124.6                  | 198.4        | 218.7                  | 203.0                   | 15.70                     | 13.937             |          |
| 3,000.0                                                                      | 2,998.6               | 2,962.0               | 2,946.2               | 7.9              | 8.8           | 1.01                  | 124.6                  | 223.9        | 229.6                  | 213.4                   | 16.21                     | 14.161             |          |
| 3,100.0                                                                      | 3,097.6               | 3,060.8               | 3,041.6               | 8.1              | 9.1           | 4.05                  | 124.6                  | 249.4        | 239.1                  | 222.4                   | 16.74                     | 14.287             |          |
| 3,200.0                                                                      | 3,196.6               | 3,159.6               | 3,137.0               | 8.3              | 9.5           | 6.85                  | 124.6                  | 275.0        | 249.1                  | 231.8                   | 17.35                     | 14.360             |          |
| 3,300.0                                                                      | 3,295.7               | 3,258.3               | 3,232.4               | 8.5              | 9.8           | 7.35                  | 124.6                  | 300.6        | 259.7                  | 241.7                   | 17.97                     | 14.452             |          |
| 3,400.0                                                                      | 3,394.5               | 3,357.4               | 3,328.1               | 8.8              | 10.2          | -1.53                 | 124.6                  | 326.2        | 269.4                  | 250.7                   | 18.66                     | 14.435             |          |
| 3,500.0                                                                      | 3,493.0               | 3,456.9               | 3,424.2               | 9.0              | 10.6          | -8.56                 | 124.6                  | 352.0        | 277.2                  | 257.8                   | 19.36                     | 14.319             |          |
| 3,600.0                                                                      | 3,591.1               | 3,556.7               | 3,520.6               | 9.3              | 11.0          | -13.81                | 124.6                  | 377.8        | 283.0                  | 262.9                   | 20.06                     | 14.104             |          |
| 3,700.0                                                                      | 3,688.9               | 3,656.6               | 3,617.0               | 9.7              | 11.4          | -13.38                | 124.6                  | 403.6        | 287.8                  | 267.0                   | 20.85                     | 13.808             |          |
| 3,800.0                                                                      | 3,786.7               | 3,756.4               | 3,713.5               | 9.9              | 11.8          | -12.98                | 124.6                  | 429.5        | 292.7                  | 271.1                   | 21.58                     | 13.561             |          |
| 3,900.0                                                                      | 3,884.5               | 3,856.3               | 3,810.0               | 10.3             | 12.2          | -12.58                | 124.6                  | 455.3        | 297.6                  | 275.3                   | 22.34                     | 13.320             |          |
| 4,000.0                                                                      | 3,982.3               | 3,956.2               | 3,906.4               | 10.6             | 12.6          | -12.20                | 124.6                  | 481.2        | 302.5                  | 279.4                   | 23.12                     | 13.085             |          |
| 4,100.0                                                                      | 4,080.2               | 4,056.0               | 4,002.9               | 10.9             | 13.1          | -11.83                | 124.6                  | 507.0        | 307.4                  | 283.5                   | 23.91                     | 12.858             |          |
| 4,200.0                                                                      | 4,178.0               | 4,155.9               | 4,099.3               | 11.2             | 13.5          | -11.47                | 124.6                  | 532.8        | 312.3                  | 287.6                   | 24.72                     | 12.638             |          |
| 4,300.0                                                                      | 4,275.8               | 4,255.7               | 4,195.8               | 11.6             | 13.9          | -11.12                | 124.6                  | 558.7        | 317.3                  | 291.7                   | 25.53                     | 12.426             |          |
| 4,400.0                                                                      | 4,373.6               | 4,355.6               | 4,292.2               | 12.0             | 14.4          | -10.79                | 124.6                  | 584.5        | 322.2                  | 295.9                   | 26.37                     | 12.222             |          |
| 4,500.0                                                                      | 4,471.4               | 4,455.5               | 4,388.7               | 12.3             | 14.8          | -10.46                | 124.6                  | 610.4        | 327.2                  | 300.0                   | 27.21                     | 12.026             |          |
| 4,600.0                                                                      | 4,569.2               | 4,555.3               | 4,485.2               | 12.7             | 15.3          | -10.14                | 124.6                  | 636.2        | 332.2                  | 304.1                   | 28.06                     | 11.837             |          |
| 4,700.0                                                                      | 4,667.0               | 4,655.2               | 4,581.6               | 13.1             | 15.7          | -9.84                 | 124.6                  | 662.1        | 337.2                  | 308.2                   | 28.92                     | 11.657             |          |
| 4,800.0                                                                      | 4,764.9               | 4,755.0               | 4,678.1               | 13.5             | 16.2          | -9.54                 | 124.6                  | 687.9        | 342.1                  | 312.4                   | 29.79                     | 11.484             |          |
| 4,900.0                                                                      | 4,862.7               | 4,854.9               | 4,774.5               | 13.9             | 16.6          | -9.25                 | 124.6                  | 713.8        | 347.1                  | 316.5                   | 30.67                     | 11.319             |          |
| 5,000.0                                                                      | 4,960.5               | 4,954.8               | 4,871.0               | 14.3             | 17.1          | -8.97                 | 124.6                  | 739.6        | 352.2                  | 320.6                   | 31.55                     | 11.161             |          |
| 5,100.0                                                                      | 5,058.3               | 5,054.6               | 4,967.4               | 14.7             | 17.5          | -8.69                 | 124.6                  | 765.5        | 357.2                  | 324.7                   | 32.44                     | 11.009             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      |                          |                                    |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|--------------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #523H - OWB - PWP0 |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                    |                                  | <b>Offset</b>                    |                                  | <b>Semi Major Axis</b>      |                          | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>Minimum Separation<br/>(usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth<br/>(usft)</b>                                                    | <b>Vertical Depth<br/>(usft)</b> | <b>Measured Depth<br/>(usft)</b> | <b>Vertical Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                  | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between Centres<br/>(usft)</b> | <b>Between Ellipses<br/>(usft)</b> |                                      |                          |                                    |
| 5,200.0                                                                             | 5,156.1                          | 5,154.5                          | 5,063.9                          | 15.1                        | 18.0                     | -8.43                            | 124.6                         | 791.3                   | 362.2                             | 328.9                              | 33.34                                | 10.864                   |                                    |
| 5,300.0                                                                             | 5,253.9                          | 5,254.3                          | 5,160.4                          | 15.5                        | 18.5                     | -8.17                            | 124.6                         | 817.1                   | 367.2                             | 333.0                              | 34.24                                | 10.725                   |                                    |
| 5,400.0                                                                             | 5,351.8                          | 5,354.2                          | 5,256.8                          | 15.9                        | 18.9                     | -7.92                            | 124.6                         | 843.0                   | 372.3                             | 337.1                              | 35.15                                | 10.592                   |                                    |
| 5,500.0                                                                             | 5,449.6                          | 5,454.0                          | 5,353.3                          | 16.3                        | 19.4                     | -7.67                            | 124.6                         | 868.8                   | 377.3                             | 341.3                              | 36.06                                | 10.464                   |                                    |
| 5,600.0                                                                             | 5,547.4                          | 5,553.9                          | 5,449.7                          | 16.7                        | 19.9                     | -7.43                            | 124.6                         | 894.7                   | 382.4                             | 345.4                              | 36.97                                | 10.342                   |                                    |
| 5,700.0                                                                             | 5,645.2                          | 5,653.8                          | 5,546.2                          | 17.2                        | 20.3                     | -7.20                            | 124.6                         | 920.5                   | 387.4                             | 349.5                              | 37.89                                | 10.224                   |                                    |
| 5,800.0                                                                             | 5,743.0                          | 5,753.6                          | 5,642.6                          | 17.6                        | 20.8                     | -6.98                            | 124.6                         | 946.4                   | 392.5                             | 353.7                              | 38.82                                | 10.112                   |                                    |
| 5,900.0                                                                             | 5,840.8                          | 5,853.5                          | 5,739.1                          | 18.0                        | 21.3                     | -6.75                            | 124.6                         | 972.2                   | 397.6                             | 357.8                              | 39.74                                | 10.004                   |                                    |
| 6,000.0                                                                             | 5,938.6                          | 5,953.3                          | 5,835.6                          | 18.4                        | 21.8                     | -6.54                            | 124.6                         | 998.1                   | 402.7                             | 362.0                              | 40.67                                | 9.900                    |                                    |
| 6,100.0                                                                             | 6,036.5                          | 6,053.2                          | 5,932.0                          | 18.9                        | 22.2                     | -6.33                            | 124.6                         | 1,023.9                 | 407.7                             | 366.1                              | 41.60                                | 9.801                    |                                    |
| 6,200.0                                                                             | 6,134.3                          | 6,153.1                          | 6,028.5                          | 19.3                        | 22.7                     | -6.13                            | 124.6                         | 1,049.8                 | 412.8                             | 370.3                              | 42.54                                | 9.705                    |                                    |
| 6,300.0                                                                             | 6,232.1                          | 6,252.9                          | 6,124.9                          | 19.7                        | 23.2                     | -5.93                            | 124.6                         | 1,075.6                 | 417.9                             | 374.5                              | 43.47                                | 9.613                    |                                    |
| 6,400.0                                                                             | 6,329.9                          | 6,352.8                          | 6,221.4                          | 20.2                        | 23.7                     | -5.73                            | 124.6                         | 1,101.5                 | 423.0                             | 378.6                              | 44.41                                | 9.525                    |                                    |
| 6,500.0                                                                             | 6,427.7                          | 6,452.6                          | 6,317.8                          | 20.6                        | 24.2                     | -5.54                            | 124.6                         | 1,127.3                 | 428.1                             | 382.8                              | 45.35                                | 9.440                    |                                    |
| 6,600.0                                                                             | 6,525.5                          | 6,552.5                          | 6,414.3                          | 21.1                        | 24.6                     | -5.36                            | 124.6                         | 1,153.1                 | 433.2                             | 386.9                              | 46.30                                | 9.358                    |                                    |
| 6,700.0                                                                             | 6,623.3                          | 6,652.4                          | 6,510.8                          | 21.5                        | 25.1                     | -5.18                            | 124.6                         | 1,179.0                 | 438.4                             | 391.1                              | 47.24                                | 9.279                    |                                    |
| 6,800.0                                                                             | 6,721.2                          | 6,752.2                          | 6,607.2                          | 22.0                        | 25.6                     | -5.00                            | 124.6                         | 1,204.8                 | 443.5                             | 395.3                              | 48.19                                | 9.203                    |                                    |
| 6,900.0                                                                             | 6,819.0                          | 6,852.1                          | 6,703.7                          | 22.4                        | 26.1                     | -4.83                            | 124.6                         | 1,230.7                 | 448.6                             | 399.5                              | 49.14                                | 9.129                    |                                    |
| 7,000.0                                                                             | 6,916.8                          | 6,951.9                          | 6,800.1                          | 22.9                        | 26.6                     | -4.66                            | 124.6                         | 1,256.5                 | 453.7                             | 403.6                              | 50.09                                | 9.059                    |                                    |
| 7,100.0                                                                             | 7,014.6                          | 7,051.8                          | 6,896.6                          | 23.3                        | 27.1                     | -4.49                            | 124.6                         | 1,282.4                 | 458.9                             | 407.8                              | 51.04                                | 8.990                    |                                    |
| 7,200.0                                                                             | 7,112.4                          | 7,151.7                          | 6,993.0                          | 23.8                        | 27.5                     | -4.33                            | 124.6                         | 1,308.2                 | 464.0                             | 412.0                              | 51.99                                | 8.924                    |                                    |
| 7,300.0                                                                             | 7,210.3                          | 7,251.5                          | 7,089.5                          | 24.2                        | 28.0                     | -4.17                            | 124.6                         | 1,334.1                 | 469.5                             | 416.5                              | 52.93                                | 8.869                    |                                    |
| 7,400.0                                                                             | 7,308.5                          | 7,351.2                          | 7,185.8                          | 24.6                        | 28.5                     | -4.00                            | 124.6                         | 1,359.9                 | 476.5                             | 422.7                              | 53.87                                | 8.845                    |                                    |
| 7,500.0                                                                             | 7,407.0                          | 7,450.8                          | 7,282.0                          | 25.1                        | 29.0                     | -3.83                            | 124.6                         | 1,385.6                 | 485.4                             | 430.5                              | 54.81                                | 8.855                    |                                    |
| 7,600.0                                                                             | 7,505.8                          | 7,550.3                          | 7,378.1                          | 25.5                        | 29.5                     | -3.65                            | 124.6                         | 1,411.4                 | 495.9                             | 440.2                              | 55.74                                | 8.897                    |                                    |
| 7,700.0                                                                             | 7,604.9                          | 7,649.5                          | 7,473.9                          | 25.9                        | 30.0                     | -3.47                            | 124.6                         | 1,437.1                 | 508.2                             | 451.6                              | 56.65                                | 8.971                    |                                    |
| 7,800.0                                                                             | 7,704.1                          | 7,748.5                          | 7,569.5                          | 26.3                        | 30.4                     | -3.28                            | 124.6                         | 1,462.7                 | 522.2                             | 464.7                              | 57.55                                | 9.074                    |                                    |
| 7,900.0                                                                             | 7,803.6                          | 7,847.2                          | 7,664.9                          | 26.7                        | 30.9                     | -3.10                            | 124.6                         | 1,488.2                 | 538.0                             | 479.5                              | 58.44                                | 9.206                    |                                    |
| 8,000.0                                                                             | 7,903.3                          | 7,945.7                          | 7,760.0                          | 27.1                        | 31.4                     | -2.92                            | 124.6                         | 1,513.7                 | 555.5                             | 496.2                              | 59.31                                | 9.365                    |                                    |
| 8,100.0                                                                             | 8,003.0                          | 8,043.8                          | 7,854.8                          | 27.4                        | 31.9                     | -2.74                            | 124.6                         | 1,539.1                 | 574.7                             | 514.5                              | 60.16                                | 9.552                    |                                    |
| 8,200.0                                                                             | 8,102.9                          | 8,141.6                          | 7,949.2                          | 27.8                        | 32.4                     | -2.57                            | 124.6                         | 1,564.4                 | 595.6                             | 534.6                              | 60.99                                | 9.765                    |                                    |
| 8,300.0                                                                             | 8,202.8                          | 8,238.9                          | 8,043.3                          | 28.1                        | 32.8                     | -2.40                            | 124.6                         | 1,589.6                 | 618.2                             | 556.4                              | 61.78                                | 10.006                   |                                    |
| 8,400.0                                                                             | 8,302.8                          | 8,335.9                          | 8,137.0                          | 28.3                        | 33.3                     | -2.24                            | 124.6                         | 1,614.7                 | 642.5                             | 580.0                              | 62.53                                | 10.275                   |                                    |
| 8,500.0                                                                             | 8,402.8                          | 8,432.6                          | 8,230.3                          | 28.4                        | 33.8                     | -2.07                            | 124.6                         | 1,639.7                 | 668.2                             | 605.1                              | 63.11                                | 10.588                   |                                    |
| 8,600.0                                                                             | 8,502.8                          | 8,529.1                          | 8,323.6                          | 28.4                        | 34.3                     | -1.90                            | 124.6                         | 1,664.7                 | 694.0                             | 630.4                              | 63.67                                | 10.900                   |                                    |
| 8,700.0                                                                             | 8,602.8                          | 8,625.7                          | 8,416.9                          | 28.4                        | 34.7                     | -1.73                            | 124.6                         | 1,689.7                 | 719.9                             | 655.6                              | 64.23                                | 11.207                   |                                    |
| 8,800.0                                                                             | 8,702.8                          | 8,724.9                          | 8,512.7                          | 28.5                        | 35.2                     | -1.56                            | 124.6                         | 1,715.4                 | 745.7                             | 680.9                              | 64.82                                | 11.504                   |                                    |
| 8,900.0                                                                             | 8,802.8                          | 8,845.9                          | 8,603.2                          | 28.5                        | 35.8                     | -1.39                            | 124.6                         | 1,744.4                 | 769.6                             | 704.1                              | 65.54                                | 11.743                   |                                    |
| 9,000.0                                                                             | 8,902.8                          | 8,968.8                          | 8,750.3                          | 28.5                        | 36.4                     | -1.22                            | 124.6                         | 1,770.1                 | 790.5                             | 724.3                              | 66.20                                | 11.941                   |                                    |
| 9,100.0                                                                             | 9,002.8                          | 9,093.2                          | 8,872.7                          | 28.6                        | 37.0                     | -1.05                            | 124.6                         | 1,792.2                 | 808.2                             | 741.4                              | 66.79                                | 12.100                   |                                    |
| 9,200.0                                                                             | 9,102.8                          | 9,218.9                          | 8,997.1                          | 28.6                        | 37.5                     | -0.88                            | 124.6                         | 1,810.4                 | 822.7                             | 755.4                              | 67.30                                | 12.224                   |                                    |
| 9,300.0                                                                             | 9,202.8                          | 9,345.8                          | 9,123.2                          | 28.6                        | 38.1                     | -0.71                            | 124.6                         | 1,824.6                 | 833.9                             | 766.2                              | 67.72                                | 12.313                   |                                    |
| 9,400.0                                                                             | 9,302.8                          | 9,473.4                          | 9,250.4                          | 28.7                        | 38.5                     | -0.54                            | 124.6                         | 1,834.7                 | 841.8                             | 773.8                              | 68.04                                | 12.371                   |                                    |
| 9,500.0                                                                             | 9,402.8                          | 9,601.6                          | 9,378.5                          | 28.7                        | 39.0                     | -0.37                            | 124.6                         | 1,840.6                 | 846.3                             | 778.1                              | 68.25                                | 12.401                   |                                    |
| 9,600.0                                                                             | 9,502.8                          | 9,726.0                          | 9,502.8                          | 28.7                        | 39.2                     | -0.20                            | 124.6                         | 1,842.2                 | 847.6                             | 779.3                              | 68.25                                | 12.418                   |                                    |
| 9,605.1                                                                             | 9,507.9                          | 9,731.1                          | 9,507.9                          | 28.7                        | 39.2                     | -0.03                            | 124.6                         | 1,842.2                 | 847.6                             | 779.3                              | 68.25                                | 12.418                   |                                    |
| 9,700.0                                                                             | 9,602.8                          | 9,815.1                          | 9,591.9                          | 28.8                        | 39.3                     | 0.14                             | 124.8                         | 1,842.2                 | 847.8                             | 779.3                              | 68.46                                | 12.382                   |                                    |
| 9,800.0                                                                             | 9,702.8                          | 9,872.4                          | 9,649.0                          | 28.8                        | 39.3                     | 0.31                             | 128.9                         | 1,844.2                 | 851.5                             | 782.5                              | 69.06                                | 12.330                   |                                    |
| 9,900.0                                                                             | 9,802.8                          | 9,928.2                          | 9,703.8                          | 28.9                        | 39.5                     | 0.48                             | 138.2                         | 1,848.5                 | 860.4                             | 790.9                              | 69.59                                | 12.365                   |                                    |
| 10,000.0                                                                            | 9,902.8                          | 9,981.3                          | 9,754.9                          | 28.9                        | 39.6                     | 0.65                             | 151.6                         | 1,854.8                 | 874.6                             | 804.6                              | 69.99                                | 12.496                   |                                    |
| 10,100.0                                                                            | 10,002.8                         | 10,031.2                         | 9,801.2                          | 28.9                        | 39.7                     | 0.82                             | 168.3                         | 1,862.5                 | 894.3                             | 824.1                              | 70.25                                | 12.730                   |                                    |
| 10,200.0                                                                            | 10,102.8                         | 10,077.2                         | 9,842.3                          | 29.0                        | 39.8                     | 0.99                             | 187.0                         | 1,871.3                 | 919.8                             | 849.4                              | 70.34                                | 13.075                   |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

| Offset Design:        |                        | THUNDERDOME PROJECT - *THUNDERDOME FED COM #523H - OWB - PWP0 |                        |                        |                       |                                     |              |                        |                         |                           |                   | Offset Site Error: |  | 0.0 usft |  |
|-----------------------|------------------------|---------------------------------------------------------------|------------------------|------------------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|--|----------|--|
| Survey Program:       |                        | 0-r.5 MWD+IFR1+MS                                             |                        |                        |                       | Rule Assigned:                      |              |                        |                         | Offset Well Error:        |                   | 3.0 usft           |  |          |  |
| Measured Depth (usft) | Reference Depth (usft) | Measured Depth (usft)                                         | Vertical Offset (usft) | Semi Major Axis (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |  |          |  |
| 10,300.0              | 10,202.8               | 10,119.4                                                      | 9,878.3                | 29.0                   | 39.9                  | 81.76                               | 206.8        | 1,880.5                | 951.0                   | 880.7                     | 70.25             | 13.537             |  |          |  |
| 10,400.0              | 10,302.8               | 10,150.0                                                      | 9,903.4                | 29.0                   | 40.0                  | 80.82                               | 222.8        | 1,887.9                | 988.0                   | 918.1                     | 69.91             | 14.134             |  |          |  |
| 10,500.0              | 10,402.8               | 10,200.0                                                      | 9,942.0                | 29.1                   | 40.1                  | 79.19                               | 251.5        | 1,901.3                | 1,030.6                 | 961.0                     | 69.63             | 14.803             |  |          |  |
| 10,600.0              | 10,502.8               | 10,228.7                                                      | 9,962.8                | 29.1                   | 40.2                  | 78.21                               | 269.5        | 1,909.7                | 1,078.5                 | 1,009.5                   | 69.04             | 15.622             |  |          |  |
| 10,700.0              | 10,602.8               | 10,263.1                                                      | 9,986.5                | 29.1                   | 40.2                  | 76.99                               | 292.2        | 1,919.8                | 1,131.0                 | 1,062.6                   | 68.45             | 16.523             |  |          |  |
| 10,800.0              | 10,702.4               | 10,300.0                                                      | 10,010.5               | 29.2                   | 40.3                  | 70.04                               | 318.2        | 1,930.3                | 1,185.6                 | 1,117.6                   | 67.95             | 17.448             |  |          |  |
| 10,900.0              | 10,799.0               | 10,350.0                                                      | 10,040.4               | 29.3                   | 40.4                  | 63.14                               | 355.9        | 1,943.8                | 1,238.5                 | 1,170.8                   | 67.75             | 18.279             |  |          |  |
| 11,000.0              | 10,889.9               | 10,400.0                                                      | 10,067.2               | 29.4                   | 40.5                  | 57.45                               | 396.2        | 1,956.3                | 1,288.0                 | 1,220.3                   | 67.71             | 19.021             |  |          |  |
| 11,100.0              | 10,972.1               | 10,434.4                                                      | 10,083.8               | 29.5                   | 40.5                  | 53.08                               | 425.3        | 1,964.4                | 1,332.2                 | 1,264.5                   | 67.65             | 19.692             |  |          |  |
| 11,200.0              | 11,043.2               | 10,480.0                                                      | 10,103.2               | 29.6                   | 40.6                  | 49.63                               | 465.2        | 1,974.4                | 1,370.1                 | 1,302.2                   | 67.85             | 20.194             |  |          |  |
| 11,300.0              | 11,101.1               | 10,526.2                                                      | 10,119.8               | 29.7                   | 40.6                  | 47.14                               | 507.4        | 1,983.6                | 1,400.7                 | 1,332.6                   | 68.17             | 20.549             |  |          |  |
| 11,400.0              | 11,144.0               | 10,573.1                                                      | 10,133.5               | 29.7                   | 40.7                  | 45.51                               | 551.5        | 1,991.9                | 1,423.4                 | 1,354.8                   | 68.60             | 20.750             |  |          |  |
| 11,500.0              | 11,170.5               | 10,620.5                                                      | 10,144.0               | 29.8                   | 40.7                  | 44.65                               | 597.1        | 1,999.1                | 1,437.5                 | 1,368.4                   | 69.12             | 20.798             |  |          |  |
| 11,600.0              | 11,179.9               | 10,668.2                                                      | 10,151.1               | 29.9                   | 40.7                  | 44.52                               | 643.8        | 2,005.3                | 1,443.0                 | 1,373.3                   | 69.72             | 20.696             |  |          |  |
| 11,700.0              | 11,180.0               | 10,716.4                                                      | 10,154.6               | 30.0                   | 40.8                  | 44.76                               | 691.7        | 2,010.3                | 1,445.3                 | 1,375.0                   | 70.30             | 20.560             |  |          |  |
| 11,800.0              | 11,180.0               | 10,821.0                                                      | 10,155.1               | 30.1                   | 40.9                  | 44.99                               | 796.0        | 2,017.5                | 1,450.2                 | 1,378.8                   | 71.43             | 20.302             |  |          |  |
| 11,900.0              | 11,180.0               | 10,976.4                                                      | 10,155.0               | 30.2                   | 41.0                  | 45.11                               | 951.4        | 2,021.1                | 1,452.2                 | 1,379.1                   | 73.02             | 19.886             |  |          |  |
| 12,000.0              | 11,180.0               | 11,076.2                                                      | 10,155.0               | 30.4                   | 41.1                  | 45.10                               | 1,051.2      | 2,020.7                | 1,452.2                 | 1,378.1                   | 74.06             | 19.607             |  |          |  |
| 12,100.0              | 11,180.0               | 11,176.2                                                      | 10,154.9               | 30.6                   | 41.3                  | 45.10                               | 1,151.2      | 2,020.3                | 1,452.2                 | 1,377.1                   | 75.12             | 19.331             |  |          |  |
| 12,200.0              | 11,180.0               | 11,276.2                                                      | 10,154.9               | 30.7                   | 41.4                  | 45.10                               | 1,251.2      | 2,019.9                | 1,452.3                 | 1,376.1                   | 76.20             | 19.059             |  |          |  |
| 12,300.0              | 11,180.0               | 11,376.2                                                      | 10,154.9               | 30.9                   | 41.6                  | 45.10                               | 1,351.2      | 2,019.5                | 1,452.3                 | 1,375.0                   | 77.29             | 18.790             |  |          |  |
| 12,400.0              | 11,180.0               | 11,476.2                                                      | 10,154.8               | 31.2                   | 41.7                  | 45.10                               | 1,451.2      | 2,019.1                | 1,452.3                 | 1,373.9                   | 78.40             | 18.525             |  |          |  |
| 12,500.0              | 11,180.0               | 11,576.2                                                      | 10,154.8               | 31.4                   | 41.9                  | 45.10                               | 1,551.2      | 2,018.7                | 1,452.4                 | 1,372.8                   | 79.52             | 18.265             |  |          |  |
| 12,600.0              | 11,180.0               | 11,676.2                                                      | 10,154.7               | 31.7                   | 42.1                  | 45.10                               | 1,651.2      | 2,018.3                | 1,452.4                 | 1,371.7                   | 80.65             | 18.008             |  |          |  |
| 12,700.0              | 11,180.0               | 11,776.2                                                      | 10,154.7               | 31.9                   | 42.3                  | 45.10                               | 1,751.2      | 2,017.9                | 1,452.4                 | 1,370.6                   | 81.80             | 17.756             |  |          |  |
| 12,800.0              | 11,180.0               | 11,876.2                                                      | 10,154.7               | 32.2                   | 42.6                  | 45.10                               | 1,851.2      | 2,017.5                | 1,452.4                 | 1,369.5                   | 82.96             | 17.508             |  |          |  |
| 12,900.0              | 11,180.0               | 11,976.2                                                      | 10,154.6               | 32.6                   | 42.8                  | 45.09                               | 1,951.2      | 2,017.1                | 1,452.5                 | 1,368.3                   | 84.13             | 17.265             |  |          |  |
| 13,000.0              | 11,180.0               | 12,076.2                                                      | 10,154.6               | 32.9                   | 43.1                  | 45.09                               | 2,051.2      | 2,016.7                | 1,452.5                 | 1,367.2                   | 85.31             | 17.026             |  |          |  |
| 13,100.0              | 11,180.0               | 12,176.2                                                      | 10,154.5               | 33.2                   | 43.3                  | 45.09                               | 2,151.2      | 2,016.3                | 1,452.5                 | 1,366.0                   | 86.51             | 16.791             |  |          |  |
| 13,200.0              | 11,180.0               | 12,276.2                                                      | 10,154.5               | 33.6                   | 43.6                  | 45.09                               | 2,251.2      | 2,015.9                | 1,452.6                 | 1,364.9                   | 87.71             | 16.561             |  |          |  |
| 13,300.0              | 11,180.0               | 12,376.2                                                      | 10,154.5               | 33.9                   | 43.9                  | 45.09                               | 2,351.2      | 2,015.5                | 1,452.6                 | 1,363.7                   | 88.93             | 16.335             |  |          |  |
| 13,400.0              | 11,180.0               | 12,476.2                                                      | 10,154.4               | 34.3                   | 44.2                  | 45.09                               | 2,451.1      | 2,015.1                | 1,452.6                 | 1,362.5                   | 90.15             | 16.113             |  |          |  |
| 13,500.0              | 11,180.0               | 12,576.2                                                      | 10,154.4               | 34.7                   | 44.5                  | 45.09                               | 2,551.1      | 2,014.7                | 1,452.7                 | 1,361.3                   | 91.38             | 15.896             |  |          |  |
| 13,600.0              | 11,180.0               | 12,676.2                                                      | 10,154.3               | 35.1                   | 44.8                  | 45.09                               | 2,651.1      | 2,014.3                | 1,452.7                 | 1,360.1                   | 92.63             | 15.683             |  |          |  |
| 13,700.0              | 11,180.0               | 12,776.2                                                      | 10,154.3               | 35.6                   | 45.2                  | 45.09                               | 2,751.1      | 2,013.9                | 1,452.7                 | 1,358.8                   | 93.88             | 15.474             |  |          |  |
| 13,800.0              | 11,180.0               | 12,876.2                                                      | 10,154.3               | 36.0                   | 45.5                  | 45.09                               | 2,851.1      | 2,013.5                | 1,452.7                 | 1,357.6                   | 95.14             | 15.270             |  |          |  |
| 13,900.0              | 11,180.0               | 12,976.2                                                      | 10,154.2               | 36.5                   | 45.9                  | 45.08                               | 2,951.1      | 2,013.1                | 1,452.8                 | 1,356.4                   | 96.41             | 15.069             |  |          |  |
| 14,000.0              | 11,180.0               | 13,076.2                                                      | 10,154.2               | 36.9                   | 46.3                  | 45.08                               | 3,051.1      | 2,012.7                | 1,452.8                 | 1,355.1                   | 97.68             | 14.873             |  |          |  |
| 14,100.0              | 11,180.0               | 13,176.2                                                      | 10,154.1               | 37.4                   | 46.6                  | 45.08                               | 3,151.1      | 2,012.3                | 1,452.8                 | 1,353.9                   | 98.96             | 14.680             |  |          |  |
| 14,200.0              | 11,180.0               | 13,276.2                                                      | 10,154.1               | 37.9                   | 47.0                  | 45.08                               | 3,251.1      | 2,011.9                | 1,452.9                 | 1,352.6                   | 100.25            | 14.492             |  |          |  |
| 14,300.0              | 11,180.0               | 13,376.2                                                      | 10,154.1               | 38.4                   | 47.4                  | 45.08                               | 3,351.1      | 2,011.5                | 1,452.9                 | 1,351.3                   | 101.55            | 14.307             |  |          |  |
| 14,400.0              | 11,180.0               | 13,476.2                                                      | 10,154.0               | 38.9                   | 47.8                  | 45.08                               | 3,451.1      | 2,011.1                | 1,452.9                 | 1,350.1                   | 102.85            | 14.126             |  |          |  |
| 14,500.0              | 11,180.0               | 13,576.2                                                      | 10,154.0               | 39.4                   | 48.2                  | 45.08                               | 3,551.1      | 2,010.7                | 1,452.9                 | 1,348.8                   | 104.16            | 13.949             |  |          |  |
| 14,600.0              | 11,180.0               | 13,676.2                                                      | 10,153.9               | 39.9                   | 48.7                  | 45.08                               | 3,651.1      | 2,010.3                | 1,453.0                 | 1,347.5                   | 105.48            | 13.775             |  |          |  |
| 14,700.0              | 11,180.0               | 13,776.2                                                      | 10,153.9               | 40.4                   | 49.1                  | 45.08                               | 3,751.1      | 2,009.9                | 1,453.0                 | 1,346.2                   | 106.80            | 13.605             |  |          |  |
| 14,800.0              | 11,180.0               | 13,876.2                                                      | 10,153.9               | 40.9                   | 49.5                  | 45.07                               | 3,851.1      | 2,009.5                | 1,453.0                 | 1,344.9                   | 108.12            | 13.439             |  |          |  |
| 14,900.0              | 11,180.0               | 13,976.2                                                      | 10,153.8               | 41.5                   | 50.0                  | 45.07                               | 3,951.1      | 2,009.1                | 1,453.1                 | 1,343.6                   | 109.46            | 13.275             |  |          |  |
| 15,000.0              | 11,180.0               | 14,076.2                                                      | 10,153.8               | 42.0                   | 50.5                  | 45.07                               | 4,051.1      | 2,008.7                | 1,453.1                 | 1,342.3                   | 110.79            | 13.115             |  |          |  |
| 15,100.0              | 11,180.0               | 14,176.2                                                      | 10,153.7               | 42.6                   | 50.9                  | 45.07                               | 4,151.1      | 2,008.3                | 1,453.1                 | 1,341.0                   | 112.13            | 12.959             |  |          |  |
| 15,200.0              | 11,180.0               | 14,276.2                                                      | 10,153.7               | 43.2                   | 51.4                  | 45.07                               | 4,251.1      | 2,007.9                | 1,453.2                 | 1,339.7                   | 113.48            | 12.805             |  |          |  |
| 15,300.0              | 11,180.0               | 14,376.2                                                      | 10,153.7               | 43.7                   | 51.9                  | 45.07                               | 4,351.1      | 2,007.5                | 1,453.2                 | 1,338.4                   | 114.83            | 12.655             |  |          |  |
| 15,400.0              | 11,180.0               | 14,476.2                                                      | 10,153.6               | 44.3                   | 52.4                  | 45.07                               | 4,451.1      | 2,007.1                | 1,453.2                 | 1,337.0                   | 116.19            | 12.507             |  |          |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #523H - OWB - PWP0 |                       |                       |                       |           |        |                       |                        |              |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-----------------------|------------------------|--------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |           |        |                       |                        |              |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference | Offset | Highside Toolface (°) | Offset Wellbore Centre | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 15,500.0                                                                     | 11,180.0              | 14,576.2              | 10,153.6              | 44.9      | 52.8   | 45.07                 | 4,551.1                | 2,006.7      | 1,453.2      | 1,335.7                | 117.55                  | 12.363                    |                    |          |
| 15,600.0                                                                     | 11,180.0              | 14,676.2              | 10,153.5              | 45.5      | 53.3   | 45.07                 | 4,651.1                | 2,006.3      | 1,453.3      | 1,334.4                | 118.91                  | 12.221                    |                    |          |
| 15,700.0                                                                     | 11,180.0              | 14,776.2              | 10,153.5              | 46.1      | 53.9   | 45.07                 | 4,751.1                | 2,005.9      | 1,453.3      | 1,333.0                | 120.28                  | 12.082                    |                    |          |
| 15,800.0                                                                     | 11,180.0              | 14,876.2              | 10,153.5              | 46.6      | 54.4   | 45.06                 | 4,851.1                | 2,005.6      | 1,453.3      | 1,331.7                | 121.66                  | 11.946                    |                    |          |
| 15,900.0                                                                     | 11,180.0              | 14,976.2              | 10,153.4              | 47.3      | 54.9   | 45.06                 | 4,951.1                | 2,005.2      | 1,453.4      | 1,330.3                | 123.03                  | 11.813                    |                    |          |
| 16,000.0                                                                     | 11,180.0              | 15,076.2              | 10,153.4              | 47.9      | 55.4   | 45.06                 | 5,051.1                | 2,004.8      | 1,453.4      | 1,329.0                | 124.41                  | 11.682                    |                    |          |
| 16,100.0                                                                     | 11,180.0              | 15,176.2              | 10,153.3              | 48.5      | 55.9   | 45.06                 | 5,151.1                | 2,004.4      | 1,453.4      | 1,327.6                | 125.80                  | 11.554                    |                    |          |
| 16,200.0                                                                     | 11,180.0              | 15,276.2              | 10,153.3              | 49.1      | 56.5   | 45.06                 | 5,251.1                | 2,004.0      | 1,453.5      | 1,326.3                | 127.18                  | 11.428                    |                    |          |
| 16,300.0                                                                     | 11,180.0              | 15,376.2              | 10,153.3              | 49.7      | 57.0   | 45.06                 | 5,351.1                | 2,003.6      | 1,453.5      | 1,324.9                | 128.57                  | 11.305                    |                    |          |
| 16,400.0                                                                     | 11,180.0              | 15,476.2              | 10,153.2              | 50.3      | 57.5   | 45.06                 | 5,451.1                | 2,003.2      | 1,453.5      | 1,323.6                | 129.97                  | 11.184                    |                    |          |
| 16,500.0                                                                     | 11,180.0              | 15,576.2              | 10,153.2              | 51.0      | 58.1   | 45.06                 | 5,551.1                | 2,002.8      | 1,453.5      | 1,322.2                | 131.36                  | 11.065                    |                    |          |
| 16,600.0                                                                     | 11,180.0              | 15,676.2              | 10,153.1              | 51.6      | 58.7   | 45.06                 | 5,651.1                | 2,002.4      | 1,453.6      | 1,320.8                | 132.76                  | 10.949                    |                    |          |
| 16,700.0                                                                     | 11,180.0              | 15,776.2              | 10,153.1              | 52.2      | 59.2   | 45.05                 | 5,751.1                | 2,002.0      | 1,453.6      | 1,319.4                | 134.17                  | 10.834                    |                    |          |
| 16,800.0                                                                     | 11,180.0              | 15,876.2              | 10,153.1              | 52.9      | 59.8   | 45.05                 | 5,851.1                | 2,001.6      | 1,453.6      | 1,318.1                | 135.57                  | 10.722                    |                    |          |
| 16,900.0                                                                     | 11,180.0              | 15,976.2              | 10,153.0              | 53.5      | 60.3   | 45.05                 | 5,951.1                | 2,001.2      | 1,453.7      | 1,316.7                | 136.98                  | 10.612                    |                    |          |
| 17,000.0                                                                     | 11,180.0              | 16,076.2              | 10,153.0              | 54.2      | 60.9   | 45.05                 | 6,051.1                | 2,000.8      | 1,453.7      | 1,315.3                | 138.39                  | 10.504                    |                    |          |
| 17,100.0                                                                     | 11,180.0              | 16,176.2              | 10,152.9              | 54.8      | 61.5   | 45.05                 | 6,151.1                | 2,000.4      | 1,453.7      | 1,313.9                | 139.80                  | 10.398                    |                    |          |
| 17,200.0                                                                     | 11,180.0              | 16,276.2              | 10,152.9              | 55.5      | 62.1   | 45.05                 | 6,251.1                | 2,000.0      | 1,453.8      | 1,312.5                | 141.22                  | 10.294                    |                    |          |
| 17,300.0                                                                     | 11,180.0              | 16,376.2              | 10,152.9              | 56.1      | 62.6   | 45.05                 | 6,351.1                | 1,999.6      | 1,453.8      | 1,311.1                | 142.64                  | 10.192                    |                    |          |
| 17,400.0                                                                     | 11,180.0              | 16,476.2              | 10,152.8              | 56.8      | 63.2   | 45.05                 | 6,451.1                | 1,999.2      | 1,453.8      | 1,309.8                | 144.06                  | 10.092                    |                    |          |
| 17,500.0                                                                     | 11,180.0              | 16,576.2              | 10,152.8              | 57.4      | 63.8   | 45.05                 | 6,551.1                | 1,998.8      | 1,453.8      | 1,308.4                | 145.48                  | 9.993                     |                    |          |
| 17,600.0                                                                     | 11,180.0              | 16,676.2              | 10,152.7              | 58.1      | 64.4   | 45.05                 | 6,651.1                | 1,998.4      | 1,453.9      | 1,307.0                | 146.90                  | 9.897                     |                    |          |
| 17,700.0                                                                     | 11,180.0              | 16,776.2              | 10,152.7              | 58.8      | 65.0   | 45.04                 | 6,751.1                | 1,998.0      | 1,453.9      | 1,305.6                | 148.33                  | 9.802                     |                    |          |
| 17,800.0                                                                     | 11,180.0              | 16,876.2              | 10,152.7              | 59.4      | 65.6   | 45.04                 | 6,851.1                | 1,997.6      | 1,453.9      | 1,304.2                | 149.76                  | 9.708                     |                    |          |
| 17,900.0                                                                     | 11,180.0              | 16,976.2              | 10,152.6              | 60.1      | 66.2   | 45.04                 | 6,951.1                | 1,997.2      | 1,454.0      | 1,302.8                | 151.19                  | 9.617                     |                    |          |
| 18,000.0                                                                     | 11,180.0              | 17,076.2              | 10,152.6              | 60.8      | 66.8   | 45.04                 | 7,051.1                | 1,996.8      | 1,454.0      | 1,301.4                | 152.63                  | 9.527                     |                    |          |
| 18,100.0                                                                     | 11,180.0              | 17,176.2              | 10,152.5              | 61.4      | 67.4   | 45.04                 | 7,151.1                | 1,996.4      | 1,454.0      | 1,300.0                | 154.06                  | 9.438                     |                    |          |
| 18,200.0                                                                     | 11,180.0              | 17,276.2              | 10,152.5              | 62.1      | 68.1   | 45.04                 | 7,251.1                | 1,996.0      | 1,454.1      | 1,298.6                | 155.50                  | 9.351                     |                    |          |
| 18,300.0                                                                     | 11,180.0              | 17,376.2              | 10,152.5              | 62.8      | 68.7   | 45.04                 | 7,351.1                | 1,995.6      | 1,454.1      | 1,297.1                | 156.94                  | 9.265                     |                    |          |
| 18,400.0                                                                     | 11,180.0              | 17,476.2              | 10,152.4              | 63.5      | 69.3   | 45.04                 | 7,451.1                | 1,995.2      | 1,454.1      | 1,295.7                | 158.38                  | 9.181                     |                    |          |
| 18,500.0                                                                     | 11,180.0              | 17,576.2              | 10,152.4              | 64.2      | 69.9   | 45.04                 | 7,551.1                | 1,994.8      | 1,454.1      | 1,294.3                | 159.82                  | 9.099                     |                    |          |
| 18,600.0                                                                     | 11,180.0              | 17,676.2              | 10,152.3              | 64.8      | 70.5   | 45.03                 | 7,651.1                | 1,994.4      | 1,454.2      | 1,292.9                | 161.26                  | 9.017                     |                    |          |
| 18,700.0                                                                     | 11,180.0              | 17,776.2              | 10,152.3              | 65.5      | 71.2   | 45.03                 | 7,751.1                | 1,994.0      | 1,454.2      | 1,291.5                | 162.71                  | 8.938                     |                    |          |
| 18,800.0                                                                     | 11,180.0              | 17,876.2              | 10,152.3              | 66.2      | 71.8   | 45.03                 | 7,851.1                | 1,993.6      | 1,454.2      | 1,290.1                | 164.15                  | 8.859                     |                    |          |
| 18,900.0                                                                     | 11,180.0              | 17,976.2              | 10,152.2              | 66.9      | 72.4   | 45.03                 | 7,951.1                | 1,993.2      | 1,454.3      | 1,288.7                | 165.60                  | 8.782                     |                    |          |
| 19,000.0                                                                     | 11,180.0              | 18,076.2              | 10,152.2              | 67.6      | 73.1   | 45.03                 | 8,051.1                | 1,992.8      | 1,454.3      | 1,287.2                | 167.05                  | 8.706                     |                    |          |
| 19,100.0                                                                     | 11,180.0              | 18,176.2              | 10,152.1              | 68.3      | 73.7   | 45.03                 | 8,151.1                | 1,992.4      | 1,454.3      | 1,285.8                | 168.51                  | 8.631                     |                    |          |
| 19,200.0                                                                     | 11,180.0              | 18,276.2              | 10,152.1              | 69.0      | 74.4   | 45.03                 | 8,251.1                | 1,992.0      | 1,454.4      | 1,284.4                | 169.96                  | 8.557                     |                    |          |
| 19,300.0                                                                     | 11,180.0              | 18,376.2              | 10,152.1              | 69.7      | 75.0   | 45.03                 | 8,351.1                | 1,991.6      | 1,454.4      | 1,283.0                | 171.41                  | 8.485                     |                    |          |
| 19,400.0                                                                     | 11,180.0              | 18,476.2              | 10,152.0              | 70.4      | 75.6   | 45.03                 | 8,451.1                | 1,991.2      | 1,454.4      | 1,281.5                | 172.87                  | 8.413                     |                    |          |
| 19,500.0                                                                     | 11,180.0              | 18,576.2              | 10,152.0              | 71.1      | 76.3   | 45.02                 | 8,551.1                | 1,990.8      | 1,454.4      | 1,280.1                | 174.33                  | 8.343                     |                    |          |
| 19,600.0                                                                     | 11,180.0              | 18,676.2              | 10,151.9              | 71.8      | 76.9   | 45.02                 | 8,651.1                | 1,990.4      | 1,454.5      | 1,278.7                | 175.78                  | 8.274                     |                    |          |
| 19,700.0                                                                     | 11,180.0              | 18,776.2              | 10,151.9              | 72.5      | 77.6   | 45.02                 | 8,751.1                | 1,990.0      | 1,454.5      | 1,277.3                | 177.24                  | 8.206                     |                    |          |
| 19,800.0                                                                     | 11,180.0              | 18,876.2              | 10,151.9              | 73.2      | 78.2   | 45.02                 | 8,851.1                | 1,989.6      | 1,454.5      | 1,275.8                | 178.70                  | 8.139                     |                    |          |
| 19,900.0                                                                     | 11,180.0              | 18,976.2              | 10,151.8              | 73.9      | 78.9   | 45.02                 | 8,951.1                | 1,989.2      | 1,454.6      | 1,274.4                | 180.17                  | 8.073                     |                    |          |
| 20,000.0                                                                     | 11,180.0              | 19,076.2              | 10,151.8              | 74.6      | 79.6   | 45.02                 | 9,051.1                | 1,988.8      | 1,454.6      | 1,273.0                | 181.63                  | 8.009                     |                    |          |
| 20,100.0                                                                     | 11,180.0              | 19,176.2              | 10,151.7              | 75.3      | 80.2   | 45.02                 | 9,151.1                | 1,988.4      | 1,454.6      | 1,271.5                | 183.09                  | 7.945                     |                    |          |
| 20,200.0                                                                     | 11,180.0              | 19,276.2              | 10,151.7              | 76.0      | 80.9   | 45.02                 | 9,251.1                | 1,988.0      | 1,454.7      | 1,270.1                | 184.56                  | 7.882                     |                    |          |
| 20,300.0                                                                     | 11,180.0              | 19,376.2              | 10,151.7              | 76.7      | 81.5   | 45.02                 | 9,351.1                | 1,987.6      | 1,454.7      | 1,268.7                | 186.02                  | 7.820                     |                    |          |
| 20,400.0                                                                     | 11,180.0              | 19,476.2              | 10,151.6              | 77.4      | 82.2   | 45.02                 | 9,451.1                | 1,987.3      | 1,454.7      | 1,267.2                | 187.49                  | 7.759                     |                    |          |
| 20,500.0                                                                     | 11,180.0              | 19,576.2              | 10,151.6              | 78.1      | 82.9   | 45.01                 | 9,551.1                | 1,986.9      | 1,454.7      | 1,265.8                | 188.96                  | 7.699                     |                    |          |
| 20,600.0                                                                     | 11,180.0              | 19,676.2              | 10,151.5              | 78.8      | 83.5   | 45.01                 | 9,651.1                | 1,986.5      | 1,454.8      | 1,264.3                | 190.43                  | 7.639                     |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #523H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 20,700.0                                                                     | 11,180.0                    | 19,776.2                    | 10,151.5                    | 79.6                | 84.2             | 45.01                       | 9,751.1                | 1,986.1         | 1,454.8                      | 1,262.9                       | 191.90               | 7.581              |          |
| 20,800.0                                                                     | 11,180.0                    | 19,876.2                    | 10,151.5                    | 80.3                | 84.9             | 45.01                       | 9,851.1                | 1,985.7         | 1,454.8                      | 1,261.5                       | 193.37               | 7.523              |          |
| 20,900.0                                                                     | 11,180.0                    | 19,976.2                    | 10,151.4                    | 81.0                | 85.6             | 45.01                       | 9,951.1                | 1,985.3         | 1,454.9                      | 1,260.0                       | 194.84               | 7.467              |          |
| 21,000.0                                                                     | 11,180.0                    | 20,076.2                    | 10,151.4                    | 81.7                | 86.2             | 45.01                       | 10,051.1               | 1,984.9         | 1,454.9                      | 1,258.6                       | 196.32               | 7.411              |          |
| 21,100.0                                                                     | 11,180.0                    | 20,176.2                    | 10,151.3                    | 82.4                | 86.9             | 45.01                       | 10,151.1               | 1,984.5         | 1,454.9                      | 1,257.1                       | 197.79               | 7.356              |          |
| 21,200.0                                                                     | 11,180.0                    | 20,276.2                    | 10,151.3                    | 83.1                | 87.6             | 45.01                       | 10,251.1               | 1,984.1         | 1,455.0                      | 1,255.7                       | 199.27               | 7.302              |          |
| 21,300.0                                                                     | 11,180.0                    | 20,376.2                    | 10,151.3                    | 83.9                | 88.3             | 45.01                       | 10,351.1               | 1,983.7         | 1,455.0                      | 1,254.2                       | 200.74               | 7.248              |          |
| 21,400.0                                                                     | 11,180.0                    | 20,476.2                    | 10,151.2                    | 84.6                | 88.9             | 45.00                       | 10,451.1               | 1,983.3         | 1,455.0                      | 1,252.8                       | 202.22               | 7.195              |          |
| 21,500.0                                                                     | 11,180.0                    | 20,576.2                    | 10,151.2                    | 85.3                | 89.6             | 45.00                       | 10,551.1               | 1,982.9         | 1,455.0                      | 1,251.3                       | 203.70               | 7.143              |          |
| 21,600.0                                                                     | 11,180.0                    | 20,676.2                    | 10,151.1                    | 86.0                | 90.3             | 45.00                       | 10,651.1               | 1,982.5         | 1,455.1                      | 1,249.9                       | 205.18               | 7.092              |          |
| 21,700.0                                                                     | 11,180.0                    | 20,776.2                    | 10,151.1                    | 86.7                | 91.0             | 45.00                       | 10,751.1               | 1,982.1         | 1,455.1                      | 1,248.4                       | 206.66               | 7.041              |          |
| 21,800.0                                                                     | 11,180.0                    | 20,876.2                    | 10,151.1                    | 87.5                | 91.7             | 45.00                       | 10,851.1               | 1,981.7         | 1,455.1                      | 1,247.0                       | 208.14               | 6.991              |          |
| 21,900.0                                                                     | 11,180.0                    | 20,976.2                    | 10,151.0                    | 88.2                | 92.4             | 45.00                       | 10,951.1               | 1,981.3         | 1,455.2                      | 1,245.5                       | 209.62               | 6.942              |          |
| 22,000.0                                                                     | 11,180.0                    | 21,076.2                    | 10,151.0                    | 88.9                | 93.0             | 45.00                       | 11,051.1               | 1,980.9         | 1,455.2                      | 1,244.1                       | 211.10               | 6.893              |          |
| 22,100.0                                                                     | 11,180.0                    | 21,176.2                    | 10,150.9                    | 89.6                | 93.7             | 45.00                       | 11,151.1               | 1,980.5         | 1,455.2                      | 1,242.6                       | 212.58               | 6.846              |          |
| 22,200.0                                                                     | 11,180.0                    | 21,276.2                    | 10,150.9                    | 90.4                | 94.4             | 45.00                       | 11,251.1               | 1,980.1         | 1,455.2                      | 1,241.2                       | 214.06               | 6.798              |          |
| 22,300.0                                                                     | 11,180.0                    | 21,376.2                    | 10,150.9                    | 91.1                | 95.1             | 45.00                       | 11,351.1               | 1,979.7         | 1,455.3                      | 1,239.7                       | 215.55               | 6.752              |          |
| 22,400.0                                                                     | 11,180.0                    | 21,476.2                    | 10,150.8                    | 91.8                | 95.8             | 44.99                       | 11,451.1               | 1,979.3         | 1,455.3                      | 1,238.3                       | 217.03               | 6.706              |          |
| 22,500.0                                                                     | 11,180.0                    | 21,576.2                    | 10,150.8                    | 92.5                | 96.5             | 44.99                       | 11,551.1               | 1,978.9         | 1,455.3                      | 1,236.8                       | 218.51               | 6.660              |          |
| 22,600.0                                                                     | 11,180.0                    | 21,676.2                    | 10,150.7                    | 93.3                | 97.2             | 44.99                       | 11,651.1               | 1,978.5         | 1,455.4                      | 1,235.4                       | 220.00               | 6.615              |          |
| 22,700.0                                                                     | 11,180.0                    | 21,776.2                    | 10,150.7                    | 94.0                | 97.9             | 44.99                       | 11,751.1               | 1,978.1         | 1,455.4                      | 1,233.9                       | 221.49               | 6.571              |          |
| 22,800.0                                                                     | 11,180.0                    | 21,876.2                    | 10,150.7                    | 94.7                | 98.6             | 44.99                       | 11,851.1               | 1,977.7         | 1,455.4                      | 1,232.5                       | 222.97               | 6.527              |          |
| 22,900.0                                                                     | 11,180.0                    | 21,976.2                    | 10,150.6                    | 95.4                | 99.3             | 44.99                       | 11,951.1               | 1,977.3         | 1,455.5                      | 1,231.0                       | 224.46               | 6.484              |          |
| 23,000.0                                                                     | 11,180.0                    | 22,076.2                    | 10,150.6                    | 96.2                | 100.0            | 44.99                       | 12,051.1               | 1,976.9         | 1,455.5                      | 1,229.5                       | 225.95               | 6.442              |          |
| 23,100.0                                                                     | 11,180.0                    | 22,176.2                    | 10,150.6                    | 96.9                | 100.7            | 44.99                       | 12,151.1               | 1,976.5         | 1,455.5                      | 1,228.1                       | 227.44               | 6.400              |          |
| 23,200.0                                                                     | 11,180.0                    | 22,276.2                    | 10,150.5                    | 97.6                | 101.4            | 44.99                       | 12,251.1               | 1,976.1         | 1,455.5                      | 1,226.6                       | 228.93               | 6.358              |          |
| 23,300.0                                                                     | 11,180.0                    | 22,376.2                    | 10,150.5                    | 98.4                | 102.1            | 44.98                       | 12,351.1               | 1,975.7         | 1,455.6                      | 1,225.2                       | 230.42               | 6.317              |          |
| 23,400.0                                                                     | 11,180.0                    | 22,476.2                    | 10,150.4                    | 99.1                | 102.8            | 44.98                       | 12,451.1               | 1,975.3         | 1,455.6                      | 1,223.7                       | 231.91               | 6.277              |          |
| 23,500.0                                                                     | 11,180.0                    | 22,576.2                    | 10,150.4                    | 99.8                | 103.5            | 44.98                       | 12,551.1               | 1,974.9         | 1,455.6                      | 1,222.2                       | 233.40               | 6.237              |          |
| 23,600.0                                                                     | 11,180.0                    | 22,676.2                    | 10,150.4                    | 100.6               | 104.2            | 44.98                       | 12,651.1               | 1,974.5         | 1,455.7                      | 1,220.8                       | 234.89               | 6.197              |          |
| 23,700.0                                                                     | 11,180.0                    | 22,776.2                    | 10,150.3                    | 101.3               | 104.9            | 44.98                       | 12,751.1               | 1,974.1         | 1,455.7                      | 1,219.3                       | 236.38               | 6.158              |          |
| 23,800.0                                                                     | 11,180.0                    | 22,876.2                    | 10,150.3                    | 102.0               | 105.6            | 44.98                       | 12,851.1               | 1,973.7         | 1,455.7                      | 1,217.9                       | 237.87               | 6.120              |          |
| 23,900.0                                                                     | 11,180.0                    | 22,976.2                    | 10,150.2                    | 102.8               | 106.3            | 44.98                       | 12,951.1               | 1,973.3         | 1,455.8                      | 1,216.4                       | 239.37               | 6.082              |          |
| 24,000.0                                                                     | 11,180.0                    | 23,076.2                    | 10,150.2                    | 103.5               | 107.0            | 44.98                       | 13,051.1               | 1,972.9         | 1,455.8                      | 1,214.9                       | 240.86               | 6.044              |          |
| 24,100.0                                                                     | 11,180.0                    | 23,176.2                    | 10,150.2                    | 104.2               | 107.7            | 44.98                       | 13,151.1               | 1,972.5         | 1,455.8                      | 1,213.5                       | 242.35               | 6.007              |          |
| 24,200.0                                                                     | 11,180.0                    | 23,276.2                    | 10,150.1                    | 105.0               | 108.4            | 44.98                       | 13,251.1               | 1,972.1         | 1,455.8                      | 1,212.0                       | 243.85               | 5.970              |          |
| 24,300.0                                                                     | 11,180.0                    | 23,376.2                    | 10,150.1                    | 105.7               | 109.2            | 44.97                       | 13,351.1               | 1,971.7         | 1,455.9                      | 1,210.5                       | 245.34               | 5.934              |          |
| 24,400.0                                                                     | 11,180.0                    | 23,476.2                    | 10,150.0                    | 106.5               | 109.9            | 44.97                       | 13,451.1               | 1,971.3         | 1,455.9                      | 1,209.1                       | 246.84               | 5.898              |          |
| 24,403.1                                                                     | 11,180.0                    | 23,479.4                    | 10,150.0                    | 106.5               | 109.9            | 44.97                       | 13,454.2               | 1,971.3         | 1,455.9                      | 1,209.0                       | 246.88               | 5.897              |          |
| 24,486.5                                                                     | 11,180.0                    | 23,558.2                    | 10,150.0                    | 107.1               | 110.4            | 44.97                       | 13,533.0               | 1,971.0         | 1,455.9                      | 1,208.0                       | 247.94               | 5.872 SF           |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      |                           |                |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|--------------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #701H - OWB - PWP0 |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                      | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                    |                                  | <b>Offset</b>                    |                                  | <b>Semi Major Axis</b>      |                          | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>Minimum Separation<br/>(usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| <b>Measured Depth<br/>(usft)</b>                                                    | <b>Vertical Depth<br/>(usft)</b> | <b>Measured Depth<br/>(usft)</b> | <b>Vertical Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                  | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between Centres<br/>(usft)</b> | <b>Between Ellipses<br/>(usft)</b> |                                      |                           |                |
| 0.0                                                                                 | 0.0                              | 0.0                              | 0.0                              | 3.0                         | 3.0                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,505.3                            | 6.43                                 | 235.150                   |                |
| 100.0                                                                               | 100.0                            | 100.0                            | 100.0                            | 3.2                         | 3.2                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,504.9                            | 6.89                                 | 219.338                   |                |
| 200.0                                                                               | 200.0                            | 200.0                            | 200.0                            | 3.5                         | 3.5                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,504.4                            | 7.33                                 | 206.293                   |                |
| 300.0                                                                               | 300.0                            | 300.0                            | 300.0                            | 3.7                         | 3.7                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,504.0                            | 7.74                                 | 195.283                   |                |
| 400.0                                                                               | 400.0                            | 400.0                            | 400.0                            | 3.9                         | 3.9                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,503.6                            | 8.14                                 | 185.821                   |                |
| 500.0                                                                               | 500.0                            | 500.0                            | 500.0                            | 4.1                         | 4.1                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,503.2                            | 8.51                                 | 177.570                   |                |
| 600.0                                                                               | 600.0                            | 600.0                            | 600.0                            | 4.2                         | 4.2                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,502.9                            | 8.88                                 | 170.288                   |                |
| 700.0                                                                               | 700.0                            | 700.0                            | 700.0                            | 4.4                         | 4.4                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,502.5                            | 9.23                                 | 163.797                   |                |
| 800.0                                                                               | 800.0                            | 800.0                            | 800.0                            | 4.6                         | 4.6                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,502.2                            | 9.57                                 | 157.960                   |                |
| 900.0                                                                               | 900.0                            | 900.0                            | 900.0                            | 4.8                         | 4.8                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,501.9                            | 9.90                                 | 152.673                   |                |
| 1,000.0                                                                             | 1,000.0                          | 1,000.0                          | 1,000.0                          | 4.9                         | 4.9                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,501.5                            | 10.22                                | 147.853                   |                |
| 1,100.0                                                                             | 1,100.0                          | 1,100.0                          | 1,100.0                          | 5.1                         | 5.1                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,501.2                            | 10.54                                | 143.435                   |                |
| 1,200.0                                                                             | 1,200.0                          | 1,200.0                          | 1,200.0                          | 5.2                         | 5.2                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,500.9                            | 10.85                                | 139.363                   |                |
| 1,300.0                                                                             | 1,300.0                          | 1,300.0                          | 1,300.0                          | 5.4                         | 5.4                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,500.6                            | 11.15                                | 135.596                   |                |
| 1,400.0                                                                             | 1,400.0                          | 1,400.0                          | 1,400.0                          | 5.5                         | 5.5                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,500.3                            | 11.44                                | 132.095                   |                |
| 1,500.0                                                                             | 1,500.0                          | 1,500.0                          | 1,500.0                          | 5.7                         | 5.7                      | -92.72                           | -71.7                         | -1,510.0                | 1,511.8                           | 1,500.0                            | 11.73                                | 128.830 CC, ES            |                |
| 1,600.0                                                                             | 1,600.0                          | 1,574.9                          | 1,574.9                          | 5.8                         | 5.8                      | -92.73                           | -72.2                         | -1,510.7                | 1,512.6                           | 1,500.6                            | 11.99                                | 126.145                   |                |
| 1,700.0                                                                             | 1,700.0                          | 1,649.8                          | 1,649.7                          | 6.0                         | 5.9                      | -92.78                           | -73.4                         | -1,512.5                | 1,515.1                           | 1,502.8                            | 12.24                                | 123.786                   |                |
| 1,800.0                                                                             | 1,800.0                          | 1,724.5                          | 1,724.4                          | 6.1                         | 6.1                      | -92.85                           | -75.5                         | -1,515.5                | 1,519.2                           | 1,506.7                            | 12.48                                | 121.690                   |                |
| 1,900.0                                                                             | 1,900.0                          | 1,800.0                          | 1,799.7                          | 6.3                         | 6.2                      | -92.96                           | -78.5                         | -1,519.7                | 1,525.0                           | 1,512.3                            | 12.73                                | 119.774                   |                |
| 2,000.0                                                                             | 2,000.0                          | 1,873.4                          | 1,872.9                          | 6.4                         | 6.3                      | -93.09                           | -82.2                         | -1,525.0                | 1,532.5                           | 1,519.5                            | 12.98                                | 118.037                   |                |
| 2,100.0                                                                             | 2,100.0                          | 1,963.8                          | 1,962.8                          | 6.5                         | 6.5                      | -93.27                           | -87.6                         | -1,532.7                | 1,541.3                           | 1,528.0                            | 13.26                                | 116.199                   |                |
| 2,200.0                                                                             | 2,200.0                          | 2,063.3                          | 2,061.7                          | 6.7                         | 6.7                      | -93.47                           | -93.5                         | -1,541.2                | 1,550.2                           | 1,536.6                            | 13.57                                | 114.220                   |                |
| 2,300.0                                                                             | 2,300.0                          | 2,162.7                          | 2,160.6                          | 6.8                         | 6.9                      | -93.67                           | -99.5                         | -1,549.7                | 1,559.1                           | 1,545.2                            | 13.89                                | 112.230                   |                |
| 2,400.0                                                                             | 2,400.0                          | 2,262.2                          | 2,259.5                          | 6.9                         | 7.2                      | -93.87                           | -105.5                        | -1,558.2                | 1,568.1                           | 1,553.9                            | 14.22                                | 110.239                   |                |
| 2,500.0                                                                             | 2,500.0                          | 2,361.7                          | 2,358.4                          | 7.0                         | 7.4                      | -94.07                           | -111.4                        | -1,566.7                | 1,577.0                           | 1,562.5                            | 14.57                                | 108.257                   |                |
| 2,600.0                                                                             | 2,600.0                          | 2,461.0                          | 2,457.2                          | 7.2                         | 7.7                      | -154.22                          | -117.4                        | -1,575.2                | 1,587.2                           | 1,572.3                            | 14.94                                | 106.247                   |                |
| 2,700.0                                                                             | 2,699.9                          | 2,559.9                          | 2,555.6                          | 7.3                         | 8.0                      | -154.39                          | -123.3                        | -1,583.7                | 1,599.7                           | 1,584.4                            | 15.33                                | 104.377                   |                |
| 2,800.0                                                                             | 2,799.7                          | 2,644.9                          | 2,640.0                          | 7.5                         | 8.2                      | -154.53                          | -128.3                        | -1,591.1                | 1,614.9                           | 1,599.2                            | 15.69                                | 102.896                   |                |
| 2,900.0                                                                             | 2,899.3                          | 2,717.9                          | 2,712.6                          | 7.7                         | 8.4                      | -154.61                          | -131.9                        | -1,598.6                | 1,633.7                           | 1,617.7                            | 16.05                                | 101.811                   |                |
| 3,000.0                                                                             | 2,998.6                          | 2,800.0                          | 2,794.0                          | 7.9                         | 8.7                      | -154.70                          | -135.0                        | -1,608.5                | 1,656.4                           | 1,640.0                            | 16.46                                | 100.612                   |                |
| 3,100.0                                                                             | 3,097.6                          | 2,861.8                          | 2,855.2                          | 8.1                         | 8.9                      | -154.81                          | -136.8                        | -1,616.9                | 1,682.3                           | 1,665.6                            | 16.77                                | 100.301                   |                |
| 3,200.0                                                                             | 3,196.6                          | 2,932.8                          | 2,925.4                          | 8.3                         | 9.1                      | -154.97                          | -138.2                        | -1,627.5                | 1,709.9                           | 1,692.7                            | 17.18                                | 99.535                    |                |
| 3,300.0                                                                             | 3,295.7                          | 3,000.0                          | 2,991.7                          | 8.5                         | 9.3                      | -157.26                          | -138.8                        | -1,638.6                | 1,738.8                           | 1,721.3                            | 17.56                                | 99.014                    |                |
| 3,400.0                                                                             | 3,394.5                          | 3,082.6                          | 3,073.0                          | 8.8                         | 9.6                      | -168.80                          | -138.7                        | -1,653.7                | 1,770.9                           | 1,752.8                            | 18.07                                | 97.979                    |                |
| 3,500.0                                                                             | 3,493.0                          | 3,162.8                          | 3,151.6                          | 9.0                         | 9.8                      | -177.73                          | -138.2                        | -1,668.9                | 1,806.2                           | 1,787.6                            | 18.60                                | 97.101                    |                |
| 3,600.0                                                                             | 3,591.1                          | 3,255.3                          | 3,242.4                          | 9.3                         | 10.1                     | 175.86                           | -137.6                        | -1,686.6                | 1,844.0                           | 1,824.8                            | 19.21                                | 95.997                    |                |
| 3,700.0                                                                             | 3,688.9                          | 3,347.3                          | 3,332.8                          | 9.7                         | 10.5                     | 175.99                           | -137.0                        | -1,704.1                | 1,882.9                           | 1,863.0                            | 19.87                                | 94.742                    |                |
| 3,800.0                                                                             | 3,786.7                          | 3,439.4                          | 3,423.2                          | 9.9                         | 10.8                     | 176.11                           | -136.4                        | -1,721.7                | 1,921.8                           | 1,901.3                            | 20.50                                | 93.750                    |                |
| 3,900.0                                                                             | 3,884.5                          | 3,531.5                          | 3,513.5                          | 10.3                        | 11.1                     | 176.23                           | -135.8                        | -1,739.2                | 1,960.7                           | 1,939.5                            | 21.14                                | 92.739                    |                |
| 4,000.0                                                                             | 3,982.3                          | 3,623.5                          | 3,603.9                          | 10.6                        | 11.5                     | 176.34                           | -135.1                        | -1,756.8                | 1,999.6                           | 1,977.8                            | 21.80                                | 91.720 SF                 |                |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                           |          |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #702H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                    | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Distance</b>         |                      | <b>Rule Assigned:</b>        |                     | <b>Warning</b>      |                               |                                |                                  |                           |          |
| <b>Measured Depth (usft)</b>                                                        | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 0.0                                                                                 | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,475.3                        | 6.43                             | 230.472                   |          |
| 100.0                                                                               | 100.0                        | 100.0                        | 100.0                        | 3.2                     | 3.2                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,474.8                        | 6.89                             | 214.975                   |          |
| 200.0                                                                               | 200.0                        | 200.0                        | 200.0                        | 3.5                     | 3.5                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,474.4                        | 7.33                             | 202.190                   |          |
| 300.0                                                                               | 300.0                        | 300.0                        | 300.0                        | 3.7                     | 3.7                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,473.9                        | 7.74                             | 191.399                   |          |
| 400.0                                                                               | 400.0                        | 400.0                        | 400.0                        | 3.9                     | 3.9                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,473.5                        | 8.14                             | 182.125                   |          |
| 500.0                                                                               | 500.0                        | 500.0                        | 500.0                        | 4.1                     | 4.1                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,473.2                        | 8.51                             | 174.038                   |          |
| 600.0                                                                               | 600.0                        | 600.0                        | 600.0                        | 4.2                     | 4.2                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,472.8                        | 8.88                             | 166.901                   |          |
| 700.0                                                                               | 700.0                        | 700.0                        | 700.0                        | 4.4                     | 4.4                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,472.5                        | 9.23                             | 160.539                   |          |
| 800.0                                                                               | 800.0                        | 800.0                        | 800.0                        | 4.6                     | 4.6                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,472.1                        | 9.57                             | 154.818                   |          |
| 900.0                                                                               | 900.0                        | 900.0                        | 900.0                        | 4.8                     | 4.8                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,471.8                        | 9.90                             | 149.636                   |          |
| 1,000.0                                                                             | 1,000.0                      | 1,000.0                      | 1,000.0                      | 4.9                     | 4.9                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,471.5                        | 10.22                            | 144.912                   |          |
| 1,100.0                                                                             | 1,100.0                      | 1,100.0                      | 1,100.0                      | 5.1                     | 5.1                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,471.1                        | 10.54                            | 140.582                   |          |
| 1,200.0                                                                             | 1,200.0                      | 1,200.0                      | 1,200.0                      | 5.2                     | 5.2                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,470.8                        | 10.85                            | 136.591                   |          |
| 1,300.0                                                                             | 1,300.0                      | 1,300.0                      | 1,300.0                      | 5.4                     | 5.4                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,470.5                        | 11.15                            | 132.899                   |          |
| 1,400.0                                                                             | 1,400.0                      | 1,400.0                      | 1,400.0                      | 5.5                     | 5.5                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,470.2                        | 11.44                            | 129.467                   |          |
| 1,500.0                                                                             | 1,500.0                      | 1,500.0                      | 1,500.0                      | 5.7                     | 5.7                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,469.9                        | 11.73                            | 126.268                   |          |
| 1,600.0                                                                             | 1,600.0                      | 1,600.0                      | 1,600.0                      | 5.8                     | 5.8                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,469.7                        | 12.02                            | 123.274                   |          |
| 1,700.0                                                                             | 1,700.0                      | 1,700.0                      | 1,700.0                      | 6.0                     | 6.0                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,469.4                        | 12.30                            | 120.465                   |          |
| 1,800.0                                                                             | 1,800.0                      | 1,800.0                      | 1,800.0                      | 6.1                     | 6.1                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,469.1                        | 12.58                            | 117.822                   |          |
| 1,900.0                                                                             | 1,900.0                      | 1,900.0                      | 1,900.0                      | 6.3                     | 6.3                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,468.8                        | 12.85                            | 115.329                   |          |
| 2,000.0                                                                             | 2,000.0                      | 2,000.0                      | 2,000.0                      | 6.4                     | 6.4                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,468.6                        | 13.12                            | 112.973                   |          |
| 2,100.0                                                                             | 2,100.0                      | 2,100.0                      | 2,100.0                      | 6.5                     | 6.5                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,468.3                        | 13.38                            | 110.740                   |          |
| 2,200.0                                                                             | 2,200.0                      | 2,200.0                      | 2,200.0                      | 6.7                     | 6.7                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,468.0                        | 13.64                            | 108.620                   |          |
| 2,300.0                                                                             | 2,300.0                      | 2,300.0                      | 2,300.0                      | 6.8                     | 6.8                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,467.8                        | 13.90                            | 106.604                   |          |
| 2,400.0                                                                             | 2,400.0                      | 2,400.0                      | 2,400.0                      | 6.9                     | 6.9                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,467.5                        | 14.15                            | 104.684                   |          |
| 2,500.0                                                                             | 2,500.0                      | 2,500.0                      | 2,500.0                      | 7.0                     | 7.0                  | -92.77                       | -71.7               | -1,479.9            | 1,481.7                       | 1,467.3                        | 14.41                            | 102.852 CC, ES            |          |
| 2,600.0                                                                             | 2,600.0                      | 2,572.0                      | 2,572.0                      | 7.2                     | 7.1                  | -152.77                      | -71.7               | -1,480.6            | 1,483.8                       | 1,469.1                        | 14.65                            | 101.297                   |          |
| 2,700.0                                                                             | 2,699.9                      | 2,643.8                      | 2,643.8                      | 7.3                     | 7.2                  | -152.78                      | -71.8               | -1,482.7            | 1,490.1                       | 1,475.2                        | 14.89                            | 100.101                   |          |
| 2,800.0                                                                             | 2,799.7                      | 2,715.3                      | 2,715.2                      | 7.5                     | 7.4                  | -152.79                      | -72.0               | -1,486.0            | 1,500.6                       | 1,485.5                        | 15.13                            | 99.165                    |          |
| 2,900.0                                                                             | 2,899.3                      | 2,800.0                      | 2,799.7                      | 7.7                     | 7.5                  | -152.83                      | -72.3               | -1,491.7            | 1,515.4                       | 1,499.9                        | 15.42                            | 98.245                    |          |
| 3,000.0                                                                             | 2,998.6                      | 2,865.4                      | 2,864.9                      | 7.9                     | 7.5                  | -152.84                      | -72.6               | -1,497.3            | 1,534.0                       | 1,518.3                        | 15.65                            | 98.028                    |          |
| 3,100.0                                                                             | 3,097.6                      | 2,963.0                      | 2,962.1                      | 8.1                     | 7.7                  | -153.02                      | -73.0               | -1,505.8            | 1,554.9                       | 1,539.0                        | 15.92                            | 97.657                    |          |
| 3,200.0                                                                             | 3,196.6                      | 3,060.6                      | 3,059.3                      | 8.3                     | 7.9                  | -153.25                      | -73.5               | -1,514.2            | 1,575.9                       | 1,559.7                        | 16.28                            | 96.798                    |          |
| 3,300.0                                                                             | 3,295.7                      | 3,158.2                      | 3,156.5                      | 8.5                     | 8.0                  | -155.62                      | -73.9               | -1,522.7            | 1,597.1                       | 1,580.4                        | 16.64                            | 95.967                    |          |
| 3,400.0                                                                             | 3,394.5                      | 3,255.4                      | 3,253.4                      | 8.8                     | 8.2                  | -167.11                      | -74.3               | -1,531.2            | 1,619.9                       | 1,602.8                        | 17.09                            | 94.790                    |          |
| 3,500.0                                                                             | 3,493.0                      | 3,352.1                      | 3,349.7                      | 9.0                     | 8.4                  | -175.98                      | -74.8               | -1,539.6            | 1,645.5                       | 1,627.9                        | 17.56                            | 93.719                    |          |
| 3,600.0                                                                             | 3,591.1                      | 3,448.0                      | 3,445.3                      | 9.3                     | 8.7                  | 177.67                       | -75.2               | -1,548.0            | 1,673.6                       | 1,655.5                        | 18.04                            | 92.749                    |          |
| 3,700.0                                                                             | 3,688.9                      | 3,543.7                      | 3,540.5                      | 9.7                     | 8.9                  | 177.71                       | -75.7               | -1,556.3            | 1,702.8                       | 1,684.2                        | 18.61                            | 91.492                    |          |
| 3,800.0                                                                             | 3,786.7                      | 3,639.3                      | 3,635.8                      | 9.9                     | 9.1                  | 177.74                       | -76.1               | -1,564.6            | 1,732.0                       | 1,712.9                        | 19.13                            | 90.519                    |          |
| 3,900.0                                                                             | 3,884.5                      | 3,734.9                      | 3,731.1                      | 10.3                    | 9.4                  | 177.77                       | -76.5               | -1,572.9            | 1,761.2                       | 1,741.5                        | 19.68                            | 89.490                    |          |
| 4,000.0                                                                             | 3,982.3                      | 3,804.1                      | 3,800.0                      | 10.6                    | 9.6                  | 177.79                       | -76.8               | -1,579.0            | 1,790.6                       | 1,770.5                        | 20.16                            | 88.842                    |          |
| 4,100.0                                                                             | 4,080.2                      | 3,878.8                      | 3,874.3                      | 10.9                    | 9.8                  | 177.82                       | -77.2               | -1,586.4            | 1,821.3                       | 1,800.6                        | 20.69                            | 88.015                    |          |
| 4,200.0                                                                             | 4,178.0                      | 3,936.3                      | 3,931.4                      | 11.2                    | 10.0                 | 177.84                       | -77.6               | -1,593.5            | 1,853.9                       | 1,832.7                        | 21.17                            | 87.556                    |          |
| 4,300.0                                                                             | 4,275.8                      | 4,000.0                      | 3,994.4                      | 11.6                    | 10.2                 | 177.86                       | -78.1               | -1,602.7            | 1,888.5                       | 1,866.8                        | 21.69                            | 87.058                    |          |
| 4,400.0                                                                             | 4,373.6                      | 4,049.0                      | 4,042.8                      | 12.0                    | 10.4                 | 177.88                       | -78.5               | -1,610.7            | 1,924.8                       | 1,902.7                        | 22.13                            | 86.987                    |          |
| 4,500.0                                                                             | 4,471.4                      | 4,121.2                      | 4,113.8                      | 12.3                    | 10.6                 | 177.90                       | -79.2               | -1,623.6            | 1,962.8                       | 1,940.1                        | 22.67                            | 86.583 SF                 |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                           |          |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #703H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                    | <b>Offset</b>                | <b>Semi Major Axis</b>       |                              | <b>Distance</b>         |                      | <b>Rule Assigned:</b>        |                     | <b>Warning</b>      |                               |                                |                                  |                           |          |
| <b>Measured Depth (usft)</b>                                                        | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 0.0                                                                                 | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,445.4                        | 6.43                             | 225.821                   |          |
| 100.0                                                                               | 100.0                        | 100.0                        | 100.0                        | 3.2                     | 3.2                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,444.9                        | 6.89                             | 210.636                   |          |
| 200.0                                                                               | 200.0                        | 200.0                        | 200.0                        | 3.5                     | 3.5                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,444.5                        | 7.33                             | 198.109                   |          |
| 300.0                                                                               | 300.0                        | 300.0                        | 300.0                        | 3.7                     | 3.7                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,444.0                        | 7.74                             | 187.536                   |          |
| 400.0                                                                               | 400.0                        | 400.0                        | 400.0                        | 3.9                     | 3.9                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,443.6                        | 8.14                             | 178.449                   |          |
| 500.0                                                                               | 500.0                        | 500.0                        | 500.0                        | 4.1                     | 4.1                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,443.3                        | 8.51                             | 170.526                   |          |
| 600.0                                                                               | 600.0                        | 600.0                        | 600.0                        | 4.2                     | 4.2                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,442.9                        | 8.88                             | 163.533                   |          |
| 700.0                                                                               | 700.0                        | 700.0                        | 700.0                        | 4.4                     | 4.4                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,442.6                        | 9.23                             | 157.299                   |          |
| 800.0                                                                               | 800.0                        | 800.0                        | 800.0                        | 4.6                     | 4.6                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,442.2                        | 9.57                             | 151.693                   |          |
| 900.0                                                                               | 900.0                        | 900.0                        | 900.0                        | 4.8                     | 4.8                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,441.9                        | 9.90                             | 146.616                   |          |
| 1,000.0                                                                             | 1,000.0                      | 1,000.0                      | 1,000.0                      | 4.9                     | 4.9                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,441.6                        | 10.22                            | 141.988                   |          |
| 1,100.0                                                                             | 1,100.0                      | 1,100.0                      | 1,100.0                      | 5.1                     | 5.1                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,441.2                        | 10.54                            | 137.744                   |          |
| 1,200.0                                                                             | 1,200.0                      | 1,200.0                      | 1,200.0                      | 5.2                     | 5.2                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,440.9                        | 10.85                            | 133.835                   |          |
| 1,300.0                                                                             | 1,300.0                      | 1,300.0                      | 1,300.0                      | 5.4                     | 5.4                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,440.6                        | 11.15                            | 130.216                   |          |
| 1,400.0                                                                             | 1,400.0                      | 1,400.0                      | 1,400.0                      | 5.5                     | 5.5                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,440.3                        | 11.44                            | 126.854                   |          |
| 1,500.0                                                                             | 1,500.0                      | 1,500.0                      | 1,500.0                      | 5.7                     | 5.7                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,440.0                        | 11.73                            | 123.719                   |          |
| 1,600.0                                                                             | 1,600.0                      | 1,600.0                      | 1,600.0                      | 5.8                     | 5.8                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,439.8                        | 12.02                            | 120.786                   |          |
| 1,700.0                                                                             | 1,700.0                      | 1,700.0                      | 1,700.0                      | 6.0                     | 6.0                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,439.5                        | 12.30                            | 118.034                   |          |
| 1,800.0                                                                             | 1,800.0                      | 1,800.0                      | 1,800.0                      | 6.1                     | 6.1                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,439.2                        | 12.58                            | 115.444                   |          |
| 1,900.0                                                                             | 1,900.0                      | 1,900.0                      | 1,900.0                      | 6.3                     | 6.3                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,438.9                        | 12.85                            | 113.002                   |          |
| 2,000.0                                                                             | 2,000.0                      | 2,000.0                      | 2,000.0                      | 6.4                     | 6.4                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,438.7                        | 13.12                            | 110.693                   |          |
| 2,100.0                                                                             | 2,100.0                      | 2,100.0                      | 2,100.0                      | 6.5                     | 6.5                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,438.4                        | 13.38                            | 108.505                   |          |
| 2,200.0                                                                             | 2,200.0                      | 2,200.0                      | 2,200.0                      | 6.7                     | 6.7                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,438.1                        | 13.64                            | 106.428                   |          |
| 2,300.0                                                                             | 2,300.0                      | 2,300.0                      | 2,300.0                      | 6.8                     | 6.8                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,437.9                        | 13.90                            | 104.453                   |          |
| 2,400.0                                                                             | 2,400.0                      | 2,400.0                      | 2,400.0                      | 6.9                     | 6.9                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,437.6                        | 14.15                            | 102.571                   |          |
| 2,500.0                                                                             | 2,500.0                      | 2,500.0                      | 2,500.0                      | 7.0                     | 7.0                  | -92.83                       | -71.7               | -1,450.0            | 1,451.8                       | 1,437.4                        | 14.41                            | 100.776 CC, ES            |          |
| 2,600.0                                                                             | 2,600.0                      | 2,600.0                      | 2,600.0                      | 7.2                     | 7.2                  | -152.85                      | -71.7               | -1,450.0            | 1,452.9                       | 1,438.3                        | 14.67                            | 99.025                    |          |
| 2,700.0                                                                             | 2,699.9                      | 2,699.9                      | 2,699.9                      | 7.3                     | 7.3                  | -152.89                      | -71.7               | -1,450.0            | 1,456.4                       | 1,441.5                        | 14.94                            | 97.494                    |          |
| 2,800.0                                                                             | 2,799.7                      | 2,799.7                      | 2,799.7                      | 7.5                     | 7.4                  | -152.97                      | -71.7               | -1,450.0            | 1,462.3                       | 1,447.1                        | 15.21                            | 96.107                    |          |
| 2,900.0                                                                             | 2,899.3                      | 2,899.3                      | 2,899.3                      | 7.7                     | 7.5                  | -153.08                      | -71.7               | -1,450.0            | 1,470.4                       | 1,454.9                        | 15.50                            | 94.844                    |          |
| 3,000.0                                                                             | 2,998.6                      | 2,998.6                      | 2,998.6                      | 7.9                     | 7.7                  | -153.21                      | -71.7               | -1,450.0            | 1,480.9                       | 1,465.1                        | 15.81                            | 93.688                    |          |
| 3,100.0                                                                             | 3,097.6                      | 3,070.2                      | 3,070.2                      | 8.1                     | 7.8                  | -153.35                      | -71.7               | -1,450.7            | 1,494.2                       | 1,478.1                        | 16.03                            | 93.187                    |          |
| 3,200.0                                                                             | 3,196.6                      | 3,141.0                      | 3,141.0                      | 8.3                     | 7.9                  | -153.52                      | -71.7               | -1,452.6            | 1,509.4                       | 1,493.1                        | 16.32                            | 92.513                    |          |
| 3,300.0                                                                             | 3,295.7                      | 3,200.0                      | 3,199.9                      | 8.5                     | 7.9                  | -155.80                      | -71.8               | -1,455.2            | 1,526.5                       | 1,510.0                        | 16.56                            | 92.198                    |          |
| 3,400.0                                                                             | 3,394.5                      | 3,281.2                      | 3,280.9                      | 8.8                     | 8.0                  | -167.24                      | -71.9               | -1,460.4            | 1,547.1                       | 1,530.2                        | 16.92                            | 91.435                    |          |
| 3,500.0                                                                             | 3,493.0                      | 3,349.9                      | 3,349.4                      | 9.0                     | 8.2                  | -176.07                      | -71.9               | -1,466.0            | 1,572.2                       | 1,554.9                        | 17.27                            | 91.016                    |          |
| 3,600.0                                                                             | 3,591.1                      | 3,417.5                      | 3,416.7                      | 9.3                     | 8.3                  | 177.57                       | -72.1               | -1,472.8            | 1,601.5                       | 1,583.9                        | 17.64                            | 90.806                    |          |
| 3,700.0                                                                             | 3,688.9                      | 3,484.1                      | 3,482.8                      | 9.7                     | 8.4                  | 177.61                       | -72.2               | -1,480.6            | 1,633.7                       | 1,615.6                        | 18.07                            | 90.393                    |          |
| 3,800.0                                                                             | 3,786.7                      | 3,557.0                      | 3,555.0                      | 9.9                     | 8.5                  | 177.65                       | -72.4               | -1,490.5            | 1,667.4                       | 1,648.9                        | 18.44                            | 90.425                    |          |
| 3,900.0                                                                             | 3,884.5                      | 3,651.0                      | 3,648.1                      | 10.3                    | 8.7                  | 177.71                       | -72.6               | -1,503.5            | 1,701.5                       | 1,682.6                        | 18.90                            | 90.009                    |          |
| 4,000.0                                                                             | 3,982.3                      | 3,744.9                      | 3,741.1                      | 10.6                    | 8.8                  | 177.76                       | -72.8               | -1,516.6            | 1,735.7                       | 1,716.3                        | 19.41                            | 89.427                    |          |
| 4,100.0                                                                             | 4,080.2                      | 3,838.9                      | 3,834.2                      | 10.9                    | 9.0                  | 177.81                       | -73.1               | -1,529.7            | 1,769.9                       | 1,749.9                        | 19.93                            | 88.809                    |          |
| 4,200.0                                                                             | 4,178.0                      | 3,943.6                      | 3,938.0                      | 11.2                    | 9.3                  | 177.87                       | -73.3               | -1,544.1            | 1,803.9                       | 1,783.4                        | 20.50                            | 87.990                    |          |
| 4,300.0                                                                             | 4,275.8                      | 4,055.8                      | 4,049.1                      | 11.6                    | 9.5                  | 177.92                       | -73.6               | -1,558.5            | 1,837.0                       | 1,815.9                        | 21.14                            | 86.882                    |          |
| 4,400.0                                                                             | 4,373.6                      | 4,168.7                      | 4,161.2                      | 12.0                    | 9.8                  | 177.97                       | -73.8               | -1,571.9            | 1,869.2                       | 1,847.4                        | 21.81                            | 85.722                    |          |
| 4,500.0                                                                             | 4,471.4                      | 4,282.3                      | 4,274.2                      | 12.3                    | 10.1                 | 178.02                       | -74.0               | -1,584.2            | 1,900.5                       | 1,878.1                        | 22.49                            | 84.518                    |          |
| 4,600.0                                                                             | 4,569.2                      | 4,396.7                      | 4,388.0                      | 12.7                    | 10.4                 | 178.06                       | -74.2               | -1,595.5            | 1,930.9                       | 1,907.7                        | 23.18                            | 83.286                    |          |
| 4,700.0                                                                             | 4,667.0                      | 4,511.8                      | 4,502.7                      | 13.1                    | 10.8                 | 178.10                       | -74.4               | -1,605.8            | 1,960.3                       | 1,936.4                        | 23.89                            | 82.041                    |          |
| 4,800.0                                                                             | 4,764.9                      | 4,627.6                      | 4,618.1                      | 13.5                    | 11.1                 | 178.14                       | -74.5               | -1,614.9            | 1,988.7                       | 1,964.1                        | 24.61                            | 80.794 SF                 |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

| Offset Design:  |                       | THUNDERDOME PROJECT - *THUNDERDOME FED COM #704H - OWB - PWP0 |                       |                  |               |                   |                        |                |                        |                         |                           |                   | Offset Site Error: |                    | 0.0 usft |          |
|-----------------|-----------------------|---------------------------------------------------------------|-----------------------|------------------|---------------|-------------------|------------------------|----------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|--------------------|----------|----------|
| Survey Program: |                       | 0-r.5 MWD+IFR1+MS                                             |                       |                  |               |                   |                        | Rule Assigned: |                        |                         |                           |                   |                    | Offset Well Error: |          | 3.0 usft |
| Measured Depth  | Reference             | Measured Depth                                                | Offset                | Semi Major Axis  |               | Highside Toolface | Offset Wellbore Centre |                | Distance               |                         |                           |                   | Warning            |                    |          |          |
| Depth (usft)    | Vertical Depth (usft) | Depth (usft)                                                  | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                   | +N/-S (usft)           | +E/-W (usft)   | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |                    |          |          |
| 0.0             | 0.0                   | 0.0                                                           | 0.0                   | 3.0              | 3.0           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,415.4                 | 6.43                      | 221.166           |                    |                    |          |          |
| 100.0           | 100.0                 | 100.0                                                         | 100.0                 | 3.2              | 3.2           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,415.0                 | 6.89                      | 206.294           |                    |                    |          |          |
| 200.0           | 200.0                 | 200.0                                                         | 200.0                 | 3.5              | 3.5           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,414.5                 | 7.33                      | 194.026           |                    |                    |          |          |
| 300.0           | 300.0                 | 300.0                                                         | 300.0                 | 3.7              | 3.7           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,414.1                 | 7.74                      | 183.671           |                    |                    |          |          |
| 400.0           | 400.0                 | 400.0                                                         | 400.0                 | 3.9              | 3.9           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,413.7                 | 8.14                      | 174.771           |                    |                    |          |          |
| 500.0           | 500.0                 | 500.0                                                         | 500.0                 | 4.1              | 4.1           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,413.3                 | 8.51                      | 167.011           |                    |                    |          |          |
| 600.0           | 600.0                 | 600.0                                                         | 600.0                 | 4.2              | 4.2           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,413.0                 | 8.88                      | 160.162           |                    |                    |          |          |
| 700.0           | 700.0                 | 700.0                                                         | 700.0                 | 4.4              | 4.4           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,412.6                 | 9.23                      | 154.056           |                    |                    |          |          |
| 800.0           | 800.0                 | 800.0                                                         | 800.0                 | 4.6              | 4.6           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,412.3                 | 9.57                      | 148.566           |                    |                    |          |          |
| 900.0           | 900.0                 | 900.0                                                         | 900.0                 | 4.8              | 4.8           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,412.0                 | 9.90                      | 143.594           |                    |                    |          |          |
| 1,000.0         | 1,000.0               | 1,000.0                                                       | 1,000.0               | 4.9              | 4.9           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,411.6                 | 10.22                     | 139.061           |                    |                    |          |          |
| 1,100.0         | 1,100.0               | 1,100.0                                                       | 1,100.0               | 5.1              | 5.1           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,411.3                 | 10.54                     | 134.905           |                    |                    |          |          |
| 1,200.0         | 1,200.0               | 1,200.0                                                       | 1,200.0               | 5.2              | 5.2           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,411.0                 | 10.85                     | 131.076           |                    |                    |          |          |
| 1,300.0         | 1,300.0               | 1,300.0                                                       | 1,300.0               | 5.4              | 5.4           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,410.7                 | 11.15                     | 127.532           |                    |                    |          |          |
| 1,400.0         | 1,400.0               | 1,400.0                                                       | 1,400.0               | 5.5              | 5.5           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,410.4                 | 11.44                     | 124.240           |                    |                    |          |          |
| 1,500.0         | 1,500.0               | 1,500.0                                                       | 1,500.0               | 5.7              | 5.7           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,410.1                 | 11.73                     | 121.169           |                    |                    |          |          |
| 1,600.0         | 1,600.0               | 1,600.0                                                       | 1,600.0               | 5.8              | 5.8           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,409.8                 | 12.02                     | 118.297           |                    |                    |          |          |
| 1,700.0         | 1,700.0               | 1,700.0                                                       | 1,700.0               | 6.0              | 6.0           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,409.6                 | 12.30                     | 115.601           |                    |                    |          |          |
| 1,800.0         | 1,800.0               | 1,800.0                                                       | 1,800.0               | 6.1              | 6.1           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,409.3                 | 12.58                     | 113.065           |                    |                    |          |          |
| 1,900.0         | 1,900.0               | 1,900.0                                                       | 1,900.0               | 6.3              | 6.3           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,409.0                 | 12.85                     | 110.673           |                    |                    |          |          |
| 2,000.0         | 2,000.0               | 2,000.0                                                       | 2,000.0               | 6.4              | 6.4           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,408.7                 | 13.12                     | 108.411           |                    |                    |          |          |
| 2,100.0         | 2,100.0               | 2,100.0                                                       | 2,100.0               | 6.5              | 6.5           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,408.5                 | 13.38                     | 106.268           |                    |                    |          |          |
| 2,200.0         | 2,200.0               | 2,200.0                                                       | 2,200.0               | 6.7              | 6.7           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,408.2                 | 13.64                     | 104.234           |                    |                    |          |          |
| 2,300.0         | 2,300.0               | 2,300.0                                                       | 2,300.0               | 6.8              | 6.8           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,408.0                 | 13.90                     | 102.300           |                    |                    |          |          |
| 2,400.0         | 2,400.0               | 2,400.0                                                       | 2,400.0               | 6.9              | 6.9           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,407.7                 | 14.15                     | 100.457           |                    |                    |          |          |
| 2,500.0         | 2,500.0               | 2,500.0                                                       | 2,500.0               | 7.0              | 7.0           | -92.89            | -71.6                  | -1,420.0       | 1,421.9                | 1,407.4                 | 14.41                     | 98.699            |                    |                    |          |          |
| 2,600.0         | 2,600.0               | 2,658.8                                                       | 2,658.7               | 7.2              | 7.3           | -152.95           | -71.8                  | -1,416.8       | 1,421.0                | 1,406.2                 | 14.76                     | 96.262            |                    |                    |          |          |
| 2,700.0         | 2,699.9               | 2,817.3                                                       | 2,816.9               | 7.3              | 7.5           | -153.12           | -72.3                  | -1,406.9       | 1,418.3                | 1,403.1                 | 15.12                     | 93.818            |                    |                    |          |          |
| 2,800.0         | 2,799.7               | 2,975.4                                                       | 2,974.2               | 7.5              | 7.8           | -153.41           | -73.2                  | -1,390.5       | 1,413.8                | 1,398.3                 | 15.51                     | 91.128            |                    |                    |          |          |
| 2,900.0         | 2,899.3               | 3,096.4                                                       | 3,094.1               | 7.7              | 8.0           | -153.72           | -74.0                  | -1,374.2       | 1,408.4                | 1,392.5                 | 15.85                     | 88.884            |                    |                    |          |          |
| 3,000.0         | 2,998.6               | 3,196.1                                                       | 3,192.8               | 7.9              | 8.2           | -154.02           | -74.8                  | -1,360.3       | 1,405.1                | 1,388.8                 | 16.24                     | 86.540            |                    |                    |          |          |
| 3,100.0         | 3,097.6               | 3,295.8                                                       | 3,291.5               | 8.1              | 8.4           | -154.34           | -75.5                  | -1,346.4       | 1,403.6                | 1,387.0                 | 16.60                     | 84.571            |                    |                    |          |          |
| 3,200.0         | 3,196.6               | 3,395.5                                                       | 3,390.2               | 8.3              | 8.7           | -154.65           | -76.2                  | -1,332.6       | 1,402.4                | 1,385.3                 | 17.04                     | 82.316            |                    |                    |          |          |
| 3,300.0         | 3,295.7               | 3,495.2                                                       | 3,488.9               | 8.5              | 8.9           | -157.08           | -76.9                  | -1,318.7       | 1,401.2                | 1,383.7                 | 17.48                     | 80.170            |                    |                    |          |          |
| 3,327.6         | 3,323.0               | 3,522.7                                                       | 3,516.3               | 8.6              | 9.0           | -160.48           | -77.1                  | -1,314.9       | 1,401.1                | 1,383.5                 | 17.62                     | 79.504 CC, ES     |                    |                    |          |          |
| 3,400.0         | 3,394.5               | 3,595.0                                                       | 3,587.8               | 8.8              | 9.2           | -168.37           | -77.7                  | -1,304.9       | 1,401.8                | 1,383.8                 | 18.01                     | 77.851            |                    |                    |          |          |
| 3,500.0         | 3,493.0               | 3,694.8                                                       | 3,686.7               | 9.0              | 9.5           | -177.04           | -78.4                  | -1,291.0       | 1,405.1                | 1,386.5                 | 18.56                     | 75.721            |                    |                    |          |          |
| 3,600.0         | 3,591.1               | 3,794.6                                                       | 3,785.5               | 9.3              | 9.8           | 176.81            | -79.1                  | -1,277.1       | 1,411.0                | 1,391.9                 | 19.13                     | 73.771            |                    |                    |          |          |
| 3,700.0         | 3,688.9               | 3,894.4                                                       | 3,884.3               | 9.7              | 10.1          | 176.77            | -79.8                  | -1,263.3       | 1,418.1                | 1,398.3                 | 19.79                     | 71.670            |                    |                    |          |          |
| 3,800.0         | 3,786.7               | 3,994.1                                                       | 3,983.0               | 9.9              | 10.4          | 176.74            | -80.6                  | -1,249.4       | 1,425.2                | 1,404.8                 | 20.40                     | 69.863            |                    |                    |          |          |
| 3,900.0         | 3,884.5               | 4,093.9                                                       | 4,081.8               | 10.3             | 10.7          | 176.71            | -81.3                  | -1,235.5       | 1,432.3                | 1,411.3                 | 21.04                     | 68.091            |                    |                    |          |          |
| 4,000.0         | 3,982.3               | 4,193.6                                                       | 4,180.6               | 10.6             | 11.0          | 176.68            | -82.0                  | -1,221.7       | 1,439.4                | 1,417.7                 | 21.69                     | 66.363            |                    |                    |          |          |
| 4,100.0         | 4,080.2               | 4,293.4                                                       | 4,279.4               | 10.9             | 11.3          | 176.64            | -82.7                  | -1,207.8       | 1,446.5                | 1,424.1                 | 22.36                     | 64.684            |                    |                    |          |          |
| 4,200.0         | 4,178.0               | 4,393.1                                                       | 4,378.1               | 11.2             | 11.7          | 176.61            | -83.5                  | -1,193.9       | 1,453.6                | 1,430.5                 | 23.05                     | 63.059            |                    |                    |          |          |
| 4,300.0         | 4,275.8               | 4,479.2                                                       | 4,463.5               | 11.6             | 12.0          | 176.59            | -84.1                  | -1,182.2       | 1,461.0                | 1,437.3                 | 23.69                     | 61.673            |                    |                    |          |          |
| 4,400.0         | 4,373.6               | 4,558.7                                                       | 4,542.4               | 12.0             | 12.2          | 176.57            | -84.6                  | -1,172.5       | 1,469.7                | 1,445.3                 | 24.33                     | 60.412            |                    |                    |          |          |
| 4,500.0         | 4,471.4               | 4,638.0                                                       | 4,621.2               | 12.3             | 12.5          | 176.56            | -85.0                  | -1,163.8       | 1,479.7                | 1,454.8                 | 24.97                     | 59.265            |                    |                    |          |          |
| 4,600.0         | 4,569.2               | 4,717.1                                                       | 4,699.9               | 12.7             | 12.8          | 176.56            | -85.4                  | -1,156.3       | 1,491.1                | 1,465.5                 | 25.61                     | 58.236            |                    |                    |          |          |
| 4,700.0         | 4,667.0               | 4,800.0                                                       | 4,782.5               | 13.1             | 13.0          | 176.56            | -85.8                  | -1,149.5       | 1,503.9                | 1,477.7                 | 26.25                     | 57.287            |                    |                    |          |          |
| 4,800.0         | 4,764.9               | 4,874.4                                                       | 4,856.8               | 13.5             | 13.3          | 176.56            | -86.1                  | -1,144.5       | 1,518.1                | 1,491.2                 | 26.86                     | 56.517            |                    |                    |          |          |
| 4,900.0         | 4,862.7               | 4,952.6                                                       | 4,934.8               | 13.9             | 13.5          | 176.58            | -86.3                  | -1,140.3       | 1,533.5                | 1,506.0                 | 27.47                     | 55.818            |                    |                    |          |          |
| 5,000.0         | 4,960.5               | 5,030.5                                                       | 5,012.6               | 14.3             | 13.7          | 176.60            | -86.4                  | -1,137.1       | 1,550.3                | 1,522.2                 | 28.07                     | 55.223            |                    |                    |          |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #704H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned: | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                |                    |          |
| 5,100.0                                                                      | 5,058.3                     | 5,100.0                     | 5,082.1                     | 14.7                | 13.9             | 176.62                      | -86.6                  | -1,135.2        | 1,568.4                      | 1,539.8                       | 28.63          | 54.783             |          |
| 5,200.0                                                                      | 5,156.1                     | 5,185.0                     | 5,167.2                     | 15.1                | 14.1             | 176.65                      | -86.6                  | -1,133.9        | 1,587.8                      | 1,558.6                       | 29.21          | 54.359             |          |
| 5,300.0                                                                      | 5,253.9                     | 5,271.8                     | 5,253.9                     | 15.5                | 14.2             | 176.69                      | -86.6                  | -1,133.8        | 1,608.4                      | 1,578.7                       | 29.69          | 54.174             |          |
| 5,400.0                                                                      | 5,351.8                     | 5,369.6                     | 5,351.8                     | 15.9                | 14.2             | 176.73                      | -86.6                  | -1,133.8        | 1,629.2                      | 1,599.0                       | 30.18          | 53.990             |          |
| 5,500.0                                                                      | 5,449.6                     | 5,467.4                     | 5,449.6                     | 16.3                | 14.3             | 176.77                      | -86.6                  | -1,133.8        | 1,649.9                      | 1,619.3                       | 30.67          | 53.793             |          |
| 5,600.0                                                                      | 5,547.4                     | 5,565.3                     | 5,547.4                     | 16.7                | 14.4             | 176.81                      | -86.6                  | -1,133.8        | 1,670.7                      | 1,639.5                       | 31.18          | 53.590             |          |
| 5,700.0                                                                      | 5,645.2                     | 5,663.1                     | 5,645.2                     | 17.2                | 14.4             | 176.85                      | -86.6                  | -1,133.8        | 1,691.5                      | 1,659.8                       | 31.69          | 53.383             |          |
| 5,800.0                                                                      | 5,743.0                     | 5,760.9                     | 5,743.0                     | 17.6                | 14.5             | 176.89                      | -86.6                  | -1,133.8        | 1,712.2                      | 1,680.0                       | 32.20          | 53.173             |          |
| 5,900.0                                                                      | 5,840.8                     | 5,858.7                     | 5,840.8                     | 18.0                | 14.6             | 176.93                      | -86.6                  | -1,133.8        | 1,733.0                      | 1,700.3                       | 32.72          | 52.960             |          |
| 6,000.0                                                                      | 5,938.6                     | 5,956.5                     | 5,938.6                     | 18.4                | 14.6             | 176.96                      | -86.6                  | -1,133.8        | 1,753.7                      | 1,720.5                       | 33.25          | 52.745             |          |
| 6,100.0                                                                      | 6,036.5                     | 6,054.3                     | 6,036.5                     | 18.9                | 14.7             | 177.00                      | -86.6                  | -1,133.8        | 1,774.5                      | 1,740.7                       | 33.78          | 52.528             |          |
| 6,200.0                                                                      | 6,134.3                     | 6,152.1                     | 6,134.3                     | 19.3                | 14.7             | 177.03                      | -86.6                  | -1,133.8        | 1,795.3                      | 1,761.0                       | 34.32          | 52.311             |          |
| 6,300.0                                                                      | 6,232.1                     | 6,250.0                     | 6,232.1                     | 19.7                | 14.8             | 177.07                      | -86.6                  | -1,133.8        | 1,816.0                      | 1,781.2                       | 34.86          | 52.093             |          |
| 6,400.0                                                                      | 6,329.9                     | 6,347.8                     | 6,329.9                     | 20.2                | 14.9             | 177.10                      | -86.6                  | -1,133.8        | 1,836.8                      | 1,801.4                       | 35.41          | 51.875             |          |
| 6,500.0                                                                      | 6,427.7                     | 6,445.6                     | 6,427.7                     | 20.6                | 14.9             | 177.13                      | -86.6                  | -1,133.8        | 1,857.6                      | 1,821.6                       | 35.96          | 51.658             |          |
| 6,600.0                                                                      | 6,525.5                     | 6,543.4                     | 6,525.5                     | 21.1                | 15.0             | 177.16                      | -86.6                  | -1,133.8        | 1,878.3                      | 1,841.8                       | 36.51          | 51.441             |          |
| 6,700.0                                                                      | 6,623.3                     | 6,641.2                     | 6,623.3                     | 21.5                | 15.1             | 177.20                      | -86.6                  | -1,133.8        | 1,899.1                      | 1,862.0                       | 37.07          | 51.225             |          |
| 6,800.0                                                                      | 6,721.2                     | 6,739.0                     | 6,721.2                     | 22.0                | 15.1             | 177.23                      | -86.6                  | -1,133.8        | 1,919.9                      | 1,882.2                       | 37.64          | 51.010             |          |
| 6,900.0                                                                      | 6,819.0                     | 6,836.8                     | 6,819.0                     | 22.4                | 15.2             | 177.26                      | -86.6                  | -1,133.8        | 1,940.6                      | 1,902.4                       | 38.20          | 50.797             |          |
| 7,000.0                                                                      | 6,916.8                     | 6,934.7                     | 6,916.8                     | 22.9                | 15.3             | 177.28                      | -86.6                  | -1,133.8        | 1,961.4                      | 1,922.6                       | 38.77          | 50.585             |          |
| 7,100.0                                                                      | 7,014.6                     | 7,032.5                     | 7,014.6                     | 23.3                | 15.3             | 177.31                      | -86.6                  | -1,133.8        | 1,982.2                      | 1,942.8                       | 39.35          | 50.376 SF          |          |

## ConocoPhillips

### Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #705H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Rule Assigned: Distance |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                     |  |
| 0.0                                                                          | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,385.5                 | 6.43                      | 216.504           |                             |  |
| 100.0                                                                        | 100.0                 | 100.0                 | 100.0                 | 3.2              | 3.2           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,385.0                 | 6.89                      | 201.946           |                             |  |
| 200.0                                                                        | 200.0                 | 200.0                 | 200.0                 | 3.5              | 3.5           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,384.6                 | 7.33                      | 189.936           |                             |  |
| 300.0                                                                        | 300.0                 | 300.0                 | 300.0                 | 3.7              | 3.7           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,384.1                 | 7.74                      | 179.799           |                             |  |
| 400.0                                                                        | 400.0                 | 400.0                 | 400.0                 | 3.9              | 3.9           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,383.7                 | 8.14                      | 171.087           |                             |  |
| 500.0                                                                        | 500.0                 | 500.0                 | 500.0                 | 4.1              | 4.1           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,383.4                 | 8.51                      | 163.490           |                             |  |
| 600.0                                                                        | 600.0                 | 600.0                 | 600.0                 | 4.2              | 4.2           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,383.0                 | 8.88                      | 156.786           |                             |  |
| 700.0                                                                        | 700.0                 | 700.0                 | 700.0                 | 4.4              | 4.4           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,382.7                 | 9.23                      | 150.809           |                             |  |
| 800.0                                                                        | 800.0                 | 800.0                 | 800.0                 | 4.6              | 4.6           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,382.3                 | 9.57                      | 145.435           |                             |  |
| 900.0                                                                        | 900.0                 | 900.0                 | 900.0                 | 4.8              | 4.8           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,382.0                 | 9.90                      | 140.567           |                             |  |
| 1,000.0                                                                      | 1,000.0               | 1,000.0               | 1,000.0               | 4.9              | 4.9           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,381.7                 | 10.22                     | 136.130           |                             |  |
| 1,100.0                                                                      | 1,100.0               | 1,100.0               | 1,100.0               | 5.1              | 5.1           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,381.3                 | 10.54                     | 132.061           |                             |  |
| 1,200.0                                                                      | 1,200.0               | 1,200.0               | 1,200.0               | 5.2              | 5.2           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,381.0                 | 10.85                     | 128.313           |                             |  |
| 1,300.0                                                                      | 1,300.0               | 1,300.0               | 1,300.0               | 5.4              | 5.4           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,380.7                 | 11.15                     | 124.844           |                             |  |
| 1,400.0                                                                      | 1,400.0               | 1,400.0               | 1,400.0               | 5.5              | 5.5           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,380.4                 | 11.44                     | 121.621           |                             |  |
| 1,500.0                                                                      | 1,500.0               | 1,500.0               | 1,500.0               | 5.7              | 5.7           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,380.1                 | 11.73                     | 118.615           |                             |  |
| 1,600.0                                                                      | 1,600.0               | 1,600.0               | 1,600.0               | 5.8              | 5.8           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,379.9                 | 12.02                     | 115.803           |                             |  |
| 1,700.0                                                                      | 1,700.0               | 1,700.0               | 1,700.0               | 6.0              | 6.0           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,379.6                 | 12.30                     | 113.164           |                             |  |
| 1,800.0                                                                      | 1,800.0               | 1,800.0               | 1,800.0               | 6.1              | 6.1           | -92.95                | -71.6                  | -1,390.0     | 1,391.9                 | 1,379.3                 | 12.58                     | 110.682           |                             |  |
| 1,900.0                                                                      | 1,900.0               | 1,932.2               | 1,932.2               | 6.3              | 6.3           | -93.02                | -73.2                  | -1,388.4     | 1,390.7                 | 1,377.8                 | 12.88                     | 107.957           |                             |  |
| 2,000.0                                                                      | 2,000.0               | 2,064.2               | 2,063.9               | 6.4              | 6.5           | -93.23                | -78.1                  | -1,383.6     | 1,387.3                 | 1,374.1                 | 13.17                     | 105.310           |                             |  |
| 2,100.0                                                                      | 2,100.0               | 2,195.4               | 2,194.7               | 6.5              | 6.8           | -93.58                | -86.1                  | -1,375.6     | 1,381.5                 | 1,368.1                 | 13.47                     | 102.566           |                             |  |
| 2,200.0                                                                      | 2,200.0               | 2,296.0               | 2,294.7               | 6.7              | 6.9           | -93.91                | -93.5                  | -1,368.1     | 1,374.6                 | 1,360.9                 | 13.73                     | 100.093           |                             |  |
| 2,300.0                                                                      | 2,300.0               | 2,395.4               | 2,393.6               | 6.8              | 7.1           | -94.24                | -100.9                 | -1,360.8     | 1,367.7                 | 1,353.7                 | 14.00                     | 97.681            |                             |  |
| 2,400.0                                                                      | 2,400.0               | 2,494.9               | 2,492.5               | 6.9              | 7.3           | -94.57                | -108.2                 | -1,353.4     | 1,360.9                 | 1,346.6                 | 14.28                     | 95.325            |                             |  |
| 2,500.0                                                                      | 2,500.0               | 2,594.3               | 2,591.5               | 7.0              | 7.6           | -94.91                | -115.6                 | -1,346.1     | 1,354.1                 | 1,339.6                 | 14.56                     | 93.030            |                             |  |
| 2,600.0                                                                      | 2,600.0               | 2,693.8               | 2,690.4               | 7.2              | 7.8           | -155.30               | -122.9                 | -1,338.7     | 1,348.6                 | 1,333.7                 | 14.86                     | 90.742            |                             |  |
| 2,700.0                                                                      | 2,699.9               | 2,850.3               | 2,845.9               | 7.3              | 8.2           | -155.89               | -132.1                 | -1,324.3     | 1,343.6                 | 1,328.3                 | 15.29                     | 87.893            |                             |  |
| 2,800.0                                                                      | 2,799.7               | 3,012.8               | 3,006.8               | 7.5              | 8.7           | -156.38               | -135.8                 | -1,302.4     | 1,336.4                 | 1,320.6                 | 15.79                     | 84.616            |                             |  |
| 2,900.0                                                                      | 2,899.3               | 3,137.2               | 3,129.5               | 7.7              | 9.0           | -156.69               | -135.0                 | -1,281.4     | 1,327.7                 | 1,311.4                 | 16.26                     | 81.636            |                             |  |
| 3,000.0                                                                      | 2,998.6               | 3,236.8               | 3,227.6               | 7.9              | 9.3           | -156.98               | -134.0                 | -1,264.1     | 1,321.1                 | 1,304.4                 | 16.75                     | 78.851            |                             |  |
| 3,100.0                                                                      | 3,097.6               | 3,336.5               | 3,325.8               | 8.1              | 9.5           | -157.27               | -133.1                 | -1,246.8     | 1,316.4                 | 1,299.2                 | 17.20                     | 76.513            |                             |  |
| 3,200.0                                                                      | 3,196.6               | 3,436.2               | 3,423.9               | 8.3              | 9.8           | -157.55               | -132.1                 | -1,229.5     | 1,311.9                 | 1,294.1                 | 17.73                     | 73.997            |                             |  |
| 3,300.0                                                                      | 3,295.7               | 3,535.9               | 3,522.1               | 8.5              | 10.2          | -159.94               | -131.1                 | -1,212.2     | 1,307.4                 | 1,289.2                 | 18.25                     | 71.633            |                             |  |
| 3,400.0                                                                      | 3,394.5               | 3,635.7               | 3,620.4               | 8.8              | 10.5          | -171.16               | -130.1                 | -1,194.9     | 1,304.6                 | 1,285.8                 | 18.86                     | 69.190            |                             |  |
| 3,457.8                                                                      | 3,451.6               | 3,693.5               | 3,677.3               | 8.9              | 10.7          | -176.40               | -129.5                 | -1,184.9     | 1,304.2                 | 1,285.0                 | 19.22                     | 67.873 CC         |                             |  |
| 3,500.0                                                                      | 3,493.0               | 3,735.7               | 3,718.8               | 9.0              | 10.8          | -179.73               | -129.1                 | -1,177.6     | 1,304.4                 | 1,285.0                 | 19.48                     | 66.957 ES         |                             |  |
| 3,600.0                                                                      | 3,591.1               | 3,835.6               | 3,817.3               | 9.3              | 11.2          | 174.22                | -128.1                 | -1,160.3     | 1,306.8                 | 1,286.7                 | 20.13                     | 64.925            |                             |  |
| 3,700.0                                                                      | 3,688.9               | 3,935.6               | 3,915.7               | 9.7              | 11.5          | 174.25                | -127.2                 | -1,142.9     | 1,310.2                 | 1,289.4                 | 20.86                     | 62.818            |                             |  |
| 3,800.0                                                                      | 3,786.7               | 4,035.5               | 4,014.1               | 9.9              | 11.9          | 174.29                | -126.2                 | -1,125.6     | 1,313.7                 | 1,292.1                 | 21.54                     | 60.984            |                             |  |
| 3,900.0                                                                      | 3,884.5               | 4,135.5               | 4,112.6               | 10.3             | 12.3          | 174.32                | -125.2                 | -1,108.3     | 1,317.1                 | 1,294.9                 | 22.24                     | 59.213            |                             |  |
| 4,000.0                                                                      | 3,982.3               | 4,235.4               | 4,211.0               | 10.6             | 12.6          | 174.35                | -124.2                 | -1,091.0     | 1,320.5                 | 1,297.6                 | 22.96                     | 57.508            |                             |  |
| 4,100.0                                                                      | 4,080.2               | 4,335.3               | 4,309.4               | 10.9             | 13.0          | 174.38                | -123.2                 | -1,073.6     | 1,324.0                 | 1,300.3                 | 23.70                     | 55.871            |                             |  |
| 4,200.0                                                                      | 4,178.0               | 4,435.3               | 4,407.8               | 11.2             | 13.4          | 174.41                | -122.2                 | -1,056.3     | 1,327.4                 | 1,303.0                 | 24.45                     | 54.301            |                             |  |
| 4,300.0                                                                      | 4,275.8               | 4,535.2               | 4,506.2               | 11.6             | 13.8          | 174.44                | -121.3                 | -1,039.0     | 1,330.9                 | 1,305.6                 | 25.21                     | 52.798            |                             |  |
| 4,400.0                                                                      | 4,373.6               | 4,635.1               | 4,604.7               | 12.0             | 14.2          | 174.47                | -120.3                 | -1,021.7     | 1,334.3                 | 1,308.3                 | 25.98                     | 51.361            |                             |  |
| 4,500.0                                                                      | 4,471.4               | 4,735.1               | 4,703.1               | 12.3             | 14.6          | 174.50                | -119.3                 | -1,004.3     | 1,337.7                 | 1,311.0                 | 26.76                     | 49.987            |                             |  |
| 4,600.0                                                                      | 4,569.2               | 4,835.0               | 4,801.5               | 12.7             | 15.0          | 174.53                | -118.3                 | -987.0       | 1,341.2                 | 1,313.6                 | 27.55                     | 48.674            |                             |  |
| 4,700.0                                                                      | 4,667.0               | 4,935.0               | 4,899.9               | 13.1             | 15.4          | 174.56                | -117.3                 | -969.7       | 1,344.6                 | 1,316.3                 | 28.36                     | 47.420            |                             |  |
| 4,800.0                                                                      | 4,764.9               | 5,034.9               | 4,998.3               | 13.5             | 15.8          | 174.59                | -116.3                 | -952.4       | 1,348.1                 | 1,318.9                 | 29.16                     | 46.223            |                             |  |
| 4,900.0                                                                      | 4,862.7               | 5,134.8               | 5,096.8               | 13.9             | 16.2          | 174.62                | -115.4                 | -935.0       | 1,351.5                 | 1,321.5                 | 29.98                     | 45.078            |                             |  |
| 5,000.0                                                                      | 4,960.5               | 5,234.8               | 5,195.2               | 14.3             | 16.6          | 174.65                | -114.4                 | -917.7       | 1,355.0                 | 1,324.1                 | 30.80                     | 43.985            |                             |  |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #705H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |          |
| 5,100.0                                                                      | 5,058.3                     | 5,334.7                     | 5,293.6                     | 14.7                | 17.0             | 174.68                      | -113.4                 | -900.4          | 1,358.4                      | 1,326.8                       | 31.63                           | 42.941               |                    |          |
| 5,200.0                                                                      | 5,156.1                     | 5,434.7                     | 5,392.0                     | 15.1                | 17.4             | 174.71                      | -112.4                 | -883.1          | 1,361.8                      | 1,329.4                       | 32.47                           | 41.942               |                    |          |
| 5,300.0                                                                      | 5,253.9                     | 5,534.6                     | 5,490.4                     | 15.5                | 17.8             | 174.74                      | -111.4                 | -865.7          | 1,365.3                      | 1,332.0                       | 33.31                           | 40.987               |                    |          |
| 5,400.0                                                                      | 5,351.8                     | 5,634.5                     | 5,588.9                     | 15.9                | 18.3             | 174.77                      | -110.4                 | -848.4          | 1,368.7                      | 1,334.6                       | 34.16                           | 40.073               |                    |          |
| 5,500.0                                                                      | 5,449.6                     | 5,734.5                     | 5,687.3                     | 16.3                | 18.7             | 174.80                      | -109.5                 | -831.1          | 1,372.2                      | 1,337.2                       | 35.01                           | 39.198               |                    |          |
| 5,600.0                                                                      | 5,547.4                     | 5,834.4                     | 5,785.7                     | 16.7                | 19.1             | 174.83                      | -108.5                 | -813.7          | 1,375.6                      | 1,339.8                       | 35.86                           | 38.360               |                    |          |
| 5,700.0                                                                      | 5,645.2                     | 5,934.3                     | 5,884.1                     | 17.2                | 19.5             | 174.86                      | -107.5                 | -796.4          | 1,379.1                      | 1,342.3                       | 36.72                           | 37.557               |                    |          |
| 5,800.0                                                                      | 5,743.0                     | 6,034.3                     | 5,982.5                     | 17.6                | 19.9             | 174.89                      | -106.5                 | -779.1          | 1,382.5                      | 1,344.9                       | 37.58                           | 36.788               |                    |          |
| 5,900.0                                                                      | 5,840.8                     | 6,134.2                     | 6,081.0                     | 18.0                | 20.4             | 174.92                      | -105.5                 | -761.8          | 1,386.0                      | 1,347.5                       | 38.45                           | 36.049               |                    |          |
| 6,000.0                                                                      | 5,938.6                     | 6,234.2                     | 6,179.4                     | 18.4                | 20.8             | 174.94                      | -104.5                 | -744.4          | 1,389.4                      | 1,350.1                       | 39.32                           | 35.340               |                    |          |
| 6,100.0                                                                      | 6,036.5                     | 6,334.1                     | 6,277.8                     | 18.9                | 21.2             | 174.97                      | -103.6                 | -727.1          | 1,392.9                      | 1,352.7                       | 40.19                           | 34.659               |                    |          |
| 6,200.0                                                                      | 6,134.3                     | 6,434.0                     | 6,376.2                     | 19.3                | 21.7             | 175.00                      | -102.6                 | -709.8          | 1,396.3                      | 1,355.2                       | 41.05                           | 34.011               |                    |          |
| 6,300.0                                                                      | 6,232.1                     | 6,517.1                     | 6,458.1                     | 19.7                | 22.0             | 175.02                      | -101.8                 | -695.8          | 1,400.3                      | 1,358.4                       | 41.84                           | 33.468               |                    |          |
| 6,400.0                                                                      | 6,329.9                     | 6,600.0                     | 6,540.0                     | 20.2                | 22.3             | 175.05                      | -101.0                 | -683.0          | 1,405.6                      | 1,363.0                       | 42.63                           | 32.975               |                    |          |
| 6,500.0                                                                      | 6,427.7                     | 6,677.5                     | 6,616.7                     | 20.6                | 22.7             | 175.08                      | -100.4                 | -672.1          | 1,412.4                      | 1,369.0                       | 43.38                           | 32.561               |                    |          |
| 6,600.0                                                                      | 6,525.5                     | 6,757.4                     | 6,696.0                     | 21.1                | 23.0             | 175.11                      | -99.9                  | -662.0          | 1,420.5                      | 1,376.4                       | 44.12                           | 32.194               |                    |          |
| 6,700.0                                                                      | 6,623.3                     | 6,837.2                     | 6,775.2                     | 21.5                | 23.3             | 175.15                      | -99.3                  | -652.9          | 1,430.0                      | 1,385.2                       | 44.85                           | 31.881               |                    |          |
| 6,800.0                                                                      | 6,721.2                     | 6,916.7                     | 6,854.3                     | 22.0                | 23.6             | 175.18                      | -98.9                  | -645.0          | 1,440.9                      | 1,395.3                       | 45.57                           | 31.619               |                    |          |
| 6,900.0                                                                      | 6,819.0                     | 7,000.0                     | 6,937.4                     | 22.4                | 23.9             | 175.22                      | -98.5                  | -637.9          | 1,453.2                      | 1,406.9                       | 46.30                           | 31.390               |                    |          |
| 7,000.0                                                                      | 6,916.8                     | 7,074.9                     | 7,012.1                     | 22.9                | 24.2             | 175.26                      | -98.2                  | -632.6          | 1,466.8                      | 1,419.9                       | 46.95                           | 31.243               |                    |          |
| 7,100.0                                                                      | 7,014.6                     | 7,153.6                     | 7,090.6                     | 23.3                | 24.5             | 175.30                      | -97.9                  | -628.0          | 1,481.8                      | 1,434.2                       | 47.61                           | 31.127               |                    |          |
| 7,200.0                                                                      | 7,112.4                     | 7,231.9                     | 7,168.8                     | 23.8                | 24.7             | 175.35                      | -97.7                  | -624.5          | 1,498.2                      | 1,449.9                       | 48.24                           | 31.056               |                    |          |
| 7,300.0                                                                      | 7,210.3                     | 7,300.0                     | 7,236.9                     | 24.2                | 24.9             | 175.39                      | -97.6                  | -622.4          | 1,515.6                      | 1,466.8                       | 48.77                           | 31.077               |                    |          |
| 7,400.0                                                                      | 7,308.5                     | 7,387.7                     | 7,324.6                     | 24.6                | 25.2             | 175.46                      | -97.5                  | -620.8          | 1,532.7                      | 1,483.3                       | 49.39                           | 31.031               |                    |          |
| 7,500.0                                                                      | 7,407.0                     | 7,470.1                     | 7,407.0                     | 25.1                | 25.2             | 175.51                      | -97.5                  | -620.5          | 1,549.4                      | 1,499.5                       | 49.85                           | 31.084               |                    |          |
| 7,600.0                                                                      | 7,505.8                     | 7,568.9                     | 7,505.8                     | 25.5                | 25.3             | 175.57                      | -97.5                  | -620.5          | 1,564.8                      | 1,514.5                       | 50.30                           | 31.110               |                    |          |
| 7,700.0                                                                      | 7,604.9                     | 7,668.0                     | 7,604.9                     | 25.9                | 25.3             | 175.62                      | -97.5                  | -620.5          | 1,578.5                      | 1,527.7                       | 50.75                           | 31.104               |                    |          |
| 7,800.0                                                                      | 7,704.1                     | 7,767.2                     | 7,704.1                     | 26.3                | 25.3             | 175.66                      | -97.5                  | -620.5          | 1,590.4                      | 1,539.2                       | 51.19                           | 31.069               |                    |          |
| 7,900.0                                                                      | 7,803.6                     | 7,866.7                     | 7,803.6                     | 26.7                | 25.4             | 175.69                      | -97.5                  | -620.5          | 1,600.6                      | 1,549.0                       | 51.62                           | 31.009               |                    |          |
| 8,000.0                                                                      | 7,903.3                     | 7,966.4                     | 7,903.3                     | 27.1                | 25.4             | 175.72                      | -97.5                  | -620.5          | 1,609.1                      | 1,557.1                       | 52.03                           | 30.924               |                    |          |
| 8,100.0                                                                      | 8,003.0                     | 8,066.1                     | 8,003.0                     | 27.4                | 25.4             | 175.75                      | -97.5                  | -620.5          | 1,615.9                      | 1,563.5                       | 52.43                           | 30.818               |                    |          |
| 8,200.0                                                                      | 8,102.9                     | 8,166.0                     | 8,102.9                     | 27.8                | 25.5             | 175.76                      | -97.5                  | -620.5          | 1,620.9                      | 1,568.1                       | 52.81                           | 30.694               |                    |          |
| 8,300.0                                                                      | 8,202.8                     | 8,265.9                     | 8,202.8                     | 28.1                | 25.5             | 175.77                      | -97.5                  | -620.5          | 1,624.2                      | 1,571.0                       | 53.15                           | 30.556               |                    |          |
| 8,400.0                                                                      | 8,302.8                     | 8,365.9                     | 8,302.8                     | 28.3                | 25.5             | 175.78                      | -97.5                  | -620.5          | 1,625.7                      | 1,572.3                       | 53.45                           | 30.418               |                    |          |
| 8,500.0                                                                      | 8,402.8                     | 8,465.9                     | 8,402.8                     | 28.4                | 25.6             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.3                       | 53.53                           | 30.370               |                    |          |
| 8,600.0                                                                      | 8,502.8                     | 8,565.9                     | 8,502.8                     | 28.4                | 25.6             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.2                       | 53.60                           | 30.332               |                    |          |
| 8,700.0                                                                      | 8,602.8                     | 8,665.9                     | 8,602.8                     | 28.4                | 25.6             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.2                       | 53.67                           | 30.294               |                    |          |
| 8,800.0                                                                      | 8,702.8                     | 8,765.9                     | 8,702.8                     | 28.5                | 25.7             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.1                       | 53.74                           | 30.255               |                    |          |
| 8,900.0                                                                      | 8,802.8                     | 8,865.9                     | 8,802.8                     | 28.5                | 25.7             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.0                       | 53.81                           | 30.217               |                    |          |
| 9,000.0                                                                      | 8,902.8                     | 8,965.9                     | 8,902.8                     | 28.5                | 25.7             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,572.0                       | 53.88                           | 30.178               |                    |          |
| 9,100.0                                                                      | 9,002.8                     | 9,065.9                     | 9,002.8                     | 28.6                | 25.8             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.9                       | 53.94                           | 30.139               |                    |          |
| 9,200.0                                                                      | 9,102.8                     | 9,165.9                     | 9,102.8                     | 28.6                | 25.8             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.8                       | 54.01                           | 30.100               |                    |          |
| 9,300.0                                                                      | 9,202.8                     | 9,265.9                     | 9,202.8                     | 28.6                | 25.9             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.8                       | 54.08                           | 30.061               |                    |          |
| 9,400.0                                                                      | 9,302.8                     | 9,365.9                     | 9,302.8                     | 28.7                | 25.9             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.7                       | 54.15                           | 30.022               |                    |          |
| 9,500.0                                                                      | 9,402.8                     | 9,465.9                     | 9,402.8                     | 28.7                | 25.9             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.6                       | 54.23                           | 29.983               |                    |          |
| 9,600.0                                                                      | 9,502.8                     | 9,565.9                     | 9,502.8                     | 28.7                | 26.0             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.6                       | 54.30                           | 29.944               |                    |          |
| 9,700.0                                                                      | 9,602.8                     | 9,665.9                     | 9,602.8                     | 28.8                | 26.0             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.5                       | 54.37                           | 29.904               |                    |          |
| 9,800.0                                                                      | 9,702.8                     | 9,765.9                     | 9,702.8                     | 28.8                | 26.0             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.4                       | 54.44                           | 29.864               |                    |          |
| 9,900.0                                                                      | 9,802.8                     | 9,865.9                     | 9,802.8                     | 28.9                | 26.1             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.3                       | 54.51                           | 29.825               |                    |          |
| 10,000.0                                                                     | 9,902.8                     | 9,965.9                     | 9,902.8                     | 28.9                | 26.1             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.3                       | 54.59                           | 29.785               |                    |          |
| 10,100.0                                                                     | 10,002.8                    | 10,065.9                    | 10,002.8                    | 28.9                | 26.2             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.2                       | 54.66                           | 29.745               |                    |          |
| 10,200.0                                                                     | 10,102.8                    | 10,165.9                    | 10,102.8                    | 29.0                | 26.2             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.1                       | 54.73                           | 29.705               |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #705H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 10,300.0                                                                     | 10,202.8                    | 10,265.9                    | 10,202.8                    | 29.0                | 26.2             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.0                       | 54.81                | 29.665             |          |
| 10,400.0                                                                     | 10,302.8                    | 10,365.9                    | 10,302.8                    | 29.0                | 26.3             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,571.0                       | 54.88                | 29.625             |          |
| 10,500.0                                                                     | 10,402.8                    | 10,465.9                    | 10,402.8                    | 29.1                | 26.3             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,570.9                       | 54.96                | 29.584             |          |
| 10,600.0                                                                     | 10,502.8                    | 10,565.9                    | 10,502.8                    | 29.1                | 26.3             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,570.8                       | 55.03                | 29.544             |          |
| 10,700.0                                                                     | 10,602.8                    | 10,665.9                    | 10,602.8                    | 29.1                | 26.4             | -96.22                      | -97.5                  | -620.5          | 1,625.9                      | 1,570.7                       | 55.11                | 29.503             |          |
| 10,800.0                                                                     | 10,702.4                    | 10,765.5                    | 10,702.4                    | 29.2                | 26.4             | -96.19                      | -97.5                  | -620.5          | 1,626.7                      | 1,571.5                       | 55.18                | 29.478             |          |
| 10,900.0                                                                     | 10,799.0                    | 10,874.2                    | 10,811.1                    | 29.3                | 26.4             | -96.85                      | -96.5                  | -620.5          | 1,629.6                      | 1,574.3                       | 55.30                | 29.470             |          |
| 11,000.0                                                                     | 10,889.9                    | 11,029.7                    | 10,963.1                    | 29.4                | 26.5             | -97.81                      | -66.4                  | -620.6          | 1,632.6                      | 1,577.0                       | 55.66                | 29.330             |          |
| 11,100.0                                                                     | 10,972.1                    | 11,196.7                    | 11,111.0                    | 29.5                | 26.5             | -98.37                      | 10.0                   | -620.9          | 1,634.4                      | 1,578.3                       | 56.10                | 29.133             |          |
| 11,200.0                                                                     | 11,043.2                    | 11,368.5                    | 11,233.6                    | 29.6                | 26.5             | -98.39                      | 129.4                  | -621.4          | 1,634.5                      | 1,578.0                       | 56.52                | 28.917             |          |
| 11,300.0                                                                     | 11,101.1                    | 11,536.3                    | 11,314.1                    | 29.7                | 26.6             | -97.88                      | 276.0                  | -622.0          | 1,632.9                      | 1,576.0                       | 56.83                | 28.732             |          |
| 11,400.0                                                                     | 11,144.0                    | 11,693.1                    | 11,348.0                    | 29.7                | 26.7             | -96.95                      | 428.5                  | -622.6          | 1,629.9                      | 1,572.9                       | 56.99                | 28.599             |          |
| 11,500.0                                                                     | 11,170.5                    | 11,806.2                    | 11,350.0                    | 29.8                | 26.9             | -96.23                      | 541.6                  | -623.0          | 1,626.9                      | 1,569.8                       | 57.14                | 28.473             |          |
| 11,600.0                                                                     | 11,179.9                    | 11,905.6                    | 11,350.0                    | 29.9                | 27.0             | -96.00                      | 641.0                  | -623.4          | 1,625.9                      | 1,568.5                       | 57.43                | 28.312             |          |
| 11,680.5                                                                     | 11,180.3                    | 11,986.1                    | 11,350.0                    | 30.0                | 27.1             | -95.99                      | 721.5                  | -623.7          | 1,625.9                      | 1,568.1                       | 57.74                | 28.159             |          |
| 11,700.0                                                                     | 11,180.0                    | 12,005.6                    | 11,350.0                    | 30.0                | 27.1             | -96.00                      | 741.0                  | -623.8          | 1,625.9                      | 1,568.1                       | 57.82                | 28.121             |          |
| 11,800.0                                                                     | 11,180.0                    | 12,105.6                    | 11,350.0                    | 30.1                | 27.3             | -96.00                      | 841.0                  | -624.2          | 1,625.9                      | 1,567.6                       | 58.25                | 27.914             |          |
| 11,900.0                                                                     | 11,180.0                    | 12,205.6                    | 11,350.0                    | 30.2                | 27.5             | -96.00                      | 941.0                  | -624.6          | 1,625.9                      | 1,567.2                       | 58.71                | 27.693             |          |
| 12,000.0                                                                     | 11,180.0                    | 12,305.6                    | 11,350.0                    | 30.4                | 27.7             | -96.00                      | 1,041.0                | -625.0          | 1,625.9                      | 1,566.7                       | 59.21                | 27.459             |          |
| 12,100.0                                                                     | 11,180.0                    | 12,405.6                    | 11,350.0                    | 30.6                | 27.9             | -96.00                      | 1,141.0                | -625.4          | 1,625.9                      | 1,566.1                       | 59.75                | 27.214             |          |
| 12,200.0                                                                     | 11,180.0                    | 12,505.6                    | 11,350.0                    | 30.7                | 28.2             | -96.00                      | 1,241.0                | -625.8          | 1,625.9                      | 1,565.6                       | 60.31                | 26.957             |          |
| 12,300.0                                                                     | 11,180.0                    | 12,605.6                    | 11,350.0                    | 30.9                | 28.5             | -96.00                      | 1,341.0                | -626.2          | 1,625.9                      | 1,565.0                       | 60.91                | 26.692             |          |
| 12,400.0                                                                     | 11,180.0                    | 12,705.6                    | 11,350.0                    | 31.2                | 28.8             | -96.00                      | 1,441.0                | -626.6          | 1,625.9                      | 1,564.3                       | 61.55                | 26.418             |          |
| 12,500.0                                                                     | 11,180.0                    | 12,805.6                    | 11,350.0                    | 31.4                | 29.1             | -96.00                      | 1,541.0                | -627.0          | 1,625.9                      | 1,563.7                       | 62.21                | 26.136             |          |
| 12,600.0                                                                     | 11,180.0                    | 12,905.6                    | 11,350.0                    | 31.7                | 29.4             | -96.00                      | 1,641.0                | -627.4          | 1,625.9                      | 1,563.0                       | 62.90                | 25.849             |          |
| 12,700.0                                                                     | 11,180.0                    | 13,005.6                    | 11,350.0                    | 31.9                | 29.7             | -96.00                      | 1,741.0                | -627.8          | 1,625.9                      | 1,562.3                       | 63.62                | 25.556             |          |
| 12,800.0                                                                     | 11,180.0                    | 13,105.6                    | 11,350.0                    | 32.2                | 30.1             | -96.00                      | 1,841.0                | -628.2          | 1,625.9                      | 1,561.5                       | 64.37                | 25.259             |          |
| 12,900.0                                                                     | 11,180.0                    | 13,205.6                    | 11,350.0                    | 32.6                | 30.5             | -96.00                      | 1,941.0                | -628.6          | 1,625.9                      | 1,560.8                       | 65.15                | 24.958             |          |
| 13,000.0                                                                     | 11,180.0                    | 13,305.6                    | 11,350.0                    | 32.9                | 30.8             | -96.00                      | 2,041.0                | -629.0          | 1,625.9                      | 1,560.0                       | 65.95                | 24.655             |          |
| 13,100.0                                                                     | 11,180.0                    | 13,405.6                    | 11,350.0                    | 33.2                | 31.2             | -96.00                      | 2,141.0                | -629.4          | 1,625.9                      | 1,559.1                       | 66.77                | 24.350             |          |
| 13,200.0                                                                     | 11,180.0                    | 13,505.6                    | 11,350.0                    | 33.6                | 31.7             | -96.00                      | 2,241.0                | -629.8          | 1,625.9                      | 1,558.3                       | 67.62                | 24.044             |          |
| 13,300.0                                                                     | 11,180.0                    | 13,605.6                    | 11,350.0                    | 33.9                | 32.1             | -96.00                      | 2,341.0                | -630.2          | 1,625.9                      | 1,557.4                       | 68.50                | 23.737             |          |
| 13,400.0                                                                     | 11,180.0                    | 13,705.6                    | 11,350.0                    | 34.3                | 32.5             | -96.00                      | 2,441.0                | -630.6          | 1,625.9                      | 1,556.5                       | 69.39                | 23.431             |          |
| 13,500.0                                                                     | 11,180.0                    | 13,805.6                    | 11,350.0                    | 34.7                | 33.0             | -96.00                      | 2,541.0                | -631.0          | 1,625.9                      | 1,555.6                       | 70.31                | 23.126             |          |
| 13,600.0                                                                     | 11,180.0                    | 13,905.6                    | 11,350.0                    | 35.1                | 33.4             | -96.00                      | 2,641.0                | -631.4          | 1,625.9                      | 1,554.7                       | 71.24                | 22.822             |          |
| 13,700.0                                                                     | 11,180.0                    | 14,005.6                    | 11,350.0                    | 35.6                | 33.9             | -96.00                      | 2,741.0                | -631.8          | 1,625.9                      | 1,553.7                       | 72.20                | 22.520             |          |
| 13,800.0                                                                     | 11,180.0                    | 14,105.6                    | 11,350.0                    | 36.0                | 34.4             | -96.00                      | 2,841.0                | -632.2          | 1,625.9                      | 1,552.7                       | 73.18                | 22.219             |          |
| 13,900.0                                                                     | 11,180.0                    | 14,205.6                    | 11,350.0                    | 36.5                | 34.9             | -96.00                      | 2,941.0                | -632.6          | 1,625.9                      | 1,551.7                       | 74.17                | 21.922             |          |
| 14,000.0                                                                     | 11,180.0                    | 14,305.6                    | 11,350.0                    | 36.9                | 35.4             | -96.00                      | 3,041.0                | -633.0          | 1,625.9                      | 1,550.7                       | 75.18                | 21.627             |          |
| 14,100.0                                                                     | 11,180.0                    | 14,405.6                    | 11,350.0                    | 37.4                | 35.9             | -96.00                      | 3,141.0                | -633.4          | 1,625.9                      | 1,549.7                       | 76.21                | 21.335             |          |
| 14,200.0                                                                     | 11,180.0                    | 14,505.6                    | 11,350.0                    | 37.9                | 36.4             | -96.00                      | 3,241.0                | -633.8          | 1,625.9                      | 1,548.7                       | 77.25                | 21.047             |          |
| 14,300.0                                                                     | 11,180.0                    | 14,605.6                    | 11,350.0                    | 38.4                | 37.0             | -96.00                      | 3,341.0                | -634.2          | 1,625.9                      | 1,547.6                       | 78.31                | 20.762             |          |
| 14,400.0                                                                     | 11,180.0                    | 14,705.6                    | 11,350.0                    | 38.9                | 37.5             | -96.00                      | 3,441.0                | -634.6          | 1,625.9                      | 1,546.5                       | 79.38                | 20.482             |          |
| 14,500.0                                                                     | 11,180.0                    | 14,805.6                    | 11,350.0                    | 39.4                | 38.1             | -96.00                      | 3,541.0                | -635.0          | 1,625.9                      | 1,545.4                       | 80.47                | 20.205             |          |
| 14,600.0                                                                     | 11,180.0                    | 14,905.6                    | 11,350.0                    | 39.9                | 38.6             | -96.00                      | 3,641.0                | -635.4          | 1,625.9                      | 1,544.3                       | 81.57                | 19.932             |          |
| 14,700.0                                                                     | 11,180.0                    | 15,005.6                    | 11,350.0                    | 40.4                | 39.2             | -96.00                      | 3,741.0                | -635.8          | 1,625.9                      | 1,543.2                       | 82.69                | 19.663             |          |
| 14,800.0                                                                     | 11,180.0                    | 15,105.6                    | 11,350.0                    | 40.9                | 39.8             | -96.00                      | 3,841.0                | -636.2          | 1,625.9                      | 1,542.1                       | 83.82                | 19.399             |          |
| 14,900.0                                                                     | 11,180.0                    | 15,205.6                    | 11,350.0                    | 41.5                | 40.3             | -96.00                      | 3,941.0                | -636.6          | 1,625.9                      | 1,541.0                       | 84.95                | 19.139             |          |
| 15,000.0                                                                     | 11,180.0                    | 15,305.6                    | 11,350.0                    | 42.0                | 40.9             | -96.00                      | 4,041.0                | -637.0          | 1,625.9                      | 1,539.8                       | 86.11                | 18.883             |          |
| 15,100.0                                                                     | 11,180.0                    | 15,405.6                    | 11,350.0                    | 42.6                | 41.5             | -96.00                      | 4,141.0                | -637.5          | 1,625.9                      | 1,538.7                       | 87.27                | 18.631             |          |
| 15,200.0                                                                     | 11,180.0                    | 15,505.6                    | 11,350.0                    | 43.2                | 42.1             | -96.00                      | 4,241.0                | -637.9          | 1,625.9                      | 1,537.5                       | 88.44                | 18.384             |          |
| 15,300.0                                                                     | 11,180.0                    | 15,605.6                    | 11,350.0                    | 43.7                | 42.7             | -96.00                      | 4,341.0                | -638.3          | 1,625.9                      | 1,536.3                       | 89.62                | 18.142             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #705H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,400.0                                                                     | 11,180.0                    | 15,705.6                    | 11,350.0                    | 44.3                | 43.3             | -96.00                      | 4,441.0                | -638.7          | 1,625.9                      | 1,535.1                       | 90.82                           | 17.903               |          |
| 15,500.0                                                                     | 11,180.0                    | 15,805.6                    | 11,350.0                    | 44.9                | 43.9             | -96.00                      | 4,541.0                | -639.1          | 1,625.9                      | 1,533.9                       | 92.02                           | 17.670               |          |
| 15,600.0                                                                     | 11,180.0                    | 15,905.6                    | 11,350.0                    | 45.5                | 44.5             | -96.00                      | 4,641.0                | -639.5          | 1,625.9                      | 1,532.7                       | 93.23                           | 17.440               |          |
| 15,700.0                                                                     | 11,180.0                    | 16,005.6                    | 11,350.0                    | 46.1                | 45.1             | -96.00                      | 4,741.0                | -639.9          | 1,625.9                      | 1,531.5                       | 94.45                           | 17.215               |          |
| 15,800.0                                                                     | 11,180.0                    | 16,105.6                    | 11,350.0                    | 46.6                | 45.8             | -96.00                      | 4,841.0                | -640.3          | 1,625.9                      | 1,530.2                       | 95.68                           | 16.994               |          |
| 15,900.0                                                                     | 11,180.0                    | 16,205.6                    | 11,350.0                    | 47.3                | 46.4             | -96.00                      | 4,941.0                | -640.7          | 1,625.9                      | 1,529.0                       | 96.91                           | 16.777               |          |
| 16,000.0                                                                     | 11,180.0                    | 16,305.6                    | 11,350.0                    | 47.9                | 47.0             | -96.00                      | 5,041.0                | -641.1          | 1,625.9                      | 1,527.8                       | 98.16                           | 16.564               |          |
| 16,100.0                                                                     | 11,180.0                    | 16,405.6                    | 11,350.0                    | 48.5                | 47.7             | -96.00                      | 5,141.0                | -641.5          | 1,625.9                      | 1,526.5                       | 99.41                           | 16.356               |          |
| 16,200.0                                                                     | 11,180.0                    | 16,505.6                    | 11,350.0                    | 49.1                | 48.3             | -96.00                      | 5,241.0                | -641.9          | 1,625.9                      | 1,525.3                       | 100.67                          | 16.151               |          |
| 16,300.0                                                                     | 11,180.0                    | 16,605.6                    | 11,350.0                    | 49.7                | 48.9             | -96.00                      | 5,341.0                | -642.3          | 1,625.9                      | 1,524.0                       | 101.94                          | 15.951               |          |
| 16,400.0                                                                     | 11,180.0                    | 16,705.6                    | 11,350.0                    | 50.3                | 49.6             | -96.00                      | 5,441.0                | -642.7          | 1,625.9                      | 1,522.7                       | 103.21                          | 15.754               |          |
| 16,500.0                                                                     | 11,180.0                    | 16,805.6                    | 11,350.0                    | 51.0                | 50.2             | -96.00                      | 5,541.0                | -643.1          | 1,625.9                      | 1,521.4                       | 104.49                          | 15.561               |          |
| 16,600.0                                                                     | 11,180.0                    | 16,905.6                    | 11,350.0                    | 51.6                | 50.9             | -96.00                      | 5,641.0                | -643.5          | 1,625.9                      | 1,520.2                       | 105.77                          | 15.372               |          |
| 16,700.0                                                                     | 11,180.0                    | 17,005.6                    | 11,350.0                    | 52.2                | 51.5             | -96.00                      | 5,741.0                | -643.9          | 1,625.9                      | 1,518.9                       | 107.06                          | 15.187               |          |
| 16,800.0                                                                     | 11,180.0                    | 17,105.6                    | 11,350.0                    | 52.9                | 52.2             | -96.00                      | 5,841.0                | -644.3          | 1,625.9                      | 1,517.6                       | 108.36                          | 15.005               |          |
| 16,900.0                                                                     | 11,180.0                    | 17,205.6                    | 11,350.0                    | 53.5                | 52.9             | -96.00                      | 5,941.0                | -644.7          | 1,625.9                      | 1,516.3                       | 109.66                          | 14.827               |          |
| 17,000.0                                                                     | 11,180.0                    | 17,305.6                    | 11,350.0                    | 54.2                | 53.5             | -96.00                      | 6,041.0                | -645.1          | 1,625.9                      | 1,515.0                       | 110.97                          | 14.652               |          |
| 17,100.0                                                                     | 11,180.0                    | 17,405.6                    | 11,350.0                    | 54.8                | 54.2             | -96.00                      | 6,141.0                | -645.5          | 1,625.9                      | 1,513.7                       | 112.28                          | 14.481               |          |
| 17,200.0                                                                     | 11,180.0                    | 17,505.6                    | 11,350.0                    | 55.5                | 54.9             | -96.00                      | 6,241.0                | -645.9          | 1,625.9                      | 1,512.3                       | 113.60                          | 14.313               |          |
| 17,300.0                                                                     | 11,180.0                    | 17,605.6                    | 11,350.0                    | 56.1                | 55.5             | -96.00                      | 6,341.0                | -646.3          | 1,625.9                      | 1,511.0                       | 114.92                          | 14.148               |          |
| 17,400.0                                                                     | 11,180.0                    | 17,705.6                    | 11,350.0                    | 56.8                | 56.2             | -96.00                      | 6,441.0                | -646.7          | 1,625.9                      | 1,509.7                       | 116.25                          | 13.986               |          |
| 17,500.0                                                                     | 11,180.0                    | 17,805.6                    | 11,350.0                    | 57.4                | 56.9             | -96.00                      | 6,540.9                | -647.1          | 1,625.9                      | 1,508.4                       | 117.58                          | 13.828               |          |
| 17,600.0                                                                     | 11,180.0                    | 17,905.6                    | 11,350.0                    | 58.1                | 57.6             | -96.00                      | 6,640.9                | -647.5          | 1,625.9                      | 1,507.0                       | 118.92                          | 13.673               |          |
| 17,700.0                                                                     | 11,180.0                    | 18,005.6                    | 11,350.0                    | 58.8                | 58.3             | -96.00                      | 6,740.9                | -647.9          | 1,625.9                      | 1,505.7                       | 120.26                          | 13.520               |          |
| 17,800.0                                                                     | 11,180.0                    | 18,105.6                    | 11,350.0                    | 59.4                | 58.9             | -96.00                      | 6,840.9                | -648.3          | 1,625.9                      | 1,504.3                       | 121.60                          | 13.371               |          |
| 17,900.0                                                                     | 11,180.0                    | 18,205.6                    | 11,350.0                    | 60.1                | 59.6             | -96.00                      | 6,940.9                | -648.7          | 1,625.9                      | 1,503.0                       | 122.95                          | 13.224               |          |
| 18,000.0                                                                     | 11,180.0                    | 18,305.6                    | 11,350.0                    | 60.8                | 60.3             | -96.00                      | 7,040.9                | -649.1          | 1,625.9                      | 1,501.6                       | 124.30                          | 13.080               |          |
| 18,100.0                                                                     | 11,180.0                    | 18,405.6                    | 11,350.0                    | 61.4                | 61.0             | -96.00                      | 7,140.9                | -649.5          | 1,625.9                      | 1,500.3                       | 125.66                          | 12.939               |          |
| 18,200.0                                                                     | 11,180.0                    | 18,505.6                    | 11,350.0                    | 62.1                | 61.7             | -96.00                      | 7,240.9                | -649.9          | 1,625.9                      | 1,498.9                       | 127.02                          | 12.801               |          |
| 18,300.0                                                                     | 11,180.0                    | 18,605.6                    | 11,350.0                    | 62.8                | 62.4             | -96.00                      | 7,340.9                | -650.3          | 1,625.9                      | 1,497.6                       | 128.38                          | 12.665               |          |
| 18,400.0                                                                     | 11,180.0                    | 18,705.6                    | 11,350.0                    | 63.5                | 63.1             | -96.00                      | 7,440.9                | -650.7          | 1,625.9                      | 1,496.2                       | 129.75                          | 12.532               |          |
| 18,500.0                                                                     | 11,180.0                    | 18,805.6                    | 11,350.0                    | 64.2                | 63.8             | -96.00                      | 7,540.9                | -651.1          | 1,625.9                      | 1,494.8                       | 131.12                          | 12.401               |          |
| 18,600.0                                                                     | 11,180.0                    | 18,905.6                    | 11,350.0                    | 64.8                | 64.5             | -96.00                      | 7,640.9                | -651.5          | 1,625.9                      | 1,493.5                       | 132.49                          | 12.272               |          |
| 18,700.0                                                                     | 11,180.0                    | 19,005.6                    | 11,350.0                    | 65.5                | 65.2             | -96.00                      | 7,740.9                | -651.9          | 1,626.0                      | 1,492.1                       | 133.87                          | 12.146               |          |
| 18,800.0                                                                     | 11,180.0                    | 19,105.6                    | 11,350.0                    | 66.2                | 65.9             | -96.00                      | 7,840.9                | -652.3          | 1,626.0                      | 1,490.7                       | 135.24                          | 12.022               |          |
| 18,900.0                                                                     | 11,180.0                    | 19,205.6                    | 11,350.0                    | 66.9                | 66.6             | -96.00                      | 7,940.9                | -652.7          | 1,626.0                      | 1,489.3                       | 136.63                          | 11.901               |          |
| 19,000.0                                                                     | 11,180.0                    | 19,305.6                    | 11,350.0                    | 67.6                | 67.3             | -96.00                      | 8,040.9                | -653.1          | 1,626.0                      | 1,487.9                       | 138.01                          | 11.781               |          |
| 19,100.0                                                                     | 11,180.0                    | 19,405.6                    | 11,350.0                    | 68.3                | 68.0             | -96.00                      | 8,140.9                | -653.5          | 1,626.0                      | 1,486.6                       | 139.40                          | 11.664               |          |
| 19,200.0                                                                     | 11,180.0                    | 19,505.6                    | 11,350.0                    | 69.0                | 68.7             | -96.00                      | 8,240.9                | -653.9          | 1,626.0                      | 1,485.2                       | 140.79                          | 11.549               |          |
| 19,300.0                                                                     | 11,180.0                    | 19,605.6                    | 11,350.0                    | 69.7                | 69.4             | -96.00                      | 8,340.9                | -654.3          | 1,626.0                      | 1,483.8                       | 142.18                          | 11.436               |          |
| 19,400.0                                                                     | 11,180.0                    | 19,705.6                    | 11,350.0                    | 70.4                | 70.1             | -96.00                      | 8,440.9                | -654.7          | 1,626.0                      | 1,482.4                       | 143.57                          | 11.325               |          |
| 19,500.0                                                                     | 11,180.0                    | 19,805.6                    | 11,350.0                    | 71.1                | 70.8             | -96.00                      | 8,540.9                | -655.1          | 1,626.0                      | 1,481.0                       | 144.97                          | 11.216               |          |
| 19,600.0                                                                     | 11,180.0                    | 19,905.6                    | 11,350.0                    | 71.8                | 71.5             | -96.00                      | 8,640.9                | -655.5          | 1,626.0                      | 1,479.6                       | 146.37                          | 11.109               |          |
| 19,700.0                                                                     | 11,180.0                    | 20,005.6                    | 11,350.0                    | 72.5                | 72.2             | -96.00                      | 8,740.9                | -655.9          | 1,626.0                      | 1,478.2                       | 147.77                          | 11.003               |          |
| 19,800.0                                                                     | 11,180.0                    | 20,105.6                    | 11,350.0                    | 73.2                | 73.0             | -96.00                      | 8,840.9                | -656.3          | 1,626.0                      | 1,476.8                       | 149.17                          | 10.900               |          |
| 19,900.0                                                                     | 11,180.0                    | 20,205.6                    | 11,350.0                    | 73.9                | 73.7             | -96.00                      | 8,940.9                | -656.7          | 1,626.0                      | 1,475.4                       | 150.58                          | 10.798               |          |
| 20,000.0                                                                     | 11,180.0                    | 20,305.6                    | 11,350.0                    | 74.6                | 74.4             | -96.00                      | 9,040.9                | -657.1          | 1,626.0                      | 1,474.0                       | 151.98                          | 10.698               |          |
| 20,100.0                                                                     | 11,180.0                    | 20,405.6                    | 11,350.0                    | 75.3                | 75.1             | -96.00                      | 9,140.9                | -657.5          | 1,626.0                      | 1,472.6                       | 153.39                          | 10.600               |          |
| 20,200.0                                                                     | 11,180.0                    | 20,505.6                    | 11,350.0                    | 76.0                | 75.8             | -96.00                      | 9,240.9                | -657.9          | 1,626.0                      | 1,471.2                       | 154.81                          | 10.503               |          |
| 20,300.0                                                                     | 11,180.0                    | 20,605.6                    | 11,350.0                    | 76.7                | 76.5             | -96.00                      | 9,340.9                | -658.3          | 1,626.0                      | 1,469.7                       | 156.22                          | 10.408               |          |
| 20,400.0                                                                     | 11,180.0                    | 20,705.6                    | 11,350.0                    | 77.4                | 77.3             | -96.00                      | 9,440.9                | -658.7          | 1,626.0                      | 1,468.3                       | 157.63                          | 10.315               |          |
| 20,500.0                                                                     | 11,180.0                    | 20,805.6                    | 11,350.0                    | 78.1                | 78.0             | -96.00                      | 9,540.9                | -659.1          | 1,626.0                      | 1,466.9                       | 159.05                          | 10.223               |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          |                           |          |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #705H - OWB - PWP0 |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                    |                                  | <b>Offset</b>                    |                                  | <b>Semi Major Axis</b>      |                          | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>Separation Factor</b> | <b>Warning</b>            |          |
| <b>Measured Depth<br/>(usft)</b>                                                    | <b>Vertical Depth<br/>(usft)</b> | <b>Measured Depth<br/>(usft)</b> | <b>Vertical Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                  | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between Centres<br/>(usft)</b> | <b>Between Ellipses<br/>(usft)</b> |                          |                           |          |
| 20,600.0                                                                            | 11,180.0                         | 20,905.6                         | 11,350.0                         | 78.8                        | 78.7                     | -96.00                           | 9,640.9                       | -659.5                  | 1,626.0                           | 1,465.5                            | 160.47                   | 10.133                    |          |
| 20,700.0                                                                            | 11,180.0                         | 21,005.6                         | 11,350.0                         | 79.6                        | 79.4                     | -96.00                           | 9,740.9                       | -659.9                  | 1,626.0                           | 1,464.1                            | 161.89                   | 10.044                    |          |
| 20,800.0                                                                            | 11,180.0                         | 21,105.6                         | 11,350.0                         | 80.3                        | 80.1                     | -96.00                           | 9,840.9                       | -660.3                  | 1,626.0                           | 1,462.7                            | 163.31                   | 9.956                     |          |
| 20,900.0                                                                            | 11,180.0                         | 21,205.6                         | 11,350.0                         | 81.0                        | 80.9                     | -96.00                           | 9,940.9                       | -660.7                  | 1,626.0                           | 1,461.2                            | 164.74                   | 9.870                     |          |
| 21,000.0                                                                            | 11,180.0                         | 21,305.6                         | 11,350.0                         | 81.7                        | 81.6                     | -96.00                           | 10,040.9                      | -661.1                  | 1,626.0                           | 1,459.8                            | 166.16                   | 9.785                     |          |
| 21,100.0                                                                            | 11,180.0                         | 21,405.6                         | 11,350.0                         | 82.4                        | 82.3                     | -96.00                           | 10,140.9                      | -661.5                  | 1,626.0                           | 1,458.4                            | 167.59                   | 9.702                     |          |
| 21,200.0                                                                            | 11,180.0                         | 21,505.6                         | 11,350.0                         | 83.1                        | 83.0                     | -96.00                           | 10,240.9                      | -661.9                  | 1,626.0                           | 1,457.0                            | 169.02                   | 9.620                     |          |
| 21,300.0                                                                            | 11,180.0                         | 21,605.6                         | 11,350.0                         | 83.9                        | 83.8                     | -96.00                           | 10,340.9                      | -662.3                  | 1,626.0                           | 1,455.5                            | 170.45                   | 9.539                     |          |
| 21,400.0                                                                            | 11,180.0                         | 21,705.6                         | 11,350.0                         | 84.6                        | 84.5                     | -96.00                           | 10,440.9                      | -662.7                  | 1,626.0                           | 1,454.1                            | 171.88                   | 9.460                     |          |
| 21,500.0                                                                            | 11,180.0                         | 21,805.6                         | 11,350.0                         | 85.3                        | 85.2                     | -96.00                           | 10,540.9                      | -663.1                  | 1,626.0                           | 1,452.7                            | 173.31                   | 9.382                     |          |
| 21,600.0                                                                            | 11,180.0                         | 21,905.6                         | 11,350.0                         | 86.0                        | 85.9                     | -96.00                           | 10,640.9                      | -663.5                  | 1,626.0                           | 1,451.2                            | 174.75                   | 9.305                     |          |
| 21,700.0                                                                            | 11,180.0                         | 22,005.6                         | 11,350.0                         | 86.7                        | 86.7                     | -96.00                           | 10,740.9                      | -663.9                  | 1,626.0                           | 1,449.8                            | 176.18                   | 9.229                     |          |
| 21,800.0                                                                            | 11,180.0                         | 22,105.6                         | 11,350.0                         | 87.5                        | 87.4                     | -96.00                           | 10,840.9                      | -664.3                  | 1,626.0                           | 1,448.4                            | 177.62                   | 9.154                     |          |
| 21,900.0                                                                            | 11,180.0                         | 22,205.6                         | 11,350.0                         | 88.2                        | 88.1                     | -96.00                           | 10,940.9                      | -664.7                  | 1,626.0                           | 1,446.9                            | 179.05                   | 9.081                     |          |
| 22,000.0                                                                            | 11,180.0                         | 22,305.6                         | 11,350.0                         | 88.9                        | 88.9                     | -96.00                           | 11,040.9                      | -665.1                  | 1,626.0                           | 1,445.5                            | 180.49                   | 9.009                     |          |
| 22,100.0                                                                            | 11,180.0                         | 22,405.6                         | 11,350.0                         | 89.6                        | 89.6                     | -96.00                           | 11,140.9                      | -665.5                  | 1,626.0                           | 1,444.0                            | 181.93                   | 8.937                     |          |
| 22,200.0                                                                            | 11,180.0                         | 22,505.6                         | 11,350.0                         | 90.4                        | 90.3                     | -96.00                           | 11,240.9                      | -665.9                  | 1,626.0                           | 1,442.6                            | 183.38                   | 8.867                     |          |
| 22,300.0                                                                            | 11,180.0                         | 22,605.6                         | 11,350.0                         | 91.1                        | 91.1                     | -96.00                           | 11,340.9                      | -666.3                  | 1,626.0                           | 1,441.2                            | 184.82                   | 8.798                     |          |
| 22,400.0                                                                            | 11,180.0                         | 22,705.6                         | 11,350.0                         | 91.8                        | 91.8                     | -96.00                           | 11,440.9                      | -666.7                  | 1,626.0                           | 1,439.7                            | 186.26                   | 8.730                     |          |
| 22,500.0                                                                            | 11,180.0                         | 22,805.6                         | 11,350.0                         | 92.5                        | 92.5                     | -96.00                           | 11,540.9                      | -667.1                  | 1,626.0                           | 1,438.3                            | 187.71                   | 8.662                     |          |
| 22,600.0                                                                            | 11,180.0                         | 22,905.6                         | 11,350.0                         | 93.3                        | 93.3                     | -96.00                           | 11,640.9                      | -667.5                  | 1,626.0                           | 1,436.8                            | 189.15                   | 8.596                     |          |
| 22,700.0                                                                            | 11,180.0                         | 23,005.6                         | 11,350.0                         | 94.0                        | 94.0                     | -96.00                           | 11,740.9                      | -667.9                  | 1,626.0                           | 1,435.4                            | 190.60                   | 8.531                     |          |
| 22,800.0                                                                            | 11,180.0                         | 23,105.6                         | 11,350.0                         | 94.7                        | 94.7                     | -96.00                           | 11,840.9                      | -668.3                  | 1,626.0                           | 1,433.9                            | 192.05                   | 8.467                     |          |
| 22,900.0                                                                            | 11,180.0                         | 23,205.6                         | 11,350.0                         | 95.4                        | 95.5                     | -96.00                           | 11,940.9                      | -668.7                  | 1,626.0                           | 1,432.5                            | 193.50                   | 8.403                     |          |
| 23,000.0                                                                            | 11,180.0                         | 23,305.6                         | 11,350.0                         | 96.2                        | 96.2                     | -96.00                           | 12,040.9                      | -669.1                  | 1,626.0                           | 1,431.0                            | 194.95                   | 8.341                     |          |
| 23,100.0                                                                            | 11,180.0                         | 23,405.6                         | 11,350.0                         | 96.9                        | 96.9                     | -96.00                           | 12,140.9                      | -669.5                  | 1,626.0                           | 1,429.6                            | 196.40                   | 8.279                     |          |
| 23,200.0                                                                            | 11,180.0                         | 23,505.6                         | 11,350.0                         | 97.6                        | 97.7                     | -96.00                           | 12,240.9                      | -669.9                  | 1,626.0                           | 1,428.1                            | 197.85                   | 8.218                     |          |
| 23,300.0                                                                            | 11,180.0                         | 23,605.6                         | 11,350.0                         | 98.4                        | 98.4                     | -96.00                           | 12,340.9                      | -670.3                  | 1,626.0                           | 1,426.7                            | 199.30                   | 8.158                     |          |
| 23,400.0                                                                            | 11,180.0                         | 23,705.6                         | 11,350.0                         | 99.1                        | 99.2                     | -96.00                           | 12,440.9                      | -670.7                  | 1,626.0                           | 1,425.2                            | 200.75                   | 8.099                     |          |
| 23,500.0                                                                            | 11,180.0                         | 23,805.6                         | 11,350.0                         | 99.8                        | 99.9                     | -96.00                           | 12,540.9                      | -671.1                  | 1,626.0                           | 1,423.8                            | 202.21                   | 8.041                     |          |
| 23,600.0                                                                            | 11,180.0                         | 23,905.6                         | 11,350.0                         | 100.6                       | 100.6                    | -96.00                           | 12,640.9                      | -671.5                  | 1,626.0                           | 1,422.3                            | 203.66                   | 7.984                     |          |
| 23,700.0                                                                            | 11,180.0                         | 24,005.6                         | 11,350.0                         | 101.3                       | 101.4                    | -96.00                           | 12,740.9                      | -671.9                  | 1,626.0                           | 1,420.9                            | 205.12                   | 7.927                     |          |
| 23,800.0                                                                            | 11,180.0                         | 24,105.6                         | 11,350.0                         | 102.0                       | 102.1                    | -96.00                           | 12,840.9                      | -672.3                  | 1,626.0                           | 1,419.4                            | 206.58                   | 7.871                     |          |
| 23,900.0                                                                            | 11,180.0                         | 24,205.6                         | 11,350.0                         | 102.8                       | 102.9                    | -96.00                           | 12,940.9                      | -672.7                  | 1,626.0                           | 1,418.0                            | 208.03                   | 7.816                     |          |
| 24,000.0                                                                            | 11,180.0                         | 24,305.6                         | 11,350.0                         | 103.5                       | 103.6                    | -96.00                           | 13,040.9                      | -673.1                  | 1,626.0                           | 1,416.5                            | 209.49                   | 7.762                     |          |
| 24,100.0                                                                            | 11,180.0                         | 24,405.6                         | 11,350.0                         | 104.2                       | 104.3                    | -96.00                           | 13,140.9                      | -673.5                  | 1,626.0                           | 1,415.0                            | 210.95                   | 7.708                     |          |
| 24,200.0                                                                            | 11,180.0                         | 24,505.6                         | 11,350.0                         | 105.0                       | 105.1                    | -96.00                           | 13,240.9                      | -673.9                  | 1,626.0                           | 1,413.6                            | 212.41                   | 7.655                     |          |
| 24,300.0                                                                            | 11,180.0                         | 24,605.6                         | 11,350.0                         | 105.7                       | 105.8                    | -96.00                           | 13,340.9                      | -674.3                  | 1,626.0                           | 1,412.1                            | 213.87                   | 7.603                     |          |
| 24,400.0                                                                            | 11,180.0                         | 24,705.6                         | 11,350.0                         | 106.5                       | 106.6                    | -96.00                           | 13,440.9                      | -674.7                  | 1,626.0                           | 1,410.7                            | 215.33                   | 7.551                     |          |
| 24,486.5                                                                            | 11,180.0                         | 24,792.1                         | 11,350.0                         | 107.1                       | 107.2                    | -96.00                           | 13,527.4                      | -675.1                  | 1,626.0                           | 1,409.4                            | 216.60                   | 7.507 SF                  |          |

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #706H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 0.0                                                                          | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 53.6                          | 6.43                 | 9.333              |          |
| 100.0                                                                        | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 53.1                          | 6.89                 | 8.705              |          |
| 200.0                                                                        | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 52.7                          | 7.33                 | 8.188              |          |
| 300.0                                                                        | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 52.3                          | 7.74                 | 7.751              |          |
| 400.0                                                                        | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 51.9                          | 8.14                 | 7.375              |          |
| 500.0                                                                        | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 51.5                          | 8.51                 | 7.048              |          |
| 600.0                                                                        | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 51.1                          | 8.88                 | 6.759              |          |
| 700.0                                                                        | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 50.8                          | 9.23                 | 6.501              |          |
| 800.0                                                                        | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 50.4                          | 9.57                 | 6.269              |          |
| 900.0                                                                        | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 50.1                          | 9.90                 | 6.059              |          |
| 1,000.0                                                                      | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 49.8                          | 10.22                | 5.868              |          |
| 1,100.0                                                                      | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 49.5                          | 10.54                | 5.693              |          |
| 1,200.0                                                                      | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 49.2                          | 10.85                | 5.531              |          |
| 1,300.0                                                                      | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 48.9                          | 11.15                | 5.382              |          |
| 1,400.0                                                                      | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 48.6                          | 11.44                | 5.243              |          |
| 1,500.0                                                                      | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 48.3                          | 11.73                | 5.113              |          |
| 1,600.0                                                                      | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 48.0                          | 12.02                | 4.992              |          |
| 1,700.0                                                                      | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 47.7                          | 12.30                | 4.878              |          |
| 1,800.0                                                                      | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 47.4                          | 12.58                | 4.771              |          |
| 1,900.0                                                                      | 1,900.0                     | 1,900.0                     | 1,900.0                     | 6.3                 | 6.3              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 47.2                          | 12.85                | 4.670              |          |
| 2,000.0                                                                      | 2,000.0                     | 2,000.0                     | 2,000.0                     | 6.4                 | 6.4              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 46.9                          | 13.12                | 4.575              |          |
| 2,100.0                                                                      | 2,100.0                     | 2,100.0                     | 2,100.0                     | 6.5                 | 6.5              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 46.6                          | 13.38                | 4.484              |          |
| 2,200.0                                                                      | 2,200.0                     | 2,200.0                     | 2,200.0                     | 6.7                 | 6.7              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 46.4                          | 13.64                | 4.399              |          |
| 2,300.0                                                                      | 2,300.0                     | 2,300.0                     | 2,300.0                     | 6.8                 | 6.8              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 46.1                          | 13.90                | 4.317              |          |
| 2,400.0                                                                      | 2,400.0                     | 2,400.0                     | 2,400.0                     | 6.9                 | 6.9              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 45.8                          | 14.15                | 4.239              |          |
| 2,500.0                                                                      | 2,500.0                     | 2,500.0                     | 2,500.0                     | 7.0                 | 7.0              | -90.00                      | 0.0                    | -60.0           | 60.0                         | 45.6                          | 14.41                | 4.165 CC, ES, SF   |          |
| 2,600.0                                                                      | 2,600.0                     | 2,600.0                     | 2,600.0                     | 7.2                 | 7.2              | -150.60                     | 0.0                    | -60.0           | 61.1                         | 46.5                          | 14.67                | 4.167              |          |
| 2,700.0                                                                      | 2,699.9                     | 2,699.9                     | 2,699.9                     | 7.3                 | 7.3              | -152.29                     | 0.0                    | -60.0           | 64.6                         | 49.6                          | 14.94                | 4.324              |          |
| 2,800.0                                                                      | 2,799.7                     | 2,799.7                     | 2,799.7                     | 7.5                 | 7.4              | -154.73                     | 0.0                    | -60.0           | 70.4                         | 55.2                          | 15.22                | 4.629              |          |
| 2,900.0                                                                      | 2,899.3                     | 2,899.3                     | 2,899.3                     | 7.7                 | 7.5              | -157.52                     | 0.0                    | -60.0           | 78.8                         | 63.3                          | 15.52                | 5.080              |          |
| 3,000.0                                                                      | 2,998.6                     | 2,998.6                     | 2,998.6                     | 7.9                 | 7.7              | -160.33                     | 0.0                    | -60.0           | 89.8                         | 74.0                          | 15.83                | 5.672              |          |
| 3,100.0                                                                      | 3,097.6                     | 3,097.6                     | 3,097.6                     | 8.1                 | 7.8              | -162.89                     | 0.0                    | -60.0           | 102.9                        | 86.8                          | 16.10                | 6.389              |          |
| 3,200.0                                                                      | 3,196.6                     | 3,196.6                     | 3,196.6                     | 8.3                 | 7.9              | -164.91                     | 0.0                    | -60.0           | 116.3                        | 99.8                          | 16.44                | 7.074              |          |
| 3,300.0                                                                      | 3,295.7                     | 3,295.7                     | 3,295.7                     | 8.5                 | 8.0              | -168.64                     | 0.0                    | -60.0           | 129.8                        | 113.0                         | 16.76                | 7.746              |          |
| 3,400.0                                                                      | 3,394.5                     | 3,394.5                     | 3,394.5                     | 8.8                 | 8.1              | 179.54                      | 0.0                    | -60.0           | 144.8                        | 127.6                         | 17.15                | 8.444              |          |
| 3,500.0                                                                      | 3,493.0                     | 3,493.0                     | 3,493.0                     | 9.0                 | 8.2              | 171.35                      | 0.0                    | -60.0           | 161.9                        | 144.3                         | 17.54                | 9.231              |          |
| 3,600.0                                                                      | 3,591.1                     | 3,591.1                     | 3,591.1                     | 9.3                 | 8.4              | 166.37                      | 0.0                    | -60.0           | 181.1                        | 163.2                         | 17.93                | 10.104             |          |
| 3,700.0                                                                      | 3,688.9                     | 3,688.9                     | 3,688.9                     | 9.7                 | 8.5              | 167.76                      | 0.0                    | -60.0           | 201.4                        | 183.0                         | 18.39                | 10.951             |          |
| 3,800.0                                                                      | 3,786.7                     | 3,786.7                     | 3,786.7                     | 9.9                 | 8.6              | 168.90                      | 0.0                    | -60.0           | 221.8                        | 203.0                         | 18.81                | 11.795             |          |
| 3,900.0                                                                      | 3,884.5                     | 3,884.5                     | 3,884.5                     | 10.3                | 8.7              | 169.84                      | 0.0                    | -60.0           | 242.3                        | 223.0                         | 19.23                | 12.597             |          |
| 4,000.0                                                                      | 3,982.3                     | 3,982.3                     | 3,982.3                     | 10.6                | 8.8              | 170.64                      | 0.0                    | -60.0           | 262.8                        | 243.1                         | 19.67                | 13.357             |          |
| 4,100.0                                                                      | 4,080.2                     | 4,080.2                     | 4,080.2                     | 10.9                | 8.9              | 171.33                      | 0.0                    | -60.0           | 283.3                        | 263.2                         | 20.13                | 14.076             |          |
| 4,200.0                                                                      | 4,178.0                     | 4,178.0                     | 4,178.0                     | 11.2                | 9.0              | 171.92                      | 0.0                    | -60.0           | 303.9                        | 283.3                         | 20.59                | 14.757             |          |
| 4,300.0                                                                      | 4,275.8                     | 4,275.8                     | 4,275.8                     | 11.6                | 9.1              | 172.43                      | 0.0                    | -60.0           | 324.5                        | 303.4                         | 21.07                | 15.400             |          |
| 4,400.0                                                                      | 4,373.6                     | 4,373.6                     | 4,373.6                     | 12.0                | 9.2              | 172.89                      | 0.0                    | -60.0           | 345.1                        | 323.6                         | 21.56                | 16.008             |          |
| 4,500.0                                                                      | 4,471.4                     | 4,471.4                     | 4,471.4                     | 12.3                | 9.4              | 173.29                      | 0.0                    | -60.0           | 365.8                        | 343.7                         | 22.06                | 16.582             |          |
| 4,600.0                                                                      | 4,569.2                     | 4,569.2                     | 4,569.2                     | 12.7                | 9.5              | 173.65                      | 0.0                    | -60.0           | 386.4                        | 363.9                         | 22.56                | 17.125             |          |
| 4,700.0                                                                      | 4,667.0                     | 4,667.0                     | 4,667.0                     | 13.1                | 9.6              | 173.97                      | 0.0                    | -60.0           | 407.1                        | 384.0                         | 23.08                | 17.638             |          |
| 4,800.0                                                                      | 4,764.9                     | 4,764.9                     | 4,764.9                     | 13.5                | 9.7              | 174.27                      | 0.0                    | -60.0           | 427.8                        | 404.2                         | 23.61                | 18.122             |          |
| 4,900.0                                                                      | 4,862.7                     | 4,862.7                     | 4,862.7                     | 13.9                | 9.8              | 174.53                      | 0.0                    | -60.0           | 448.5                        | 424.3                         | 24.14                | 18.580             |          |
| 5,000.0                                                                      | 4,960.5                     | 4,960.5                     | 4,960.5                     | 14.3                | 9.9              | 174.77                      | 0.0                    | -60.0           | 469.2                        | 444.5                         | 24.68                | 19.013             |          |
| 5,100.0                                                                      | 5,058.3                     | 5,058.3                     | 5,058.3                     | 14.7                | 10.0             | 175.00                      | 0.0                    | -60.0           | 489.9                        | 464.7                         | 25.22                | 19.423             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #706H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 5,200.0                                                                      | 5,156.1                     | 5,156.1                     | 5,156.1                     | 15.1                | 10.1             | 175.20                      | 0.0                    | -60.0           | 510.6                        | 484.8                         | 25.77                | 19.811             |          |
| 5,300.0                                                                      | 5,253.9                     | 5,253.9                     | 5,253.9                     | 15.5                | 10.2             | 175.39                      | 0.0                    | -60.0           | 531.3                        | 505.0                         | 26.33                | 20.178             |          |
| 5,400.0                                                                      | 5,351.8                     | 5,351.8                     | 5,351.8                     | 15.9                | 10.3             | 175.56                      | 0.0                    | -60.0           | 552.1                        | 525.2                         | 26.90                | 20.527             |          |
| 5,500.0                                                                      | 5,449.6                     | 5,449.6                     | 5,449.6                     | 16.3                | 10.4             | 175.72                      | 0.0                    | -60.0           | 572.8                        | 545.3                         | 27.46                | 20.857             |          |
| 5,600.0                                                                      | 5,547.4                     | 5,547.4                     | 5,547.4                     | 16.7                | 10.5             | 175.87                      | 0.0                    | -60.0           | 593.5                        | 565.5                         | 28.04                | 21.170             |          |
| 5,700.0                                                                      | 5,645.2                     | 5,645.2                     | 5,645.2                     | 17.2                | 10.6             | 176.01                      | 0.0                    | -60.0           | 614.3                        | 585.7                         | 28.61                | 21.468             |          |
| 5,800.0                                                                      | 5,743.0                     | 5,743.0                     | 5,743.0                     | 17.6                | 10.7             | 176.14                      | 0.0                    | -60.0           | 635.0                        | 605.8                         | 29.20                | 21.751             |          |
| 5,900.0                                                                      | 5,840.8                     | 5,840.8                     | 5,840.8                     | 18.0                | 10.8             | 176.26                      | 0.0                    | -60.0           | 655.8                        | 626.0                         | 29.78                | 22.020             |          |
| 6,000.0                                                                      | 5,938.6                     | 5,938.6                     | 5,938.6                     | 18.4                | 10.9             | 176.38                      | 0.0                    | -60.0           | 676.5                        | 646.2                         | 30.37                | 22.276             |          |
| 6,100.0                                                                      | 6,036.5                     | 6,036.5                     | 6,036.5                     | 18.9                | 11.0             | 176.49                      | 0.0                    | -60.0           | 697.3                        | 666.3                         | 30.96                | 22.520             |          |
| 6,200.0                                                                      | 6,134.3                     | 6,134.3                     | 6,134.3                     | 19.3                | 11.1             | 176.59                      | 0.0                    | -60.0           | 718.0                        | 686.5                         | 31.56                | 22.752             |          |
| 6,300.0                                                                      | 6,232.1                     | 6,232.1                     | 6,232.1                     | 19.7                | 11.2             | 176.68                      | 0.0                    | -60.0           | 738.8                        | 706.6                         | 32.16                | 22.973             |          |
| 6,400.0                                                                      | 6,329.9                     | 6,329.9                     | 6,329.9                     | 20.2                | 11.3             | 176.77                      | 0.0                    | -60.0           | 759.5                        | 726.8                         | 32.76                | 23.184             |          |
| 6,500.0                                                                      | 6,427.7                     | 6,427.7                     | 6,427.7                     | 20.6                | 11.4             | 176.86                      | 0.0                    | -60.0           | 780.3                        | 746.9                         | 33.37                | 23.386             |          |
| 6,600.0                                                                      | 6,525.5                     | 6,525.5                     | 6,525.5                     | 21.1                | 11.5             | 176.94                      | 0.0                    | -60.0           | 801.1                        | 767.1                         | 33.97                | 23.579             |          |
| 6,700.0                                                                      | 6,623.3                     | 6,623.3                     | 6,623.3                     | 21.5                | 11.6             | 177.02                      | 0.0                    | -60.0           | 821.8                        | 787.3                         | 34.58                | 23.763             |          |
| 6,800.0                                                                      | 6,721.2                     | 6,721.2                     | 6,721.2                     | 22.0                | 11.7             | 177.09                      | 0.0                    | -60.0           | 842.6                        | 807.4                         | 35.20                | 23.940             |          |
| 6,900.0                                                                      | 6,819.0                     | 6,819.0                     | 6,819.0                     | 22.4                | 11.8             | 177.16                      | 0.0                    | -60.0           | 863.4                        | 827.6                         | 35.81                | 24.108             |          |
| 7,000.0                                                                      | 6,916.8                     | 6,916.8                     | 6,916.8                     | 22.9                | 11.9             | 177.23                      | 0.0                    | -60.0           | 884.1                        | 847.7                         | 36.43                | 24.270             |          |
| 7,100.0                                                                      | 7,014.6                     | 7,014.6                     | 7,014.6                     | 23.3                | 12.0             | 177.29                      | 0.0                    | -60.0           | 904.9                        | 867.9                         | 37.05                | 24.425             |          |
| 7,200.0                                                                      | 7,112.4                     | 7,112.4                     | 7,112.4                     | 23.8                | 12.1             | 177.35                      | 0.0                    | -60.0           | 925.7                        | 888.0                         | 37.67                | 24.574             |          |
| 7,300.0                                                                      | 7,210.3                     | 7,210.3                     | 7,210.3                     | 24.2                | 12.2             | 177.42                      | 0.0                    | -60.0           | 946.1                        | 907.8                         | 38.27                | 24.722             |          |
| 7,400.0                                                                      | 7,308.5                     | 7,308.5                     | 7,308.5                     | 24.6                | 12.3             | 177.48                      | 0.0                    | -60.0           | 965.0                        | 926.1                         | 38.88                | 24.817             |          |
| 7,500.0                                                                      | 7,407.0                     | 7,407.0                     | 7,407.0                     | 25.1                | 12.4             | 177.53                      | 0.0                    | -60.0           | 982.1                        | 942.6                         | 39.49                | 24.871             |          |
| 7,600.0                                                                      | 7,505.8                     | 7,505.8                     | 7,505.8                     | 25.5                | 12.5             | 177.57                      | 0.0                    | -60.0           | 997.6                        | 957.5                         | 40.08                | 24.888             |          |
| 7,700.0                                                                      | 7,604.9                     | 7,604.9                     | 7,604.9                     | 25.9                | 12.6             | 177.61                      | 0.0                    | -60.0           | 1,011.3                      | 970.6                         | 40.66                | 24.869             |          |
| 7,800.0                                                                      | 7,704.1                     | 7,704.1                     | 7,704.1                     | 26.3                | 12.7             | 177.64                      | 0.0                    | -60.0           | 1,023.2                      | 982.0                         | 41.23                | 24.817             |          |
| 7,900.0                                                                      | 7,803.6                     | 7,803.6                     | 7,803.6                     | 26.7                | 12.8             | 177.67                      | 0.0                    | -60.0           | 1,033.5                      | 991.7                         | 41.78                | 24.736             |          |
| 8,000.0                                                                      | 7,903.3                     | 7,903.3                     | 7,903.3                     | 27.1                | 12.9             | 177.69                      | 0.0                    | -60.0           | 1,042.0                      | 999.7                         | 42.31                | 24.626             |          |
| 8,100.0                                                                      | 8,003.0                     | 8,003.0                     | 8,003.0                     | 27.4                | 13.0             | 177.71                      | 0.0                    | -60.0           | 1,048.8                      | 1,005.9                       | 42.82                | 24.493             |          |
| 8,200.0                                                                      | 8,102.9                     | 8,102.9                     | 8,102.9                     | 27.8                | 13.1             | 177.72                      | 0.0                    | -60.0           | 1,053.8                      | 1,010.5                       | 43.30                | 24.339             |          |
| 8,300.0                                                                      | 8,202.8                     | 8,202.8                     | 8,202.8                     | 28.1                | 13.2             | 177.73                      | 0.0                    | -60.0           | 1,057.1                      | 1,013.3                       | 43.74                | 24.169             |          |
| 8,400.0                                                                      | 8,302.8                     | 8,302.8                     | 8,302.8                     | 28.3                | 13.3             | 177.74                      | 0.0                    | -60.0           | 1,058.6                      | 1,014.5                       | 44.11                | 24.000             |          |
| 8,500.0                                                                      | 8,402.8                     | 8,402.8                     | 8,402.8                     | 28.4                | 13.4             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.5                       | 44.23                | 23.935             |          |
| 8,600.0                                                                      | 8,502.8                     | 8,502.8                     | 8,502.8                     | 28.4                | 13.5             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.4                       | 44.33                | 23.881             |          |
| 8,700.0                                                                      | 8,602.8                     | 8,602.8                     | 8,602.8                     | 28.4                | 13.6             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.3                       | 44.43                | 23.828             |          |
| 8,800.0                                                                      | 8,702.8                     | 8,702.8                     | 8,702.8                     | 28.5                | 13.6             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.2                       | 44.53                | 23.774             |          |
| 8,900.0                                                                      | 8,802.8                     | 8,802.8                     | 8,802.8                     | 28.5                | 13.7             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.1                       | 44.63                | 23.721             |          |
| 9,000.0                                                                      | 8,902.8                     | 8,902.8                     | 8,902.8                     | 28.5                | 13.8             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,014.0                       | 44.74                | 23.667             |          |
| 9,100.0                                                                      | 9,002.8                     | 9,002.8                     | 9,002.8                     | 28.6                | 13.9             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.9                       | 44.84                | 23.614             |          |
| 9,200.0                                                                      | 9,102.8                     | 9,102.8                     | 9,102.8                     | 28.6                | 14.0             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.8                       | 44.94                | 23.560             |          |
| 9,300.0                                                                      | 9,202.8                     | 9,202.8                     | 9,202.8                     | 28.6                | 14.1             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.7                       | 45.04                | 23.507             |          |
| 9,400.0                                                                      | 9,302.8                     | 9,302.8                     | 9,302.8                     | 28.7                | 14.2             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.6                       | 45.14                | 23.454             |          |
| 9,500.0                                                                      | 9,402.8                     | 9,402.8                     | 9,402.8                     | 28.7                | 14.3             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.5                       | 45.24                | 23.400             |          |
| 9,600.0                                                                      | 9,502.8                     | 9,502.8                     | 9,502.8                     | 28.7                | 14.4             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.4                       | 45.35                | 23.347             |          |
| 9,700.0                                                                      | 9,602.8                     | 9,602.8                     | 9,602.8                     | 28.8                | 14.5             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.3                       | 45.45                | 23.294             |          |
| 9,800.0                                                                      | 9,702.8                     | 9,702.8                     | 9,702.8                     | 28.8                | 14.6             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.2                       | 45.55                | 23.241             |          |
| 9,900.0                                                                      | 9,802.8                     | 9,802.8                     | 9,802.8                     | 28.9                | 14.7             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.1                       | 45.66                | 23.188             |          |
| 10,000.0                                                                     | 9,902.8                     | 9,902.8                     | 9,902.8                     | 28.9                | 14.8             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,013.0                       | 45.76                | 23.135             |          |
| 10,100.0                                                                     | 10,002.8                    | 10,002.8                    | 10,002.8                    | 28.9                | 14.9             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,012.9                       | 45.87                | 23.083             |          |
| 10,200.0                                                                     | 10,102.8                    | 10,102.8                    | 10,102.8                    | 29.0                | 15.0             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,012.8                       | 45.97                | 23.030             |          |
| 10,300.0                                                                     | 10,202.8                    | 10,202.8                    | 10,202.8                    | 29.0                | 15.1             | -94.26                      | 0.0                    | -60.0           | 1,058.7                      | 1,012.7                       | 46.08                | 22.977             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   |                    |          |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|-------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #706H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Distance               |                         | Separation Factor | Warning            |          |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                   |                    |          |
| 10,400.0                                                                     | 10,302.8              | 10,302.8              | 10,302.8              | 29.0             | 15.2          | -94.26                | 0.0                    | -60.0        | 1,058.7                | 1,012.6                 | 46.18             | 22.925             |          |
| 10,500.0                                                                     | 10,402.8              | 10,402.8              | 10,402.8              | 29.1             | 15.3          | -94.26                | 0.0                    | -60.0        | 1,058.7                | 1,012.5                 | 46.29             | 22.872             |          |
| 10,600.0                                                                     | 10,502.8              | 10,502.8              | 10,502.8              | 29.1             | 15.3          | -94.26                | 0.0                    | -60.0        | 1,058.7                | 1,012.3                 | 46.40             | 22.820             |          |
| 10,700.0                                                                     | 10,602.8              | 10,602.8              | 10,602.8              | 29.1             | 15.4          | -94.26                | 0.0                    | -60.0        | 1,058.7                | 1,012.2                 | 46.51             | 22.765             |          |
| 10,800.0                                                                     | 10,702.4              | 10,728.7              | 10,727.8              | 29.2             | 15.7          | -93.95                | 12.9                   | -59.5        | 1,058.1                | 1,011.4                 | 46.69             | 22.661             |          |
| 10,900.0                                                                     | 10,799.0              | 10,854.3              | 10,846.7              | 29.3             | 15.9          | -93.69                | 52.5                   | -57.8        | 1,056.2                | 1,009.4                 | 46.84             | 22.548             |          |
| 11,000.0                                                                     | 10,889.9              | 10,976.9              | 10,951.7              | 29.4             | 16.2          | -93.27                | 115.2                  | -55.2        | 1,053.2                | 1,006.3                 | 46.93             | 22.443             |          |
| 11,100.0                                                                     | 10,972.1              | 11,095.6              | 11,038.5              | 29.5             | 16.4          | -92.74                | 195.9                  | -51.8        | 1,049.3                | 1,002.3                 | 46.95             | 22.349             |          |
| 11,200.0                                                                     | 11,043.2              | 11,210.0              | 11,104.7              | 29.6             | 16.6          | -92.11                | 288.8                  | -47.9        | 1,044.8                | 997.8                   | 46.93             | 22.264             |          |
| 11,300.0                                                                     | 11,101.1              | 11,319.7              | 11,149.6              | 29.7             | 16.7          | -91.44                | 388.6                  | -43.7        | 1,039.9                | 993.0                   | 46.89             | 22.179             |          |
| 11,400.0                                                                     | 11,144.0              | 11,424.9              | 11,174.1              | 29.7             | 16.8          | -90.73                | 490.8                  | -39.4        | 1,034.9                | 988.1                   | 46.86             | 22.084             |          |
| 11,500.0                                                                     | 11,170.5              | 11,520.8              | 11,180.0              | 29.8             | 16.8          | -90.09                | 586.2                  | -35.5        | 1,030.2                | 983.2                   | 46.92             | 21.957             |          |
| 11,600.0                                                                     | 11,179.9              | 11,600.0              | 11,180.0              | 29.9             | 16.9          | -89.99                | 665.4                  | -33.6        | 1,027.3                | 980.1                   | 47.19             | 21.772             |          |
| 11,662.1                                                                     | 11,180.3              | 11,640.1              | 11,180.0              | 30.0             | 16.9          | -89.98                | 705.5                  | -33.5        | 1,026.8                | 979.4                   | 47.44             | 21.645             |          |
| 11,700.0                                                                     | 11,180.0              | 11,678.0              | 11,180.0              | 30.0             | 16.9          | -90.00                | 743.4                  | -33.7        | 1,026.8                | 979.3                   | 47.54             | 21.597             |          |
| 11,800.0                                                                     | 11,180.0              | 11,778.0              | 11,180.0              | 30.1             | 16.9          | -90.00                | 843.4                  | -34.1        | 1,026.8                | 979.0                   | 47.86             | 21.453             |          |
| 11,900.0                                                                     | 11,180.0              | 11,878.0              | 11,180.0              | 30.2             | 16.9          | -90.00                | 943.4                  | -34.5        | 1,026.8                | 978.6                   | 48.23             | 21.290             |          |
| 12,000.0                                                                     | 11,180.0              | 11,978.0              | 11,180.0              | 30.4             | 17.0          | -90.00                | 1,043.4                | -34.9        | 1,026.8                | 978.2                   | 48.64             | 21.110             |          |
| 12,100.0                                                                     | 11,180.0              | 12,078.0              | 11,180.0              | 30.6             | 17.3          | -90.00                | 1,143.4                | -35.2        | 1,026.8                | 977.7                   | 49.09             | 20.915             |          |
| 12,200.0                                                                     | 11,180.0              | 12,178.0              | 11,180.0              | 30.7             | 17.7          | -90.00                | 1,243.4                | -35.6        | 1,026.8                | 977.2                   | 49.59             | 20.705             |          |
| 12,300.0                                                                     | 11,180.0              | 12,278.0              | 11,180.0              | 30.9             | 18.0          | -90.00                | 1,343.4                | -36.0        | 1,026.8                | 976.7                   | 50.13             | 20.483             |          |
| 12,400.0                                                                     | 11,180.0              | 12,378.0              | 11,180.0              | 31.2             | 18.4          | -90.00                | 1,443.4                | -36.4        | 1,026.8                | 976.1                   | 50.71             | 20.250             |          |
| 12,500.0                                                                     | 11,180.0              | 12,478.0              | 11,180.0              | 31.4             | 18.8          | -90.00                | 1,543.4                | -36.8        | 1,026.8                | 975.4                   | 51.32             | 20.007             |          |
| 12,600.0                                                                     | 11,180.0              | 12,578.0              | 11,180.0              | 31.7             | 19.3          | -90.00                | 1,643.4                | -37.2        | 1,026.8                | 974.8                   | 51.97             | 19.756             |          |
| 12,700.0                                                                     | 11,180.0              | 12,678.0              | 11,180.0              | 31.9             | 19.7          | -90.00                | 1,743.4                | -37.6        | 1,026.8                | 974.1                   | 52.66             | 19.497             |          |
| 12,800.0                                                                     | 11,180.0              | 12,778.0              | 11,180.0              | 32.2             | 20.2          | -90.00                | 1,843.4                | -38.0        | 1,026.8                | 973.4                   | 53.38             | 19.233             |          |
| 12,900.0                                                                     | 11,180.0              | 12,878.0              | 11,180.0              | 32.6             | 20.7          | -90.00                | 1,943.4                | -38.4        | 1,026.7                | 972.6                   | 54.14             | 18.965             |          |
| 13,000.0                                                                     | 11,180.0              | 12,978.0              | 11,180.0              | 32.9             | 21.2          | -90.00                | 2,043.4                | -38.8        | 1,026.7                | 971.8                   | 54.93             | 18.693             |          |
| 13,100.0                                                                     | 11,180.0              | 13,078.0              | 11,180.0              | 33.2             | 21.7          | -90.00                | 2,143.4                | -39.2        | 1,026.7                | 971.0                   | 55.74             | 18.418             |          |
| 13,200.0                                                                     | 11,180.0              | 13,178.0              | 11,180.0              | 33.6             | 22.3          | -90.00                | 2,243.4                | -39.6        | 1,026.7                | 970.1                   | 56.59             | 18.143             |          |
| 13,300.0                                                                     | 11,180.0              | 13,278.0              | 11,180.0              | 33.9             | 22.8          | -90.00                | 2,343.4                | -40.0        | 1,026.7                | 969.3                   | 57.46             | 17.867             |          |
| 13,400.0                                                                     | 11,180.0              | 13,378.0              | 11,180.0              | 34.3             | 23.4          | -90.00                | 2,443.4                | -40.4        | 1,026.7                | 968.3                   | 58.36             | 17.591             |          |
| 13,500.0                                                                     | 11,180.0              | 13,478.0              | 11,180.0              | 34.7             | 24.0          | -90.00                | 2,543.4                | -40.8        | 1,026.7                | 967.4                   | 59.29             | 17.317             |          |
| 13,600.0                                                                     | 11,180.0              | 13,578.0              | 11,180.0              | 35.1             | 24.5          | -90.00                | 2,643.4                | -41.1        | 1,026.7                | 966.5                   | 60.24             | 17.044             |          |
| 13,700.0                                                                     | 11,180.0              | 13,678.0              | 11,180.0              | 35.6             | 25.1          | -90.00                | 2,743.4                | -41.5        | 1,026.7                | 965.5                   | 61.21             | 16.773             |          |
| 13,800.0                                                                     | 11,180.0              | 13,778.0              | 11,180.0              | 36.0             | 25.7          | -90.00                | 2,843.4                | -41.9        | 1,026.7                | 964.5                   | 62.20             | 16.505             |          |
| 13,900.0                                                                     | 11,180.0              | 13,878.0              | 11,180.0              | 36.5             | 26.3          | -90.00                | 2,943.4                | -42.3        | 1,026.7                | 963.5                   | 63.22             | 16.240             |          |
| 14,000.0                                                                     | 11,180.0              | 13,978.0              | 11,180.0              | 36.9             | 27.0          | -90.00                | 3,043.4                | -42.7        | 1,026.7                | 962.4                   | 64.25             | 15.979             |          |
| 14,100.0                                                                     | 11,180.0              | 14,078.0              | 11,180.0              | 37.4             | 27.6          | -90.00                | 3,143.4                | -43.1        | 1,026.7                | 961.4                   | 65.30             | 15.721             |          |
| 14,200.0                                                                     | 11,180.0              | 14,178.0              | 11,180.0              | 37.9             | 28.2          | -90.00                | 3,243.4                | -43.5        | 1,026.7                | 960.3                   | 66.38             | 15.467             |          |
| 14,300.0                                                                     | 11,180.0              | 14,278.0              | 11,180.0              | 38.4             | 28.9          | -90.00                | 3,343.4                | -43.9        | 1,026.7                | 959.2                   | 67.46             | 15.218             |          |
| 14,400.0                                                                     | 11,180.0              | 14,378.0              | 11,180.0              | 38.9             | 29.5          | -90.00                | 3,443.4                | -44.3        | 1,026.6                | 958.1                   | 68.57             | 14.973             |          |
| 14,500.0                                                                     | 11,180.0              | 14,478.0              | 11,180.0              | 39.4             | 30.2          | -90.00                | 3,543.4                | -44.7        | 1,026.6                | 957.0                   | 69.69             | 14.732             |          |
| 14,600.0                                                                     | 11,180.0              | 14,578.0              | 11,180.0              | 39.9             | 30.8          | -90.00                | 3,643.4                | -45.1        | 1,026.6                | 955.8                   | 70.82             | 14.496             |          |
| 14,700.0                                                                     | 11,180.0              | 14,678.0              | 11,180.0              | 40.4             | 31.5          | -90.00                | 3,743.4                | -45.5        | 1,026.6                | 954.7                   | 71.97             | 14.265             |          |
| 14,800.0                                                                     | 11,180.0              | 14,778.0              | 11,180.0              | 40.9             | 32.2          | -90.00                | 3,843.4                | -45.9        | 1,026.6                | 953.5                   | 73.13             | 14.038             |          |
| 14,900.0                                                                     | 11,180.0              | 14,878.0              | 11,180.0              | 41.5             | 32.8          | -90.00                | 3,943.4                | -46.3        | 1,026.6                | 952.3                   | 74.30             | 13.817             |          |
| 15,000.0                                                                     | 11,180.0              | 14,978.0              | 11,180.0              | 42.0             | 33.5          | -90.00                | 4,043.4                | -46.7        | 1,026.6                | 951.1                   | 75.49             | 13.599             |          |
| 15,100.0                                                                     | 11,180.0              | 15,078.0              | 11,180.0              | 42.6             | 34.2          | -90.00                | 4,143.4                | -47.1        | 1,026.6                | 949.9                   | 76.69             | 13.387             |          |
| 15,200.0                                                                     | 11,180.0              | 15,178.0              | 11,180.0              | 43.2             | 34.9          | -90.00                | 4,243.4                | -47.4        | 1,026.6                | 948.7                   | 77.90             | 13.179             |          |
| 15,300.0                                                                     | 11,180.0              | 15,278.0              | 11,180.0              | 43.7             | 35.5          | -90.00                | 4,343.4                | -47.8        | 1,026.6                | 947.5                   | 79.11             | 12.976             |          |
| 15,400.0                                                                     | 11,180.0              | 15,378.0              | 11,180.0              | 44.3             | 36.2          | -90.00                | 4,443.4                | -48.2        | 1,026.6                | 946.2                   | 80.34             | 12.777             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #706H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,500.0                                                                     | 11,180.0                    | 15,478.0                    | 11,180.0                    | 44.9                | 36.9             | -90.00                      | 4,543.4                | -48.6           | 1,026.6                      | 945.0                         | 81.58                           | 12.583               |          |
| 15,600.0                                                                     | 11,180.0                    | 15,578.0                    | 11,180.0                    | 45.5                | 37.6             | -90.00                      | 4,643.4                | -49.0           | 1,026.6                      | 943.7                         | 82.83                           | 12.394               |          |
| 15,700.0                                                                     | 11,180.0                    | 15,678.0                    | 11,180.0                    | 46.1                | 38.3             | -90.00                      | 4,743.4                | -49.4           | 1,026.6                      | 942.5                         | 84.09                           | 12.208               |          |
| 15,800.0                                                                     | 11,180.0                    | 15,778.0                    | 11,180.0                    | 46.6                | 39.0             | -90.00                      | 4,843.4                | -49.8           | 1,026.6                      | 941.2                         | 85.35                           | 12.027               |          |
| 15,900.0                                                                     | 11,180.0                    | 15,878.0                    | 11,180.0                    | 47.3                | 39.7             | -90.00                      | 4,943.4                | -50.2           | 1,026.6                      | 939.9                         | 86.62                           | 11.851               |          |
| 16,000.0                                                                     | 11,180.0                    | 15,978.0                    | 11,180.0                    | 47.9                | 40.4             | -90.00                      | 5,043.4                | -50.6           | 1,026.5                      | 938.6                         | 87.90                           | 11.678               |          |
| 16,100.0                                                                     | 11,180.0                    | 16,078.0                    | 11,180.0                    | 48.5                | 41.1             | -90.00                      | 5,143.4                | -51.0           | 1,026.5                      | 937.3                         | 89.19                           | 11.509               |          |
| 16,200.0                                                                     | 11,180.0                    | 16,178.0                    | 11,180.0                    | 49.1                | 41.8             | -90.00                      | 5,243.4                | -51.4           | 1,026.5                      | 936.0                         | 90.49                           | 11.345               |          |
| 16,300.0                                                                     | 11,180.0                    | 16,278.0                    | 11,180.0                    | 49.7                | 42.6             | -90.00                      | 5,343.4                | -51.8           | 1,026.5                      | 934.7                         | 91.79                           | 11.184               |          |
| 16,400.0                                                                     | 11,180.0                    | 16,378.0                    | 11,180.0                    | 50.3                | 43.3             | -90.00                      | 5,443.4                | -52.2           | 1,026.5                      | 933.4                         | 93.10                           | 11.026               |          |
| 16,500.0                                                                     | 11,180.0                    | 16,478.0                    | 11,180.0                    | 51.0                | 44.0             | -90.00                      | 5,543.4                | -52.6           | 1,026.5                      | 932.1                         | 94.41                           | 10.873               |          |
| 16,600.0                                                                     | 11,180.0                    | 16,578.0                    | 11,180.0                    | 51.6                | 44.7             | -90.00                      | 5,643.4                | -53.0           | 1,026.5                      | 930.8                         | 95.73                           | 10.723               |          |
| 16,700.0                                                                     | 11,180.0                    | 16,678.0                    | 11,180.0                    | 52.2                | 45.4             | -90.00                      | 5,743.4                | -53.3           | 1,026.5                      | 929.4                         | 97.05                           | 10.577               |          |
| 16,800.0                                                                     | 11,180.0                    | 16,778.0                    | 11,180.0                    | 52.9                | 46.1             | -90.00                      | 5,843.4                | -53.7           | 1,026.5                      | 928.1                         | 98.39                           | 10.433               |          |
| 16,900.0                                                                     | 11,180.0                    | 16,878.0                    | 11,180.0                    | 53.5                | 46.9             | -90.00                      | 5,943.4                | -54.1           | 1,026.5                      | 926.8                         | 99.72                           | 10.294               |          |
| 17,000.0                                                                     | 11,180.0                    | 16,978.0                    | 11,180.0                    | 54.2                | 47.6             | -90.00                      | 6,043.4                | -54.5           | 1,026.5                      | 925.4                         | 101.06                          | 10.157               |          |
| 17,100.0                                                                     | 11,180.0                    | 17,078.0                    | 11,180.0                    | 54.8                | 48.3             | -90.00                      | 6,143.4                | -54.9           | 1,026.5                      | 924.1                         | 102.41                          | 10.023               |          |
| 17,200.0                                                                     | 11,180.0                    | 17,178.0                    | 11,180.0                    | 55.5                | 49.0             | -90.00                      | 6,243.4                | -55.3           | 1,026.5                      | 922.7                         | 103.76                          | 9.893                |          |
| 17,300.0                                                                     | 11,180.0                    | 17,278.0                    | 11,180.0                    | 56.1                | 49.8             | -90.00                      | 6,343.4                | -55.7           | 1,026.5                      | 921.3                         | 105.11                          | 9.765                |          |
| 17,400.0                                                                     | 11,180.0                    | 17,378.0                    | 11,180.0                    | 56.8                | 50.5             | -90.00                      | 6,443.4                | -56.1           | 1,026.5                      | 920.0                         | 106.47                          | 9.641                |          |
| 17,500.0                                                                     | 11,180.0                    | 17,478.0                    | 11,180.0                    | 57.4                | 51.2             | -90.00                      | 6,543.4                | -56.5           | 1,026.4                      | 918.6                         | 107.83                          | 9.519                |          |
| 17,600.0                                                                     | 11,180.0                    | 17,578.0                    | 11,180.0                    | 58.1                | 52.0             | -90.00                      | 6,643.4                | -56.9           | 1,026.4                      | 917.2                         | 109.20                          | 9.400                |          |
| 17,700.0                                                                     | 11,180.0                    | 17,678.0                    | 11,180.0                    | 58.8                | 52.7             | -90.00                      | 6,743.4                | -57.3           | 1,026.4                      | 915.9                         | 110.57                          | 9.283                |          |
| 17,800.0                                                                     | 11,180.0                    | 17,778.0                    | 11,180.0                    | 59.4                | 53.4             | -90.00                      | 6,843.4                | -57.7           | 1,026.4                      | 914.5                         | 111.95                          | 9.169                |          |
| 17,900.0                                                                     | 11,180.0                    | 17,878.0                    | 11,180.0                    | 60.1                | 54.1             | -90.00                      | 6,943.4                | -58.1           | 1,026.4                      | 913.1                         | 113.32                          | 9.057                |          |
| 18,000.0                                                                     | 11,180.0                    | 17,978.0                    | 11,180.0                    | 60.8                | 54.9             | -90.00                      | 7,043.4                | -58.5           | 1,026.4                      | 911.7                         | 114.71                          | 8.948                |          |
| 18,100.0                                                                     | 11,180.0                    | 18,078.0                    | 11,180.0                    | 61.4                | 55.6             | -90.00                      | 7,143.4                | -58.9           | 1,026.4                      | 910.3                         | 116.09                          | 8.841                |          |
| 18,200.0                                                                     | 11,180.0                    | 18,178.0                    | 11,180.0                    | 62.1                | 56.4             | -90.00                      | 7,243.4                | -59.3           | 1,026.4                      | 908.9                         | 117.48                          | 8.737                |          |
| 18,300.0                                                                     | 11,180.0                    | 18,278.0                    | 11,180.0                    | 62.8                | 57.1             | -90.00                      | 7,343.4                | -59.6           | 1,026.4                      | 907.5                         | 118.87                          | 8.635                |          |
| 18,400.0                                                                     | 11,180.0                    | 18,378.0                    | 11,180.0                    | 63.5                | 57.8             | -90.00                      | 7,443.4                | -60.0           | 1,026.4                      | 906.1                         | 120.26                          | 8.535                |          |
| 18,500.0                                                                     | 11,180.0                    | 18,478.0                    | 11,180.0                    | 64.2                | 58.6             | -90.00                      | 7,543.4                | -60.4           | 1,026.4                      | 904.7                         | 121.66                          | 8.437                |          |
| 18,600.0                                                                     | 11,180.0                    | 18,578.0                    | 11,180.0                    | 64.8                | 59.3             | -90.00                      | 7,643.4                | -60.8           | 1,026.4                      | 903.3                         | 123.06                          | 8.341                |          |
| 18,700.0                                                                     | 11,180.0                    | 18,678.0                    | 11,180.0                    | 65.5                | 60.0             | -90.00                      | 7,743.4                | -61.2           | 1,026.4                      | 901.9                         | 124.46                          | 8.247                |          |
| 18,800.0                                                                     | 11,180.0                    | 18,778.0                    | 11,180.0                    | 66.2                | 60.8             | -90.00                      | 7,843.4                | -61.6           | 1,026.4                      | 900.5                         | 125.86                          | 8.155                |          |
| 18,900.0                                                                     | 11,180.0                    | 18,878.0                    | 11,180.0                    | 66.9                | 61.5             | -90.00                      | 7,943.4                | -62.0           | 1,026.4                      | 899.1                         | 127.27                          | 8.064                |          |
| 19,000.0                                                                     | 11,180.0                    | 18,978.0                    | 11,180.0                    | 67.6                | 62.3             | -90.00                      | 8,043.4                | -62.4           | 1,026.4                      | 897.7                         | 128.68                          | 7.976                |          |
| 19,100.0                                                                     | 11,180.0                    | 19,078.0                    | 11,180.0                    | 68.3                | 63.0             | -90.00                      | 8,143.4                | -62.8           | 1,026.3                      | 896.3                         | 130.09                          | 7.889                |          |
| 19,200.0                                                                     | 11,180.0                    | 19,178.0                    | 11,180.0                    | 69.0                | 63.7             | -90.00                      | 8,243.4                | -63.2           | 1,026.3                      | 894.8                         | 131.51                          | 7.805                |          |
| 19,300.0                                                                     | 11,180.0                    | 19,278.0                    | 11,180.0                    | 69.7                | 64.5             | -90.00                      | 8,343.4                | -63.6           | 1,026.3                      | 893.4                         | 132.92                          | 7.721                |          |
| 19,400.0                                                                     | 11,180.0                    | 19,378.0                    | 11,180.0                    | 70.4                | 65.2             | -90.00                      | 8,443.4                | -64.0           | 1,026.3                      | 892.0                         | 134.34                          | 7.640                |          |
| 19,500.0                                                                     | 11,180.0                    | 19,478.0                    | 11,180.0                    | 71.1                | 66.0             | -90.00                      | 8,543.4                | -64.4           | 1,026.3                      | 890.6                         | 135.76                          | 7.560                |          |
| 19,600.0                                                                     | 11,180.0                    | 19,578.0                    | 11,180.0                    | 71.8                | 66.7             | -90.00                      | 8,643.4                | -64.8           | 1,026.3                      | 889.1                         | 137.18                          | 7.481                |          |
| 19,700.0                                                                     | 11,180.0                    | 19,678.0                    | 11,180.0                    | 72.5                | 67.5             | -90.00                      | 8,743.4                | -65.2           | 1,026.3                      | 887.7                         | 138.61                          | 7.405                |          |
| 19,800.0                                                                     | 11,180.0                    | 19,778.0                    | 11,180.0                    | 73.2                | 68.2             | -90.00                      | 8,843.4                | -65.5           | 1,026.3                      | 886.3                         | 140.03                          | 7.329                |          |
| 19,900.0                                                                     | 11,180.0                    | 19,878.0                    | 11,180.0                    | 73.9                | 69.0             | -90.00                      | 8,943.4                | -65.9           | 1,026.3                      | 884.8                         | 141.46                          | 7.255                |          |
| 20,000.0                                                                     | 11,180.0                    | 19,978.0                    | 11,180.0                    | 74.6                | 69.7             | -90.00                      | 9,043.4                | -66.3           | 1,026.3                      | 883.4                         | 142.89                          | 7.182                |          |
| 20,100.0                                                                     | 11,180.0                    | 20,078.0                    | 11,180.0                    | 75.3                | 70.5             | -90.00                      | 9,143.4                | -66.7           | 1,026.3                      | 882.0                         | 144.32                          | 7.111                |          |
| 20,200.0                                                                     | 11,180.0                    | 20,178.0                    | 11,180.0                    | 76.0                | 71.2             | -90.00                      | 9,243.4                | -67.1           | 1,026.3                      | 880.5                         | 145.75                          | 7.041                |          |
| 20,300.0                                                                     | 11,180.0                    | 20,278.0                    | 11,180.0                    | 76.7                | 71.9             | -90.00                      | 9,343.4                | -67.5           | 1,026.3                      | 879.1                         | 147.19                          | 6.973                |          |
| 20,400.0                                                                     | 11,180.0                    | 20,378.0                    | 11,180.0                    | 77.4                | 72.7             | -90.00                      | 9,443.4                | -67.9           | 1,026.3                      | 877.6                         | 148.62                          | 6.905                |          |
| 20,500.0                                                                     | 11,180.0                    | 20,478.0                    | 11,180.0                    | 78.1                | 73.4             | -90.00                      | 9,543.4                | -68.3           | 1,026.3                      | 876.2                         | 150.06                          | 6.839                |          |
| 20,600.0                                                                     | 11,180.0                    | 20,578.0                    | 11,180.0                    | 78.8                | 74.2             | -90.00                      | 9,643.4                | -68.7           | 1,026.2                      | 874.8                         | 151.50                          | 6.774                |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #706H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 20,700.0                                                                     | 11,180.0                    | 20,678.0                    | 11,180.0                    | 79.6                | 74.9             | -90.00                      | 9,743.4                | -69.1           | 1,026.2                      | 873.3                         | 152.94               | 6.710              |          |
| 20,800.0                                                                     | 11,180.0                    | 20,778.0                    | 11,180.0                    | 80.3                | 75.7             | -90.00                      | 9,843.4                | -69.5           | 1,026.2                      | 871.9                         | 154.38               | 6.647              |          |
| 20,900.0                                                                     | 11,180.0                    | 20,878.0                    | 11,180.0                    | 81.0                | 76.4             | -90.00                      | 9,943.4                | -69.9           | 1,026.2                      | 870.4                         | 155.82               | 6.586              |          |
| 21,000.0                                                                     | 11,180.0                    | 20,978.0                    | 11,180.0                    | 81.7                | 77.2             | -90.00                      | 10,043.4               | -70.3           | 1,026.2                      | 869.0                         | 157.27               | 6.525              |          |
| 21,100.0                                                                     | 11,180.0                    | 21,078.0                    | 11,180.0                    | 82.4                | 77.9             | -90.00                      | 10,143.4               | -70.7           | 1,026.2                      | 867.5                         | 158.71               | 6.466              |          |
| 21,200.0                                                                     | 11,180.0                    | 21,178.0                    | 11,180.0                    | 83.1                | 78.7             | -90.00                      | 10,243.4               | -71.1           | 1,026.2                      | 866.1                         | 160.16               | 6.407              |          |
| 21,300.0                                                                     | 11,180.0                    | 21,278.0                    | 11,180.0                    | 83.9                | 79.4             | -90.00                      | 10,343.4               | -71.5           | 1,026.2                      | 864.6                         | 161.61               | 6.350              |          |
| 21,400.0                                                                     | 11,180.0                    | 21,378.0                    | 11,180.0                    | 84.6                | 80.2             | -90.00                      | 10,443.4               | -71.8           | 1,026.2                      | 863.1                         | 163.06               | 6.294              |          |
| 21,500.0                                                                     | 11,180.0                    | 21,478.0                    | 11,180.0                    | 85.3                | 80.9             | -90.00                      | 10,543.4               | -72.2           | 1,026.2                      | 861.7                         | 164.51               | 6.238              |          |
| 21,600.0                                                                     | 11,180.0                    | 21,578.0                    | 11,180.0                    | 86.0                | 81.7             | -90.00                      | 10,643.4               | -72.6           | 1,026.2                      | 860.2                         | 165.96               | 6.183              |          |
| 21,700.0                                                                     | 11,180.0                    | 21,678.0                    | 11,180.0                    | 86.7                | 82.5             | -90.00                      | 10,743.4               | -73.0           | 1,026.2                      | 858.8                         | 167.41               | 6.130              |          |
| 21,800.0                                                                     | 11,180.0                    | 21,778.0                    | 11,180.0                    | 87.5                | 83.2             | -90.00                      | 10,843.4               | -73.4           | 1,026.2                      | 857.3                         | 168.86               | 6.077              |          |
| 21,900.0                                                                     | 11,180.0                    | 21,878.0                    | 11,180.0                    | 88.2                | 84.0             | -90.00                      | 10,943.4               | -73.8           | 1,026.2                      | 855.8                         | 170.32               | 6.025              |          |
| 22,000.0                                                                     | 11,180.0                    | 21,978.0                    | 11,180.0                    | 88.9                | 84.7             | -90.00                      | 11,043.4               | -74.2           | 1,026.2                      | 854.4                         | 171.77               | 5.974              |          |
| 22,100.0                                                                     | 11,180.0                    | 22,078.0                    | 11,180.0                    | 89.6                | 85.5             | -90.00                      | 11,143.4               | -74.6           | 1,026.2                      | 852.9                         | 173.23               | 5.924              |          |
| 22,200.0                                                                     | 11,180.0                    | 22,178.0                    | 11,180.0                    | 90.4                | 86.2             | -90.00                      | 11,243.4               | -75.0           | 1,026.1                      | 851.5                         | 174.69               | 5.874              |          |
| 22,300.0                                                                     | 11,180.0                    | 22,278.0                    | 11,180.0                    | 91.1                | 87.0             | -90.00                      | 11,343.4               | -75.4           | 1,026.1                      | 850.0                         | 176.14               | 5.826              |          |
| 22,400.0                                                                     | 11,180.0                    | 22,378.0                    | 11,180.0                    | 91.8                | 87.7             | -90.00                      | 11,443.4               | -75.8           | 1,026.1                      | 848.5                         | 177.60               | 5.778              |          |
| 22,500.0                                                                     | 11,180.0                    | 22,478.0                    | 11,180.0                    | 92.5                | 88.5             | -90.00                      | 11,543.4               | -76.2           | 1,026.1                      | 847.1                         | 179.06               | 5.731              |          |
| 22,600.0                                                                     | 11,180.0                    | 22,578.0                    | 11,180.0                    | 93.3                | 89.2             | -90.00                      | 11,643.4               | -76.6           | 1,026.1                      | 845.6                         | 180.52               | 5.684              |          |
| 22,700.0                                                                     | 11,180.0                    | 22,678.0                    | 11,180.0                    | 94.0                | 90.0             | -90.00                      | 11,743.4               | -77.0           | 1,026.1                      | 844.1                         | 181.98               | 5.638              |          |
| 22,800.0                                                                     | 11,180.0                    | 22,778.0                    | 11,180.0                    | 94.7                | 90.7             | -90.00                      | 11,843.4               | -77.4           | 1,026.1                      | 842.7                         | 183.45               | 5.593              |          |
| 22,900.0                                                                     | 11,180.0                    | 22,878.0                    | 11,180.0                    | 95.4                | 91.5             | -90.00                      | 11,943.4               | -77.7           | 1,026.1                      | 841.2                         | 184.91               | 5.549              |          |
| 23,000.0                                                                     | 11,180.0                    | 22,978.0                    | 11,180.0                    | 96.2                | 92.2             | -90.00                      | 12,043.4               | -78.1           | 1,026.1                      | 839.7                         | 186.37               | 5.506              |          |
| 23,100.0                                                                     | 11,180.0                    | 23,078.0                    | 11,180.0                    | 96.9                | 93.0             | -90.00                      | 12,143.3               | -78.5           | 1,026.1                      | 838.2                         | 187.84               | 5.463              |          |
| 23,200.0                                                                     | 11,180.0                    | 23,178.0                    | 11,180.0                    | 97.6                | 93.8             | -90.00                      | 12,243.3               | -78.9           | 1,026.1                      | 836.8                         | 189.30               | 5.420              |          |
| 23,300.0                                                                     | 11,180.0                    | 23,278.0                    | 11,180.0                    | 98.4                | 94.5             | -90.00                      | 12,343.3               | -79.3           | 1,026.1                      | 835.3                         | 190.77               | 5.379              |          |
| 23,400.0                                                                     | 11,180.0                    | 23,378.0                    | 11,180.0                    | 99.1                | 95.3             | -90.00                      | 12,443.3               | -79.7           | 1,026.1                      | 833.8                         | 192.24               | 5.337              |          |
| 23,500.0                                                                     | 11,180.0                    | 23,478.0                    | 11,180.0                    | 99.8                | 96.0             | -90.00                      | 12,543.3               | -80.1           | 1,026.1                      | 832.4                         | 193.71               | 5.297              |          |
| 23,600.0                                                                     | 11,180.0                    | 23,578.0                    | 11,180.0                    | 100.6               | 96.8             | -90.00                      | 12,643.3               | -80.5           | 1,026.1                      | 830.9                         | 195.17               | 5.257              |          |
| 23,700.0                                                                     | 11,180.0                    | 23,678.0                    | 11,180.0                    | 101.3               | 97.5             | -90.00                      | 12,743.3               | -80.9           | 1,026.0                      | 829.4                         | 196.64               | 5.218              |          |
| 23,800.0                                                                     | 11,180.0                    | 23,778.0                    | 11,180.0                    | 102.0               | 98.3             | -90.00                      | 12,843.3               | -81.3           | 1,026.0                      | 827.9                         | 198.11               | 5.179              |          |
| 23,900.0                                                                     | 11,180.0                    | 23,878.0                    | 11,180.0                    | 102.8               | 99.1             | -90.00                      | 12,943.3               | -81.7           | 1,026.0                      | 826.5                         | 199.58               | 5.141              |          |
| 24,000.0                                                                     | 11,180.0                    | 23,978.0                    | 11,180.0                    | 103.5               | 99.8             | -90.00                      | 13,043.3               | -82.1           | 1,026.0                      | 825.0                         | 201.05               | 5.103              |          |
| 24,100.0                                                                     | 11,180.0                    | 24,078.0                    | 11,180.0                    | 104.2               | 100.6            | -90.00                      | 13,143.3               | -82.5           | 1,026.0                      | 823.5                         | 202.52               | 5.066              |          |
| 24,200.0                                                                     | 11,180.0                    | 24,178.0                    | 11,180.0                    | 105.0               | 101.3            | -90.00                      | 13,243.3               | -82.9           | 1,026.0                      | 822.0                         | 204.00               | 5.030              |          |
| 24,300.0                                                                     | 11,180.0                    | 24,278.0                    | 11,180.0                    | 105.7               | 102.1            | -90.00                      | 13,343.3               | -83.3           | 1,026.0                      | 820.5                         | 205.47               | 4.993              |          |
| 24,400.0                                                                     | 11,180.0                    | 24,378.0                    | 11,180.0                    | 106.5               | 102.8            | -90.00                      | 13,443.3               | -83.7           | 1,026.0                      | 819.1                         | 206.94               | 4.958              |          |
| 24,486.5                                                                     | 11,180.0                    | 24,464.5                    | 11,180.0                    | 107.1               | 103.5            | -90.00                      | 13,529.8               | -84.0           | 1,026.0                      | 817.8                         | 208.22               | 4.928              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                                     |                    |          |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #707H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                                     | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                           |                                     | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Rule Assigned:         |                         |                           |                                     | Warning            |          |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor                   |                    |          |
| 0.0                                                                          | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | -90.00                | 0.0                    | -30.0        | 30.0                   | 23.6                    | 6.43                      | 4.666                               |                    |          |
| 100.0                                                                        | 100.0                 | 100.0                 | 100.0                 | 3.2              | 3.2           | -90.00                | 0.0                    | -30.0        | 30.0                   | 23.1                    | 6.89                      | 4.353                               |                    |          |
| 200.0                                                                        | 200.0                 | 200.0                 | 200.0                 | 3.5              | 3.5           | -90.00                | 0.0                    | -30.0        | 30.0                   | 22.7                    | 7.33                      | 4.094                               |                    |          |
| 300.0                                                                        | 300.0                 | 300.0                 | 300.0                 | 3.7              | 3.7           | -90.00                | 0.0                    | -30.0        | 30.0                   | 22.3                    | 7.74                      | 3.875                               |                    |          |
| 400.0                                                                        | 400.0                 | 400.0                 | 400.0                 | 3.9              | 3.9           | -90.00                | 0.0                    | -30.0        | 30.0                   | 21.9                    | 8.14                      | 3.688                               |                    |          |
| 500.0                                                                        | 500.0                 | 500.0                 | 500.0                 | 4.1              | 4.1           | -90.00                | 0.0                    | -30.0        | 30.0                   | 21.5                    | 8.51                      | 3.524                               |                    |          |
| 600.0                                                                        | 600.0                 | 600.0                 | 600.0                 | 4.2              | 4.2           | -90.00                | 0.0                    | -30.0        | 30.0                   | 21.1                    | 8.88                      | 3.379                               |                    |          |
| 700.0                                                                        | 700.0                 | 700.0                 | 700.0                 | 4.4              | 4.4           | -90.00                | 0.0                    | -30.0        | 30.0                   | 20.8                    | 9.23                      | 3.250                               |                    |          |
| 800.0                                                                        | 800.0                 | 800.0                 | 800.0                 | 4.6              | 4.6           | -90.00                | 0.0                    | -30.0        | 30.0                   | 20.4                    | 9.57                      | 3.135                               |                    |          |
| 900.0                                                                        | 900.0                 | 900.0                 | 900.0                 | 4.8              | 4.8           | -90.00                | 0.0                    | -30.0        | 30.0                   | 20.1                    | 9.90                      | 3.030                               |                    |          |
| 1,000.0                                                                      | 1,000.0               | 1,000.0               | 1,000.0               | 4.9              | 4.9           | -90.00                | 0.0                    | -30.0        | 30.0                   | 19.8                    | 10.22                     | 2.934                               |                    |          |
| 1,100.0                                                                      | 1,100.0               | 1,100.0               | 1,100.0               | 5.1              | 5.1           | -90.00                | 0.0                    | -30.0        | 30.0                   | 19.5                    | 10.54                     | 2.846                               |                    |          |
| 1,200.0                                                                      | 1,200.0               | 1,200.0               | 1,200.0               | 5.2              | 5.2           | -90.00                | 0.0                    | -30.0        | 30.0                   | 19.2                    | 10.85                     | 2.766                               |                    |          |
| 1,300.0                                                                      | 1,300.0               | 1,300.0               | 1,300.0               | 5.4              | 5.4           | -90.00                | 0.0                    | -30.0        | 30.0                   | 18.9                    | 11.15                     | 2.691                               |                    |          |
| 1,400.0                                                                      | 1,400.0               | 1,400.0               | 1,400.0               | 5.5              | 5.5           | -90.00                | 0.0                    | -30.0        | 30.0                   | 18.6                    | 11.44                     | 2.621                               |                    |          |
| 1,500.0                                                                      | 1,500.0               | 1,500.0               | 1,500.0               | 5.7              | 5.7           | -90.00                | 0.0                    | -30.0        | 30.0                   | 18.3                    | 11.73                     | 2.557                               |                    |          |
| 1,600.0                                                                      | 1,600.0               | 1,600.0               | 1,600.0               | 5.8              | 5.8           | -90.00                | 0.0                    | -30.0        | 30.0                   | 18.0                    | 12.02                     | 2.496                               |                    |          |
| 1,700.0                                                                      | 1,700.0               | 1,700.0               | 1,700.0               | 6.0              | 6.0           | -90.00                | 0.0                    | -30.0        | 30.0                   | 17.7                    | 12.30                     | 2.439                               |                    |          |
| 1,800.0                                                                      | 1,800.0               | 1,800.0               | 1,800.0               | 6.1              | 6.1           | -90.00                | 0.0                    | -30.0        | 30.0                   | 17.4                    | 12.58                     | 2.386                               |                    |          |
| 1,900.0                                                                      | 1,900.0               | 1,900.0               | 1,900.0               | 6.3              | 6.3           | -90.00                | 0.0                    | -30.0        | 30.0                   | 17.2                    | 12.85                     | 2.335                               |                    |          |
| 2,000.0                                                                      | 2,000.0               | 2,000.0               | 2,000.0               | 6.4              | 6.4           | -90.00                | 0.0                    | -30.0        | 30.0                   | 16.9                    | 13.12                     | 2.287                               |                    |          |
| 2,100.0                                                                      | 2,100.0               | 2,100.7               | 2,100.7               | 6.5              | 6.5           | -90.90                | -0.5                   | -28.8        | 28.8                   | 15.4                    | 13.39                     | 2.148                               |                    |          |
| 2,200.0                                                                      | 2,200.0               | 2,201.3               | 2,201.2               | 6.7              | 6.7           | -94.15                | -1.8                   | -25.0        | 25.1                   | 11.5                    | 13.65                     | 1.839 Advise and Monitor            |                    |          |
| 2,300.0                                                                      | 2,300.0               | 2,301.6               | 2,301.3               | 6.8              | 6.9           | -102.21               | -4.1                   | -18.8        | 19.3                   | 5.4                     | 13.91                     | 1.387 Shut in Produces              |                    |          |
| 2,400.0                                                                      | 2,400.0               | 2,401.5               | 2,400.8               | 6.9              | 7.0           | -125.28               | -7.2                   | -10.2        | 12.5                   | -1.6                    | 14.12                     | 0.886 Stop Drilling Now             |                    |          |
| 2,463.2                                                                      | 2,463.2               | 2,464.4               | 2,463.2               | 7.0              | 7.2           | -160.00               | -9.6                   | -3.5         | 10.3                   | -4.0                    | 14.22                     | 0.722 Stop Drilling Now, CC, ES, SF |                    |          |
| 2,500.0                                                                      | 2,500.0               | 2,500.8               | 2,499.4               | 7.0              | 7.2           | 175.87                | -11.2                  | 0.8          | 11.3                   | -3.1                    | 14.34                     | 0.785 Stop Drilling Now             |                    |          |
| 2,600.0                                                                      | 2,600.0               | 2,599.9               | 2,597.5               | 7.2              | 7.4           | 82.73                 | -15.9                  | 13.6         | 20.9                   | 6.2                     | 14.69                     | 1.421 Shut in Produces              |                    |          |
| 2,700.0                                                                      | 2,699.9               | 2,699.2               | 2,695.9               | 7.3              | 7.6           | 76.09                 | -20.6                  | 26.6         | 32.3                   | 17.3                    | 15.04                     | 2.149                               |                    |          |
| 2,800.0                                                                      | 2,799.7               | 2,798.6               | 2,794.3               | 7.5              | 7.8           | 76.19                 | -25.3                  | 39.6         | 43.2                   | 27.9                    | 15.36                     | 2.815                               |                    |          |
| 2,900.0                                                                      | 2,899.3               | 2,898.0               | 2,892.8               | 7.7              | 8.1           | 78.93                 | -30.1                  | 52.6         | 53.6                   | 38.0                    | 15.68                     | 3.421                               |                    |          |
| 3,000.0                                                                      | 2,998.6               | 2,997.4               | 2,991.2               | 7.9              | 8.4           | 83.06                 | -34.8                  | 65.6         | 63.7                   | 47.8                    | 15.97                     | 3.993                               |                    |          |
| 3,100.0                                                                      | 3,097.6               | 3,096.7               | 3,089.5               | 8.1              | 8.6           | 87.69                 | -39.5                  | 78.6         | 74.0                   | 57.8                    | 16.19                     | 4.572                               |                    |          |
| 3,200.0                                                                      | 3,196.6               | 3,196.1               | 3,187.9               | 8.3              | 8.9           | 91.31                 | -44.3                  | 91.6         | 84.6                   | 68.2                    | 16.46                     | 5.143                               |                    |          |
| 3,300.0                                                                      | 3,295.7               | 3,295.4               | 3,286.2               | 8.5              | 9.2           | 92.00                 | -49.0                  | 104.6        | 95.5                   | 78.8                    | 16.71                     | 5.715                               |                    |          |
| 3,400.0                                                                      | 3,394.5               | 3,394.8               | 3,384.7               | 8.8              | 9.6           | 83.76                 | -53.7                  | 117.6        | 104.6                  | 87.6                    | 17.04                     | 6.139                               |                    |          |
| 3,500.0                                                                      | 3,493.0               | 3,494.4               | 3,483.3               | 9.0              | 9.9           | 78.67                 | -58.5                  | 130.6        | 111.1                  | 93.8                    | 17.30                     | 6.421                               |                    |          |
| 3,600.0                                                                      | 3,591.1               | 3,594.0               | 3,581.9               | 9.3              | 10.2          | 76.73                 | -63.2                  | 143.6        | 115.2                  | 97.7                    | 17.50                     | 6.585                               |                    |          |
| 3,700.0                                                                      | 3,688.9               | 3,693.5               | 3,680.5               | 9.7              | 10.5          | 81.04                 | -67.9                  | 156.7        | 118.8                  | 101.1                   | 17.75                     | 6.693                               |                    |          |
| 3,800.0                                                                      | 3,786.7               | 3,793.1               | 3,779.1               | 9.9              | 10.9          | 85.07                 | -72.7                  | 169.7        | 123.0                  | 105.1                   | 17.93                     | 6.860                               |                    |          |
| 3,900.0                                                                      | 3,884.5               | 3,896.2               | 3,881.2               | 10.3             | 11.2          | 88.83                 | -76.4                  | 183.4        | 126.7                  | 108.6                   | 18.17                     | 6.977                               |                    |          |
| 4,000.0                                                                      | 3,982.3               | 3,998.3               | 3,982.4               | 10.6             | 11.6          | 92.09                 | -77.0                  | 197.5        | 127.8                  | 109.5                   | 18.32                     | 6.977                               |                    |          |
| 4,100.0                                                                      | 4,080.2               | 4,098.1               | 4,081.2               | 10.9             | 11.9          | 95.18                 | -77.0                  | 211.4        | 128.7                  | 110.2                   | 18.53                     | 6.949                               |                    |          |
| 4,200.0                                                                      | 4,178.0               | 4,197.9               | 4,180.0               | 11.2             | 12.3          | 98.22                 | -77.0                  | 225.3        | 130.0                  | 111.3                   | 18.77                     | 6.927                               |                    |          |
| 4,300.0                                                                      | 4,275.8               | 4,297.6               | 4,278.7               | 11.6             | 12.6          | 101.19                | -77.0                  | 239.1        | 131.7                  | 112.6                   | 19.07                     | 6.908                               |                    |          |
| 4,400.0                                                                      | 4,373.6               | 4,397.4               | 4,377.5               | 12.0             | 13.0          | 104.08                | -77.0                  | 253.0        | 133.7                  | 114.3                   | 19.41                     | 6.889                               |                    |          |
| 4,500.0                                                                      | 4,471.4               | 4,497.1               | 4,476.3               | 12.3             | 13.4          | 106.88                | -77.0                  | 266.9        | 136.1                  | 116.2                   | 19.81                     | 6.868                               |                    |          |
| 4,600.0                                                                      | 4,569.2               | 4,596.9               | 4,575.1               | 12.7             | 13.7          | 109.58                | -77.0                  | 280.8        | 138.7                  | 118.4                   | 20.27                     | 6.843                               |                    |          |
| 4,700.0                                                                      | 4,667.0               | 4,696.6               | 4,673.9               | 13.1             | 14.1          | 112.17                | -77.0                  | 294.7        | 141.7                  | 120.9                   | 20.79                     | 6.814                               |                    |          |
| 4,800.0                                                                      | 4,764.9               | 4,796.4               | 4,772.7               | 13.5             | 14.5          | 114.65                | -77.0                  | 308.6        | 144.9                  | 123.5                   | 21.36                     | 6.782                               |                    |          |
| 4,900.0                                                                      | 4,862.7               | 4,896.1               | 4,871.4               | 13.9             | 14.9          | 117.02                | -77.0                  | 322.4        | 148.4                  | 126.4                   | 21.99                     | 6.747                               |                    |          |
| 5,000.0                                                                      | 4,960.5               | 4,995.9               | 4,970.2               | 14.3             | 15.3          | 119.28                | -77.0                  | 336.3        | 152.1                  | 129.4                   | 22.67                     | 6.710                               |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #707H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 5,100.0                                                                      | 5,058.3                     | 5,095.7                     | 5,069.0                     | 14.7                | 15.6             | 121.43                      | -77.0                  | 350.2           | 156.1                        | 132.7                         | 23.39                | 6.671              |          |
| 5,200.0                                                                      | 5,156.1                     | 5,195.4                     | 5,167.8                     | 15.1                | 16.0             | 123.46                      | -77.0                  | 364.1           | 160.2                        | 136.1                         | 24.15                | 6.633              |          |
| 5,300.0                                                                      | 5,253.9                     | 5,295.2                     | 5,266.6                     | 15.5                | 16.4             | 125.40                      | -77.0                  | 378.0           | 164.6                        | 139.6                         | 24.95                | 6.596              |          |
| 5,400.0                                                                      | 5,351.8                     | 5,394.9                     | 5,365.4                     | 15.9                | 16.8             | 127.23                      | -77.0                  | 391.9           | 169.1                        | 143.3                         | 25.78                | 6.561              |          |
| 5,500.0                                                                      | 5,449.6                     | 5,494.7                     | 5,464.1                     | 16.3                | 17.2             | 128.96                      | -77.0                  | 405.7           | 173.8                        | 147.2                         | 26.63                | 6.528              |          |
| 5,600.0                                                                      | 5,547.4                     | 5,594.4                     | 5,562.9                     | 16.7                | 17.6             | 130.60                      | -77.0                  | 419.6           | 178.7                        | 151.2                         | 27.50                | 6.497              |          |
| 5,700.0                                                                      | 5,645.2                     | 5,693.3                     | 5,660.9                     | 17.2                | 18.0             | 132.18                      | -77.0                  | 433.2           | 183.7                        | 155.4                         | 28.36                | 6.478              |          |
| 5,800.0                                                                      | 5,743.0                     | 5,790.9                     | 5,757.7                     | 17.6                | 18.4             | 133.96                      | -77.0                  | 445.3           | 189.9                        | 160.6                         | 29.33                | 6.475              |          |
| 5,900.0                                                                      | 5,840.8                     | 5,888.1                     | 5,854.3                     | 18.0                | 18.7             | 135.98                      | -77.0                  | 455.7           | 197.4                        | 167.1                         | 30.37                | 6.501              |          |
| 6,000.0                                                                      | 5,938.6                     | 5,984.9                     | 5,950.8                     | 18.4                | 19.1             | 138.16                      | -77.0                  | 464.4           | 206.4                        | 174.9                         | 31.47                | 6.559              |          |
| 6,100.0                                                                      | 6,036.5                     | 6,081.4                     | 6,047.0                     | 18.9                | 19.4             | 140.43                      | -77.0                  | 471.4           | 216.9                        | 184.3                         | 32.60                | 6.654              |          |
| 6,200.0                                                                      | 6,134.3                     | 6,177.4                     | 6,142.8                     | 19.3                | 19.8             | 142.75                      | -77.0                  | 476.8           | 229.0                        | 195.3                         | 33.74                | 6.788              |          |
| 6,300.0                                                                      | 6,232.1                     | 6,272.8                     | 6,238.2                     | 19.7                | 20.0             | 145.05                      | -77.0                  | 480.6           | 242.9                        | 208.0                         | 34.87                | 6.965              |          |
| 6,400.0                                                                      | 6,329.9                     | 6,367.7                     | 6,333.0                     | 20.2                | 20.3             | 147.31                      | -77.0                  | 482.8           | 258.4                        | 222.4                         | 35.96                | 7.186              |          |
| 6,500.0                                                                      | 6,427.7                     | 6,462.4                     | 6,427.7                     | 20.6                | 20.4             | 149.48                      | -77.0                  | 483.4           | 275.7                        | 238.7                         | 36.94                | 7.463              |          |
| 6,600.0                                                                      | 6,525.5                     | 6,560.2                     | 6,525.5                     | 21.1                | 20.5             | 151.53                      | -77.0                  | 483.4           | 293.9                        | 256.0                         | 37.83                | 7.767              |          |
| 6,700.0                                                                      | 6,623.3                     | 6,658.0                     | 6,623.3                     | 21.5                | 20.5             | 153.34                      | -77.0                  | 483.4           | 312.4                        | 273.7                         | 38.68                | 8.076              |          |
| 6,800.0                                                                      | 6,721.2                     | 6,755.8                     | 6,721.2                     | 22.0                | 20.6             | 154.95                      | -77.0                  | 483.4           | 331.2                        | 291.7                         | 39.48                | 8.388              |          |
| 6,900.0                                                                      | 6,819.0                     | 6,853.6                     | 6,819.0                     | 22.4                | 20.6             | 156.38                      | -77.0                  | 483.4           | 350.2                        | 309.9                         | 40.24                | 8.702              |          |
| 7,000.0                                                                      | 6,916.8                     | 6,951.4                     | 6,916.8                     | 22.9                | 20.6             | 157.67                      | -77.0                  | 483.4           | 369.4                        | 328.4                         | 40.97                | 9.015              |          |
| 7,100.0                                                                      | 7,014.6                     | 7,049.3                     | 7,014.6                     | 23.3                | 20.7             | 158.83                      | -77.0                  | 483.4           | 388.8                        | 347.1                         | 41.68                | 9.327              |          |
| 7,200.0                                                                      | 7,112.4                     | 7,147.1                     | 7,112.4                     | 23.8                | 20.7             | 159.88                      | -77.0                  | 483.4           | 408.3                        | 365.9                         | 42.36                | 9.637              |          |
| 7,300.0                                                                      | 7,210.3                     | 7,245.0                     | 7,210.3                     | 24.2                | 20.8             | 160.86                      | -77.0                  | 483.4           | 427.6                        | 384.6                         | 43.01                | 9.941              |          |
| 7,400.0                                                                      | 7,308.5                     | 7,343.2                     | 7,308.5                     | 24.6                | 20.8             | 161.72                      | -77.0                  | 483.4           | 445.5                        | 401.9                         | 43.64                | 10.208             |          |
| 7,500.0                                                                      | 7,407.0                     | 7,441.7                     | 7,407.0                     | 25.1                | 20.8             | 162.43                      | -77.0                  | 483.4           | 461.9                        | 417.6                         | 44.25                | 10.438             |          |
| 7,600.0                                                                      | 7,505.8                     | 7,540.5                     | 7,505.8                     | 25.5                | 20.9             | 163.04                      | -77.0                  | 483.4           | 476.6                        | 431.8                         | 44.83                | 10.632             |          |
| 7,700.0                                                                      | 7,604.9                     | 7,639.5                     | 7,604.9                     | 25.9                | 20.9             | 163.54                      | -77.0                  | 483.4           | 489.8                        | 444.4                         | 45.39                | 10.791             |          |
| 7,800.0                                                                      | 7,704.1                     | 7,738.8                     | 7,704.1                     | 26.3                | 21.0             | 163.96                      | -77.0                  | 483.4           | 501.3                        | 455.4                         | 45.92                | 10.917             |          |
| 7,900.0                                                                      | 7,803.6                     | 7,838.3                     | 7,803.6                     | 26.7                | 21.0             | 164.31                      | -77.0                  | 483.4           | 511.2                        | 464.7                         | 46.43                | 11.010             |          |
| 8,000.0                                                                      | 7,903.3                     | 7,937.9                     | 7,903.3                     | 27.1                | 21.1             | 164.58                      | -77.0                  | 483.4           | 519.4                        | 472.4                         | 46.91                | 11.071             |          |
| 8,100.0                                                                      | 8,003.0                     | 8,037.7                     | 8,003.0                     | 27.4                | 21.1             | 164.79                      | -77.0                  | 483.4           | 525.9                        | 478.5                         | 47.37                | 11.102             |          |
| 8,200.0                                                                      | 8,102.9                     | 8,137.5                     | 8,102.9                     | 27.8                | 21.1             | 164.95                      | -77.0                  | 483.4           | 530.7                        | 483.0                         | 47.79                | 11.105             |          |
| 8,300.0                                                                      | 8,202.8                     | 8,237.5                     | 8,202.8                     | 28.1                | 21.2             | 165.05                      | -77.0                  | 483.4           | 533.9                        | 485.7                         | 48.18                | 11.083             |          |
| 8,400.0                                                                      | 8,302.8                     | 8,337.5                     | 8,302.8                     | 28.3                | 21.2             | 165.10                      | -77.0                  | 483.4           | 535.4                        | 486.9                         | 48.50                | 11.040             |          |
| 8,500.0                                                                      | 8,402.8                     | 8,437.5                     | 8,402.8                     | 28.4                | 21.3             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.9                         | 48.60                | 11.020             |          |
| 8,600.0                                                                      | 8,502.8                     | 8,537.5                     | 8,502.8                     | 28.4                | 21.3             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.9                         | 48.68                | 11.002             |          |
| 8,700.0                                                                      | 8,602.8                     | 8,637.5                     | 8,602.8                     | 28.4                | 21.4             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.8                         | 48.75                | 10.985             |          |
| 8,800.0                                                                      | 8,702.8                     | 8,737.5                     | 8,702.8                     | 28.5                | 21.4             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.7                         | 48.83                | 10.967             |          |
| 8,900.0                                                                      | 8,802.8                     | 8,837.5                     | 8,802.8                     | 28.5                | 21.5             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.6                         | 48.91                | 10.949             |          |
| 9,000.0                                                                      | 8,902.8                     | 8,937.5                     | 8,902.8                     | 28.5                | 21.5             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.5                         | 48.99                | 10.932             |          |
| 9,100.0                                                                      | 9,002.8                     | 9,037.5                     | 9,002.8                     | 28.6                | 21.6             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.5                         | 49.07                | 10.914             |          |
| 9,200.0                                                                      | 9,102.8                     | 9,137.5                     | 9,102.8                     | 28.6                | 21.6             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.4                         | 49.15                | 10.896             |          |
| 9,300.0                                                                      | 9,202.8                     | 9,237.5                     | 9,202.8                     | 28.6                | 21.6             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.3                         | 49.23                | 10.878             |          |
| 9,400.0                                                                      | 9,302.8                     | 9,337.5                     | 9,302.8                     | 28.7                | 21.7             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.2                         | 49.31                | 10.860             |          |
| 9,500.0                                                                      | 9,402.8                     | 9,437.5                     | 9,402.8                     | 28.7                | 21.7             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.1                         | 49.39                | 10.843             |          |
| 9,600.0                                                                      | 9,502.8                     | 9,537.5                     | 9,502.8                     | 28.7                | 21.8             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.1                         | 49.47                | 10.825             |          |
| 9,700.0                                                                      | 9,602.8                     | 9,637.5                     | 9,602.8                     | 28.8                | 21.8             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 486.0                         | 49.56                | 10.807             |          |
| 9,800.0                                                                      | 9,702.8                     | 9,737.5                     | 9,702.8                     | 28.8                | 21.9             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.9                         | 49.64                | 10.789             |          |
| 9,900.0                                                                      | 9,802.8                     | 9,837.5                     | 9,802.8                     | 28.9                | 21.9             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.8                         | 49.72                | 10.771             |          |
| 10,000.0                                                                     | 9,902.8                     | 9,937.5                     | 9,902.8                     | 28.9                | 22.0             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.7                         | 49.80                | 10.753             |          |
| 10,100.0                                                                     | 10,002.8                    | 10,037.5                    | 10,002.8                    | 28.9                | 22.0             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.7                         | 49.89                | 10.735             |          |
| 10,200.0                                                                     | 10,102.8                    | 10,137.5                    | 10,102.8                    | 29.0                | 22.1             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.6                         | 49.97                | 10.717             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #707H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 10,300.0                                                                     | 10,202.8                    | 10,237.5                    | 10,202.8                    | 29.0                | 22.1             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.5                         | 50.06                | 10.699             |          |
| 10,400.0                                                                     | 10,302.8                    | 10,337.5                    | 10,302.8                    | 29.0                | 22.2             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.4                         | 50.14                | 10.680             |          |
| 10,500.0                                                                     | 10,402.8                    | 10,437.5                    | 10,402.8                    | 29.1                | 22.2             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.3                         | 50.23                | 10.662             |          |
| 10,600.0                                                                     | 10,502.8                    | 10,537.5                    | 10,502.8                    | 29.1                | 22.3             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.2                         | 50.31                | 10.644             |          |
| 10,700.0                                                                     | 10,602.8                    | 10,637.5                    | 10,602.8                    | 29.1                | 22.3             | -106.90                     | -77.0                  | 483.4           | 535.5                        | 485.1                         | 50.40                | 10.626             |          |
| 10,800.0                                                                     | 10,702.4                    | 10,737.0                    | 10,702.4                    | 29.2                | 22.4             | -107.26                     | -77.0                  | 483.4           | 537.9                        | 487.4                         | 50.44                | 10.664             |          |
| 10,900.0                                                                     | 10,799.0                    | 10,844.3                    | 10,809.6                    | 29.3                | 22.4             | -109.20                     | -76.0                  | 483.4           | 545.8                        | 495.4                         | 50.39                | 10.831             |          |
| 11,000.0                                                                     | 10,889.9                    | 10,993.0                    | 10,955.3                    | 29.4                | 22.4             | -111.89                     | -48.5                  | 483.3           | 554.5                        | 503.5                         | 50.98                | 10.877             |          |
| 11,100.0                                                                     | 10,972.1                    | 11,152.8                    | 11,098.4                    | 29.5                | 22.4             | -113.60                     | 21.6                   | 483.0           | 560.3                        | 508.3                         | 52.00                | 10.773             |          |
| 11,200.0                                                                     | 11,043.2                    | 11,318.7                    | 11,220.4                    | 29.6                | 22.4             | -114.05                     | 133.1                  | 482.6           | 561.8                        | 508.6                         | 53.22                | 10.557             |          |
| 11,300.0                                                                     | 11,101.1                    | 11,483.3                    | 11,305.1                    | 29.7                | 22.4             | -113.15                     | 273.6                  | 482.0           | 558.7                        | 504.5                         | 54.21                | 10.306             |          |
| 11,400.0                                                                     | 11,144.0                    | 11,639.8                    | 11,345.5                    | 29.7                | 22.5             | -111.07                     | 424.3                  | 481.4           | 551.8                        | 497.0                         | 54.73                | 10.081             |          |
| 11,500.0                                                                     | 11,170.5                    | 11,761.7                    | 11,350.0                    | 29.8                | 22.7             | -108.98                     | 546.0                  | 480.9           | 543.5                        | 488.5                         | 54.99                | 9.884              |          |
| 11,600.0                                                                     | 11,179.9                    | 11,861.1                    | 11,350.0                    | 29.9                | 22.8             | -108.33                     | 645.4                  | 480.5           | 540.5                        | 485.0                         | 55.46                | 9.745              |          |
| 11,680.5                                                                     | 11,180.3                    | 11,941.6                    | 11,350.0                    | 30.0                | 22.9             | -108.30                     | 725.9                  | 480.2           | 540.4                        | 484.4                         | 55.94                | 9.659              |          |
| 11,700.0                                                                     | 11,180.0                    | 11,961.1                    | 11,350.0                    | 30.0                | 23.0             | -108.33                     | 745.4                  | 480.1           | 540.5                        | 484.4                         | 56.07                | 9.639              |          |
| 11,800.0                                                                     | 11,180.0                    | 12,061.1                    | 11,350.0                    | 30.1                | 23.2             | -108.33                     | 845.4                  | 479.7           | 540.5                        | 483.7                         | 56.71                | 9.530              |          |
| 11,900.0                                                                     | 11,180.0                    | 12,161.1                    | 11,350.0                    | 30.2                | 23.4             | -108.33                     | 945.4                  | 479.3           | 540.5                        | 483.1                         | 57.39                | 9.418              |          |
| 12,000.0                                                                     | 11,180.0                    | 12,261.1                    | 11,350.0                    | 30.4                | 23.6             | -108.33                     | 1,045.4                | 478.9           | 540.5                        | 482.4                         | 58.09                | 9.303              |          |
| 12,100.0                                                                     | 11,180.0                    | 12,361.1                    | 11,350.0                    | 30.6                | 23.9             | -108.33                     | 1,145.4                | 478.5           | 540.5                        | 481.6                         | 58.83                | 9.187              |          |
| 12,200.0                                                                     | 11,180.0                    | 12,461.1                    | 11,350.0                    | 30.7                | 24.1             | -108.33                     | 1,245.4                | 478.1           | 540.5                        | 480.9                         | 59.60                | 9.068              |          |
| 12,300.0                                                                     | 11,180.0                    | 12,561.1                    | 11,350.0                    | 30.9                | 24.4             | -108.33                     | 1,345.4                | 477.7           | 540.5                        | 480.1                         | 60.40                | 8.949              |          |
| 12,400.0                                                                     | 11,180.0                    | 12,661.1                    | 11,350.0                    | 31.2                | 24.8             | -108.33                     | 1,445.4                | 477.3           | 540.5                        | 479.2                         | 61.22                | 8.828              |          |
| 12,500.0                                                                     | 11,180.0                    | 12,761.1                    | 11,350.0                    | 31.4                | 25.1             | -108.33                     | 1,545.4                | 476.9           | 540.5                        | 478.4                         | 62.07                | 8.707              |          |
| 12,600.0                                                                     | 11,180.0                    | 12,861.1                    | 11,350.0                    | 31.7                | 25.5             | -108.33                     | 1,645.4                | 476.5           | 540.5                        | 477.5                         | 62.95                | 8.586              |          |
| 12,700.0                                                                     | 11,180.0                    | 12,961.1                    | 11,350.0                    | 31.9                | 25.8             | -108.33                     | 1,745.4                | 476.1           | 540.5                        | 476.6                         | 63.84                | 8.465              |          |
| 12,800.0                                                                     | 11,180.0                    | 13,061.1                    | 11,350.0                    | 32.2                | 26.2             | -108.33                     | 1,845.4                | 475.7           | 540.5                        | 475.7                         | 64.77                | 8.345              |          |
| 12,900.0                                                                     | 11,180.0                    | 13,161.1                    | 11,350.0                    | 32.6                | 26.6             | -108.33                     | 1,945.4                | 475.3           | 540.5                        | 474.7                         | 65.71                | 8.225              |          |
| 13,000.0                                                                     | 11,180.0                    | 13,261.1                    | 11,350.0                    | 32.9                | 27.1             | -108.33                     | 2,045.4                | 474.9           | 540.5                        | 473.8                         | 66.68                | 8.105              |          |
| 13,100.0                                                                     | 11,180.0                    | 13,361.1                    | 11,350.0                    | 33.2                | 27.5             | -108.33                     | 2,145.4                | 474.5           | 540.5                        | 472.8                         | 67.67                | 7.987              |          |
| 13,200.0                                                                     | 11,180.0                    | 13,461.1                    | 11,350.0                    | 33.6                | 28.0             | -108.33                     | 2,245.4                | 474.1           | 540.5                        | 471.8                         | 68.67                | 7.870              |          |
| 13,300.0                                                                     | 11,180.0                    | 13,561.1                    | 11,350.0                    | 33.9                | 28.4             | -108.33                     | 2,345.4                | 473.7           | 540.5                        | 470.8                         | 69.70                | 7.754              |          |
| 13,400.0                                                                     | 11,180.0                    | 13,661.1                    | 11,350.0                    | 34.3                | 28.9             | -108.33                     | 2,445.4                | 473.3           | 540.5                        | 469.7                         | 70.74                | 7.640              |          |
| 13,500.0                                                                     | 11,180.0                    | 13,761.1                    | 11,350.0                    | 34.7                | 29.4             | -108.33                     | 2,545.4                | 472.9           | 540.5                        | 468.7                         | 71.80                | 7.527              |          |
| 13,600.0                                                                     | 11,180.0                    | 13,861.1                    | 11,350.0                    | 35.1                | 29.9             | -108.33                     | 2,645.4                | 472.5           | 540.5                        | 467.6                         | 72.87                | 7.416              |          |
| 13,700.0                                                                     | 11,180.0                    | 13,961.1                    | 11,350.0                    | 35.6                | 30.4             | -108.33                     | 2,745.4                | 472.1           | 540.5                        | 466.5                         | 73.97                | 7.307              |          |
| 13,800.0                                                                     | 11,180.0                    | 14,061.1                    | 11,350.0                    | 36.0                | 30.9             | -108.33                     | 2,845.4                | 471.7           | 540.5                        | 465.4                         | 75.07                | 7.199              |          |
| 13,900.0                                                                     | 11,180.0                    | 14,161.1                    | 11,350.0                    | 36.5                | 31.5             | -108.33                     | 2,945.4                | 471.3           | 540.5                        | 464.3                         | 76.19                | 7.093              |          |
| 14,000.0                                                                     | 11,180.0                    | 14,261.1                    | 11,350.0                    | 36.9                | 32.0             | -108.33                     | 3,045.4                | 470.9           | 540.5                        | 463.1                         | 77.33                | 6.989              |          |
| 14,100.0                                                                     | 11,180.0                    | 14,361.1                    | 11,350.0                    | 37.4                | 32.6             | -108.33                     | 3,145.4                | 470.5           | 540.5                        | 462.0                         | 78.47                | 6.887              |          |
| 14,200.0                                                                     | 11,180.0                    | 14,461.1                    | 11,350.0                    | 37.9                | 33.1             | -108.33                     | 3,245.4                | 470.1           | 540.5                        | 460.8                         | 79.63                | 6.787              |          |
| 14,300.0                                                                     | 11,180.0                    | 14,561.1                    | 11,350.0                    | 38.4                | 33.7             | -108.33                     | 3,345.4                | 469.7           | 540.5                        | 459.7                         | 80.80                | 6.689              |          |
| 14,400.0                                                                     | 11,180.0                    | 14,661.1                    | 11,350.0                    | 38.9                | 34.3             | -108.33                     | 3,445.4                | 469.3           | 540.5                        | 458.5                         | 81.99                | 6.592              |          |
| 14,500.0                                                                     | 11,180.0                    | 14,761.1                    | 11,350.0                    | 39.4                | 34.9             | -108.33                     | 3,545.4                | 468.9           | 540.5                        | 457.3                         | 83.18                | 6.497              |          |
| 14,600.0                                                                     | 11,180.0                    | 14,861.1                    | 11,350.0                    | 39.9                | 35.5             | -108.33                     | 3,645.4                | 468.5           | 540.5                        | 456.1                         | 84.38                | 6.405              |          |
| 14,700.0                                                                     | 11,180.0                    | 14,961.1                    | 11,350.0                    | 40.4                | 36.1             | -108.33                     | 3,745.4                | 468.1           | 540.5                        | 454.9                         | 85.60                | 6.314              |          |
| 14,800.0                                                                     | 11,180.0                    | 15,061.1                    | 11,350.0                    | 40.9                | 36.7             | -108.33                     | 3,845.4                | 467.7           | 540.5                        | 453.6                         | 86.82                | 6.225              |          |
| 14,900.0                                                                     | 11,180.0                    | 15,161.1                    | 11,350.0                    | 41.5                | 37.3             | -108.33                     | 3,945.4                | 467.3           | 540.5                        | 452.4                         | 88.05                | 6.138              |          |
| 15,000.0                                                                     | 11,180.0                    | 15,261.1                    | 11,350.0                    | 42.0                | 37.9             | -108.33                     | 4,045.4                | 466.9           | 540.5                        | 451.2                         | 89.30                | 6.052              |          |
| 15,100.0                                                                     | 11,180.0                    | 15,361.1                    | 11,350.0                    | 42.6                | 38.5             | -108.33                     | 4,145.4                | 466.5           | 540.5                        | 449.9                         | 90.55                | 5.969              |          |
| 15,200.0                                                                     | 11,180.0                    | 15,461.1                    | 11,350.0                    | 43.2                | 39.1             | -108.33                     | 4,245.4                | 466.1           | 540.5                        | 448.6                         | 91.80                | 5.887              |          |
| 15,300.0                                                                     | 11,180.0                    | 15,561.1                    | 11,350.0                    | 43.7                | 39.8             | -108.33                     | 4,345.4                | 465.7           | 540.5                        | 447.4                         | 93.07                | 5.807              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #707H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 15,400.0                                                                     | 11,180.0                    | 15,661.1                    | 11,350.0                    | 44.3                | 40.4             | -108.33                     | 4,445.4                | 465.3           | 540.5                        | 446.1                         | 94.34                | 5.729              |          |
| 15,500.0                                                                     | 11,180.0                    | 15,761.1                    | 11,350.0                    | 44.9                | 41.0             | -108.33                     | 4,545.4                | 464.9           | 540.5                        | 444.8                         | 95.62                | 5.652              |          |
| 15,600.0                                                                     | 11,180.0                    | 15,861.1                    | 11,350.0                    | 45.5                | 41.7             | -108.33                     | 4,645.4                | 464.5           | 540.5                        | 443.5                         | 96.91                | 5.577              |          |
| 15,700.0                                                                     | 11,180.0                    | 15,961.1                    | 11,350.0                    | 46.1                | 42.3             | -108.33                     | 4,745.4                | 464.1           | 540.5                        | 442.2                         | 98.20                | 5.503              |          |
| 15,800.0                                                                     | 11,180.0                    | 16,061.1                    | 11,350.0                    | 46.6                | 43.0             | -108.33                     | 4,845.4                | 463.7           | 540.5                        | 440.9                         | 99.50                | 5.431              |          |
| 15,900.0                                                                     | 11,180.0                    | 16,161.1                    | 11,350.0                    | 47.3                | 43.6             | -108.33                     | 4,945.4                | 463.3           | 540.4                        | 439.6                         | 100.81               | 5.361              |          |
| 16,000.0                                                                     | 11,180.0                    | 16,261.1                    | 11,350.0                    | 47.9                | 44.3             | -108.33                     | 5,045.4                | 462.9           | 540.4                        | 438.3                         | 102.12               | 5.292              |          |
| 16,100.0                                                                     | 11,180.0                    | 16,361.1                    | 11,350.0                    | 48.5                | 45.0             | -108.33                     | 5,145.4                | 462.5           | 540.4                        | 437.0                         | 103.44               | 5.225              |          |
| 16,200.0                                                                     | 11,180.0                    | 16,461.1                    | 11,350.0                    | 49.1                | 45.6             | -108.33                     | 5,245.4                | 462.1           | 540.4                        | 435.7                         | 104.76               | 5.159              |          |
| 16,300.0                                                                     | 11,180.0                    | 16,561.1                    | 11,350.0                    | 49.7                | 46.3             | -108.33                     | 5,345.4                | 461.7           | 540.4                        | 434.4                         | 106.09               | 5.094              |          |
| 16,400.0                                                                     | 11,180.0                    | 16,661.1                    | 11,350.0                    | 50.3                | 47.0             | -108.33                     | 5,445.4                | 461.3           | 540.4                        | 433.0                         | 107.42               | 5.031              |          |
| 16,500.0                                                                     | 11,180.0                    | 16,761.1                    | 11,350.0                    | 51.0                | 47.6             | -108.33                     | 5,545.4                | 460.9           | 540.4                        | 431.7                         | 108.76               | 4.969              |          |
| 16,600.0                                                                     | 11,180.0                    | 16,861.1                    | 11,350.0                    | 51.6                | 48.3             | -108.33                     | 5,645.4                | 460.5           | 540.4                        | 430.3                         | 110.10               | 4.909              |          |
| 16,700.0                                                                     | 11,180.0                    | 16,961.1                    | 11,350.0                    | 52.2                | 49.0             | -108.33                     | 5,745.4                | 460.1           | 540.4                        | 429.0                         | 111.45               | 4.849              |          |
| 16,800.0                                                                     | 11,180.0                    | 17,061.1                    | 11,350.0                    | 52.9                | 49.7             | -108.33                     | 5,845.4                | 459.7           | 540.4                        | 427.6                         | 112.80               | 4.791              |          |
| 16,900.0                                                                     | 11,180.0                    | 17,161.1                    | 11,350.0                    | 53.5                | 50.4             | -108.33                     | 5,945.4                | 459.3           | 540.4                        | 426.3                         | 114.16               | 4.734              |          |
| 17,000.0                                                                     | 11,180.0                    | 17,261.1                    | 11,350.0                    | 54.2                | 51.1             | -108.33                     | 6,045.4                | 458.9           | 540.4                        | 424.9                         | 115.52               | 4.678              |          |
| 17,100.0                                                                     | 11,180.0                    | 17,361.1                    | 11,350.0                    | 54.8                | 51.7             | -108.33                     | 6,145.4                | 458.5           | 540.4                        | 423.6                         | 116.88               | 4.624              |          |
| 17,200.0                                                                     | 11,180.0                    | 17,461.1                    | 11,350.0                    | 55.5                | 52.4             | -108.33                     | 6,245.4                | 458.1           | 540.4                        | 422.2                         | 118.25               | 4.570              |          |
| 17,300.0                                                                     | 11,180.0                    | 17,561.1                    | 11,350.0                    | 56.1                | 53.1             | -108.33                     | 6,345.4                | 457.7           | 540.4                        | 420.8                         | 119.62               | 4.518              |          |
| 17,400.0                                                                     | 11,180.0                    | 17,661.1                    | 11,350.0                    | 56.8                | 53.8             | -108.33                     | 6,445.4                | 457.3           | 540.4                        | 419.5                         | 120.99               | 4.467              |          |
| 17,500.0                                                                     | 11,180.0                    | 17,761.1                    | 11,350.0                    | 57.4                | 54.5             | -108.33                     | 6,545.4                | 456.9           | 540.4                        | 418.1                         | 122.37               | 4.416              |          |
| 17,600.0                                                                     | 11,180.0                    | 17,861.1                    | 11,350.0                    | 58.1                | 55.2             | -108.33                     | 6,645.4                | 456.5           | 540.4                        | 416.7                         | 123.75               | 4.367              |          |
| 17,700.0                                                                     | 11,180.0                    | 17,961.1                    | 11,350.0                    | 58.8                | 55.9             | -108.33                     | 6,745.4                | 456.1           | 540.4                        | 415.3                         | 125.14               | 4.319              |          |
| 17,800.0                                                                     | 11,180.0                    | 18,061.1                    | 11,350.0                    | 59.4                | 56.6             | -108.33                     | 6,845.4                | 455.7           | 540.4                        | 413.9                         | 126.52               | 4.272              |          |
| 17,900.0                                                                     | 11,180.0                    | 18,161.1                    | 11,350.0                    | 60.1                | 57.3             | -108.33                     | 6,945.4                | 455.3           | 540.4                        | 412.5                         | 127.91               | 4.225              |          |
| 18,000.0                                                                     | 11,180.0                    | 18,261.1                    | 11,350.0                    | 60.8                | 58.0             | -108.33                     | 7,045.4                | 454.9           | 540.4                        | 411.1                         | 129.31               | 4.180              |          |
| 18,100.0                                                                     | 11,180.0                    | 18,361.1                    | 11,350.0                    | 61.4                | 58.7             | -108.33                     | 7,145.4                | 454.5           | 540.4                        | 409.7                         | 130.70               | 4.135              |          |
| 18,200.0                                                                     | 11,180.0                    | 18,461.1                    | 11,350.0                    | 62.1                | 59.5             | -108.33                     | 7,245.4                | 454.1           | 540.4                        | 408.3                         | 132.10               | 4.091              |          |
| 18,300.0                                                                     | 11,180.0                    | 18,561.1                    | 11,350.0                    | 62.8                | 60.2             | -108.33                     | 7,345.4                | 453.7           | 540.4                        | 406.9                         | 133.50               | 4.048              |          |
| 18,400.0                                                                     | 11,180.0                    | 18,661.1                    | 11,350.0                    | 63.5                | 60.9             | -108.33                     | 7,445.4                | 453.3           | 540.4                        | 405.5                         | 134.90               | 4.006              |          |
| 18,500.0                                                                     | 11,180.0                    | 18,761.1                    | 11,350.0                    | 64.2                | 61.6             | -108.33                     | 7,545.4                | 452.9           | 540.4                        | 404.1                         | 136.31               | 3.965              |          |
| 18,600.0                                                                     | 11,180.0                    | 18,861.1                    | 11,350.0                    | 64.8                | 62.3             | -108.33                     | 7,645.4                | 452.5           | 540.4                        | 402.7                         | 137.72               | 3.924              |          |
| 18,700.0                                                                     | 11,180.0                    | 18,961.1                    | 11,350.0                    | 65.5                | 63.0             | -108.33                     | 7,745.4                | 452.1           | 540.4                        | 401.3                         | 139.13               | 3.884              |          |
| 18,800.0                                                                     | 11,180.0                    | 19,061.1                    | 11,350.0                    | 66.2                | 63.7             | -108.33                     | 7,845.4                | 451.7           | 540.4                        | 399.9                         | 140.54               | 3.845              |          |
| 18,900.0                                                                     | 11,180.0                    | 19,161.1                    | 11,350.0                    | 66.9                | 64.5             | -108.33                     | 7,945.4                | 451.3           | 540.4                        | 398.5                         | 141.96               | 3.807              |          |
| 19,000.0                                                                     | 11,180.0                    | 19,261.1                    | 11,350.0                    | 67.6                | 65.2             | -108.33                     | 8,045.4                | 450.9           | 540.4                        | 397.1                         | 143.37               | 3.769              |          |
| 19,100.0                                                                     | 11,180.0                    | 19,361.1                    | 11,350.0                    | 68.3                | 65.9             | -108.33                     | 8,145.4                | 450.5           | 540.4                        | 395.6                         | 144.79               | 3.733              |          |
| 19,200.0                                                                     | 11,180.0                    | 19,461.1                    | 11,350.0                    | 69.0                | 66.6             | -108.33                     | 8,245.4                | 450.1           | 540.4                        | 394.2                         | 146.21               | 3.696              |          |
| 19,300.0                                                                     | 11,180.0                    | 19,561.1                    | 11,350.0                    | 69.7                | 67.3             | -108.33                     | 8,345.4                | 449.7           | 540.4                        | 392.8                         | 147.64               | 3.661              |          |
| 19,400.0                                                                     | 11,180.0                    | 19,661.1                    | 11,350.0                    | 70.4                | 68.1             | -108.33                     | 8,445.4                | 449.3           | 540.4                        | 391.4                         | 149.06               | 3.626              |          |
| 19,500.0                                                                     | 11,180.0                    | 19,761.1                    | 11,350.0                    | 71.1                | 68.8             | -108.33                     | 8,545.4                | 448.9           | 540.4                        | 390.0                         | 150.49               | 3.591              |          |
| 19,600.0                                                                     | 11,180.0                    | 19,861.1                    | 11,350.0                    | 71.8                | 69.5             | -108.33                     | 8,645.4                | 448.5           | 540.4                        | 388.5                         | 151.92               | 3.557              |          |
| 19,700.0                                                                     | 11,180.0                    | 19,961.1                    | 11,350.0                    | 72.5                | 70.2             | -108.33                     | 8,745.4                | 448.1           | 540.4                        | 387.1                         | 153.35               | 3.524              |          |
| 19,800.0                                                                     | 11,180.0                    | 20,061.1                    | 11,350.0                    | 73.2                | 71.0             | -108.33                     | 8,845.4                | 447.7           | 540.4                        | 385.7                         | 154.78               | 3.492              |          |
| 19,900.0                                                                     | 11,180.0                    | 20,161.1                    | 11,350.0                    | 73.9                | 71.7             | -108.33                     | 8,945.4                | 447.3           | 540.4                        | 384.2                         | 156.21               | 3.460              |          |
| 20,000.0                                                                     | 11,180.0                    | 20,261.1                    | 11,350.0                    | 74.6                | 72.4             | -108.33                     | 9,045.4                | 446.9           | 540.4                        | 382.8                         | 157.65               | 3.428              |          |
| 20,100.0                                                                     | 11,180.0                    | 20,361.1                    | 11,350.0                    | 75.3                | 73.1             | -108.33                     | 9,145.4                | 446.5           | 540.4                        | 381.4                         | 159.08               | 3.397              |          |
| 20,200.0                                                                     | 11,180.0                    | 20,461.1                    | 11,350.0                    | 76.0                | 73.9             | -108.33                     | 9,245.4                | 446.1           | 540.4                        | 379.9                         | 160.52               | 3.367              |          |
| 20,300.0                                                                     | 11,180.0                    | 20,561.1                    | 11,350.0                    | 76.7                | 74.6             | -108.33                     | 9,345.4                | 445.7           | 540.4                        | 378.5                         | 161.96               | 3.337              |          |
| 20,400.0                                                                     | 11,180.0                    | 20,661.1                    | 11,350.0                    | 77.4                | 75.3             | -108.33                     | 9,445.4                | 445.3           | 540.4                        | 377.0                         | 163.40               | 3.307              |          |
| 20,500.0                                                                     | 11,180.0                    | 20,761.1                    | 11,350.0                    | 78.1                | 76.1             | -108.33                     | 9,545.4                | 444.9           | 540.4                        | 375.6                         | 164.84               | 3.279              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          |                           |          |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #707H - OWB - PWP0 |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                    |                                  | <b>Offset</b>                    |                                  | <b>Semi Major Axis</b>      |                          | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>Separation Factor</b> | <b>Warning</b>            |          |
| <b>Measured Depth<br/>(usft)</b>                                                    | <b>Vertical Depth<br/>(usft)</b> | <b>Measured Depth<br/>(usft)</b> | <b>Vertical Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                  | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between Centres<br/>(usft)</b> | <b>Between Ellipses<br/>(usft)</b> |                          |                           |          |
| 20,600.0                                                                            | 11,180.0                         | 20,861.1                         | 11,350.0                         | 78.8                        | 76.8                     | -108.33                          | 9,645.4                       | 444.5                   | 540.4                             | 374.2                              | 166.28                   | 3.250                     |          |
| 20,700.0                                                                            | 11,180.0                         | 20,961.1                         | 11,350.0                         | 79.6                        | 77.5                     | -108.33                          | 9,745.4                       | 444.1                   | 540.4                             | 372.7                              | 167.73                   | 3.222                     |          |
| 20,800.0                                                                            | 11,180.0                         | 21,061.1                         | 11,350.0                         | 80.3                        | 78.3                     | -108.33                          | 9,845.4                       | 443.7                   | 540.4                             | 371.3                              | 169.18                   | 3.195                     |          |
| 20,900.0                                                                            | 11,180.0                         | 21,161.1                         | 11,350.0                         | 81.0                        | 79.0                     | -108.33                          | 9,945.4                       | 443.3                   | 540.4                             | 369.8                              | 170.62                   | 3.167                     |          |
| 21,000.0                                                                            | 11,180.0                         | 21,261.1                         | 11,350.0                         | 81.7                        | 79.7                     | -108.33                          | 10,045.4                      | 442.9                   | 540.4                             | 368.4                              | 172.07                   | 3.141                     |          |
| 21,100.0                                                                            | 11,180.0                         | 21,361.1                         | 11,350.0                         | 82.4                        | 80.5                     | -108.33                          | 10,145.4                      | 442.5                   | 540.4                             | 366.9                              | 173.52                   | 3.115                     |          |
| 21,200.0                                                                            | 11,180.0                         | 21,461.1                         | 11,350.0                         | 83.1                        | 81.2                     | -108.33                          | 10,245.4                      | 442.1                   | 540.4                             | 365.5                              | 174.97                   | 3.089                     |          |
| 21,300.0                                                                            | 11,180.0                         | 21,561.1                         | 11,350.0                         | 83.9                        | 81.9                     | -108.33                          | 10,345.4                      | 441.7                   | 540.4                             | 364.0                              | 176.42                   | 3.063                     |          |
| 21,400.0                                                                            | 11,180.0                         | 21,661.1                         | 11,350.0                         | 84.6                        | 82.7                     | -108.33                          | 10,445.4                      | 441.3                   | 540.4                             | 362.6                              | 177.88                   | 3.038                     |          |
| 21,500.0                                                                            | 11,180.0                         | 21,761.1                         | 11,350.0                         | 85.3                        | 83.4                     | -108.33                          | 10,545.3                      | 440.9                   | 540.4                             | 361.1                              | 179.33                   | 3.014                     |          |
| 21,600.0                                                                            | 11,180.0                         | 21,861.1                         | 11,350.0                         | 86.0                        | 84.2                     | -108.33                          | 10,645.3                      | 440.5                   | 540.4                             | 359.7                              | 180.78                   | 2.989                     |          |
| 21,700.0                                                                            | 11,180.0                         | 21,961.1                         | 11,350.0                         | 86.7                        | 84.9                     | -108.33                          | 10,745.3                      | 440.1                   | 540.4                             | 358.2                              | 182.24                   | 2.966                     |          |
| 21,800.0                                                                            | 11,180.0                         | 22,061.1                         | 11,350.0                         | 87.5                        | 85.6                     | -108.33                          | 10,845.3                      | 439.7                   | 540.4                             | 356.7                              | 183.70                   | 2.942                     |          |
| 21,900.0                                                                            | 11,180.0                         | 22,161.1                         | 11,350.0                         | 88.2                        | 86.4                     | -108.33                          | 10,945.3                      | 439.3                   | 540.4                             | 355.3                              | 185.15                   | 2.919                     |          |
| 22,000.0                                                                            | 11,180.0                         | 22,261.1                         | 11,350.0                         | 88.9                        | 87.1                     | -108.33                          | 11,045.3                      | 438.9                   | 540.4                             | 353.8                              | 186.61                   | 2.896                     |          |
| 22,100.0                                                                            | 11,180.0                         | 22,361.1                         | 11,350.0                         | 89.6                        | 87.9                     | -108.33                          | 11,145.3                      | 438.5                   | 540.4                             | 352.4                              | 188.07                   | 2.874                     |          |
| 22,200.0                                                                            | 11,180.0                         | 22,461.1                         | 11,350.0                         | 90.4                        | 88.6                     | -108.33                          | 11,245.3                      | 438.1                   | 540.4                             | 350.9                              | 189.53                   | 2.851                     |          |
| 22,300.0                                                                            | 11,180.0                         | 22,561.1                         | 11,350.0                         | 91.1                        | 89.3                     | -108.33                          | 11,345.3                      | 437.7                   | 540.4                             | 349.4                              | 190.99                   | 2.830                     |          |
| 22,400.0                                                                            | 11,180.0                         | 22,661.1                         | 11,350.0                         | 91.8                        | 90.1                     | -108.33                          | 11,445.3                      | 437.3                   | 540.4                             | 348.0                              | 192.46                   | 2.808                     |          |
| 22,500.0                                                                            | 11,180.0                         | 22,761.1                         | 11,350.0                         | 92.5                        | 90.8                     | -108.33                          | 11,545.3                      | 436.9                   | 540.4                             | 346.5                              | 193.92                   | 2.787                     |          |
| 22,600.0                                                                            | 11,180.0                         | 22,861.1                         | 11,350.0                         | 93.3                        | 91.6                     | -108.33                          | 11,645.3                      | 436.6                   | 540.4                             | 345.0                              | 195.38                   | 2.766                     |          |
| 22,700.0                                                                            | 11,180.0                         | 22,961.1                         | 11,350.0                         | 94.0                        | 92.3                     | -108.33                          | 11,745.3                      | 436.2                   | 540.4                             | 343.6                              | 196.85                   | 2.745                     |          |
| 22,800.0                                                                            | 11,180.0                         | 23,061.1                         | 11,350.0                         | 94.7                        | 93.1                     | -108.33                          | 11,845.3                      | 435.8                   | 540.4                             | 342.1                              | 198.31                   | 2.725                     |          |
| 22,900.0                                                                            | 11,180.0                         | 23,161.1                         | 11,350.0                         | 95.4                        | 93.8                     | -108.33                          | 11,945.3                      | 435.4                   | 540.4                             | 340.7                              | 199.78                   | 2.705                     |          |
| 23,000.0                                                                            | 11,180.0                         | 23,261.1                         | 11,350.0                         | 96.2                        | 94.5                     | -108.33                          | 12,045.3                      | 435.0                   | 540.4                             | 339.2                              | 201.25                   | 2.685                     |          |
| 23,100.0                                                                            | 11,180.0                         | 23,361.1                         | 11,350.0                         | 96.9                        | 95.3                     | -108.33                          | 12,145.3                      | 434.6                   | 540.4                             | 337.7                              | 202.71                   | 2.666                     |          |
| 23,200.0                                                                            | 11,180.0                         | 23,461.1                         | 11,350.0                         | 97.6                        | 96.0                     | -108.33                          | 12,245.3                      | 434.2                   | 540.4                             | 336.2                              | 204.18                   | 2.647                     |          |
| 23,300.0                                                                            | 11,180.0                         | 23,561.1                         | 11,350.0                         | 98.4                        | 96.8                     | -108.33                          | 12,345.3                      | 433.8                   | 540.4                             | 334.8                              | 205.65                   | 2.628                     |          |
| 23,400.0                                                                            | 11,180.0                         | 23,661.1                         | 11,350.0                         | 99.1                        | 97.5                     | -108.33                          | 12,445.3                      | 433.4                   | 540.4                             | 333.3                              | 207.12                   | 2.609                     |          |
| 23,500.0                                                                            | 11,180.0                         | 23,761.1                         | 11,350.0                         | 99.8                        | 98.3                     | -108.33                          | 12,545.3                      | 433.0                   | 540.4                             | 331.8                              | 208.59                   | 2.591                     |          |
| 23,600.0                                                                            | 11,180.0                         | 23,861.1                         | 11,350.0                         | 100.6                       | 99.0                     | -108.33                          | 12,645.3                      | 432.6                   | 540.4                             | 330.4                              | 210.06                   | 2.573                     |          |
| 23,700.0                                                                            | 11,180.0                         | 23,961.1                         | 11,350.0                         | 101.3                       | 99.8                     | -108.33                          | 12,745.3                      | 432.2                   | 540.4                             | 328.9                              | 211.54                   | 2.555                     |          |
| 23,800.0                                                                            | 11,180.0                         | 24,061.1                         | 11,350.0                         | 102.0                       | 100.5                    | -108.33                          | 12,845.3                      | 431.8                   | 540.4                             | 327.4                              | 213.01                   | 2.537                     |          |
| 23,900.0                                                                            | 11,180.0                         | 24,161.1                         | 11,350.0                         | 102.8                       | 101.3                    | -108.33                          | 12,945.3                      | 431.4                   | 540.4                             | 325.9                              | 214.48                   | 2.520                     |          |
| 24,000.0                                                                            | 11,180.0                         | 24,261.1                         | 11,350.0                         | 103.5                       | 102.0                    | -108.33                          | 13,045.3                      | 431.0                   | 540.4                             | 324.5                              | 215.95                   | 2.503                     |          |
| 24,100.0                                                                            | 11,180.0                         | 24,361.1                         | 11,350.0                         | 104.2                       | 102.8                    | -108.33                          | 13,145.3                      | 430.6                   | 540.4                             | 323.0                              | 217.43                   | 2.486                     |          |
| 24,200.0                                                                            | 11,180.0                         | 24,461.1                         | 11,350.0                         | 105.0                       | 103.5                    | -108.33                          | 13,245.3                      | 430.2                   | 540.4                             | 321.5                              | 218.90                   | 2.469                     |          |
| 24,300.0                                                                            | 11,180.0                         | 24,561.1                         | 11,350.0                         | 105.7                       | 104.2                    | -108.33                          | 13,345.3                      | 429.8                   | 540.4                             | 320.1                              | 220.38                   | 2.452                     |          |
| 24,400.0                                                                            | 11,180.0                         | 24,661.1                         | 11,350.0                         | 106.5                       | 105.0                    | -108.33                          | 13,445.3                      | 429.4                   | 540.4                             | 318.6                              | 221.85                   | 2.436                     |          |
| 24,486.5                                                                            | 11,180.0                         | 24,747.6                         | 11,350.0                         | 107.1                       | 105.6                    | -108.33                          | 13,531.8                      | 429.0                   | 540.4                             | 317.3                              | 223.13                   | 2.422                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #709H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |          |
| 0.0                                                                          | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 23.6                          | 6.43                            | 4.666                |                    |          |
| 100.0                                                                        | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 23.1                          | 6.89                            | 4.353                |                    |          |
| 200.0                                                                        | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 22.7                          | 7.33                            | 4.094                |                    |          |
| 300.0                                                                        | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 22.3                          | 7.74                            | 3.875                |                    |          |
| 400.0                                                                        | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 21.9                          | 8.14                            | 3.688                |                    |          |
| 500.0                                                                        | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 21.5                          | 8.51                            | 3.524                |                    |          |
| 600.0                                                                        | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 21.1                          | 8.88                            | 3.379                |                    |          |
| 700.0                                                                        | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 20.8                          | 9.23                            | 3.250                |                    |          |
| 800.0                                                                        | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 20.4                          | 9.57                            | 3.135                |                    |          |
| 900.0                                                                        | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 20.1                          | 9.90                            | 3.030                |                    |          |
| 1,000.0                                                                      | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 19.8                          | 10.22                           | 2.934                |                    |          |
| 1,100.0                                                                      | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 19.5                          | 10.54                           | 2.846                |                    |          |
| 1,200.0                                                                      | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 19.2                          | 10.85                           | 2.766                |                    |          |
| 1,300.0                                                                      | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 18.9                          | 11.15                           | 2.691                |                    |          |
| 1,400.0                                                                      | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 18.6                          | 11.44                           | 2.621                |                    |          |
| 1,500.0                                                                      | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 18.3                          | 11.73                           | 2.557                |                    |          |
| 1,600.0                                                                      | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 18.0                          | 12.02                           | 2.496                |                    |          |
| 1,700.0                                                                      | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 17.7                          | 12.30                           | 2.439                |                    |          |
| 1,800.0                                                                      | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 17.4                          | 12.58                           | 2.386                |                    |          |
| 1,900.0                                                                      | 1,900.0                     | 1,900.0                     | 1,900.0                     | 6.3                 | 6.3              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 17.2                          | 12.85                           | 2.335                |                    |          |
| 2,000.0                                                                      | 2,000.0                     | 2,000.0                     | 2,000.0                     | 6.4                 | 6.4              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 16.9                          | 13.12                           | 2.287                |                    |          |
| 2,100.0                                                                      | 2,100.0                     | 2,100.0                     | 2,100.0                     | 6.5                 | 6.5              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 16.6                          | 13.38                           | 2.242                |                    |          |
| 2,200.0                                                                      | 2,200.0                     | 2,200.0                     | 2,200.0                     | 6.7                 | 6.7              | 90.00                       | 0.0                    | 30.0            | 30.0                         | 16.4                          | 13.64                           | 2.199                | CC, ES, SF         |          |
| 2,300.0                                                                      | 2,300.0                     | 2,299.2                     | 2,299.2                     | 6.8                 | 6.8              | 90.00                       | 0.0                    | 31.3            | 31.3                         | 17.4                          | 13.91                           | 2.249                |                    |          |
| 2,400.0                                                                      | 2,400.0                     | 2,398.3                     | 2,398.2                     | 6.9                 | 7.0              | 90.00                       | 0.0                    | 35.1            | 35.2                         | 21.0                          | 14.18                           | 2.482                |                    |          |
| 2,500.0                                                                      | 2,500.0                     | 2,497.1                     | 2,496.8                     | 7.0                 | 7.1              | 90.00                       | 0.0                    | 41.5            | 41.7                         | 27.2                          | 14.45                           | 2.884                |                    |          |
| 2,600.0                                                                      | 2,600.0                     | 2,595.6                     | 2,594.9                     | 7.2                 | 7.3              | 30.69                       | 0.0                    | 50.5            | 49.6                         | 34.9                          | 14.74                           | 3.365                |                    |          |
| 2,700.0                                                                      | 2,699.9                     | 2,693.8                     | 2,692.5                     | 7.3                 | 7.5              | 32.44                       | 0.0                    | 61.9            | 57.9                         | 42.8                          | 15.05                           | 3.847                |                    |          |
| 2,800.0                                                                      | 2,799.7                     | 2,791.8                     | 2,789.5                     | 7.5                 | 7.7              | 34.81                       | 0.0                    | 75.8            | 66.6                         | 51.2                          | 15.37                           | 4.334                |                    |          |
| 2,900.0                                                                      | 2,899.3                     | 2,889.5                     | 2,885.8                     | 7.7                 | 8.0              | 37.54                       | 0.0                    | 92.1            | 75.9                         | 60.2                          | 15.71                           | 4.830                |                    |          |
| 3,000.0                                                                      | 2,998.6                     | 2,986.9                     | 2,981.3                     | 7.9                 | 8.2              | 40.45                       | 0.0                    | 110.8           | 85.8                         | 69.7                          | 16.07                           | 5.341                |                    |          |
| 3,100.0                                                                      | 3,097.6                     | 3,083.9                     | 3,076.0                     | 8.1                 | 8.5              | 43.26                       | 0.0                    | 131.8           | 96.9                         | 80.5                          | 16.38                           | 5.918                |                    |          |
| 3,200.0                                                                      | 3,196.6                     | 3,181.7                     | 3,171.0                     | 8.3                 | 8.7              | 45.27                       | 0.0                    | 155.2           | 110.2                        | 93.5                          | 16.73                           | 6.589                |                    |          |
| 3,300.0                                                                      | 3,295.7                     | 3,280.7                     | 3,267.1                     | 8.5                 | 9.0              | 44.72                       | 0.0                    | 179.1           | 123.9                        | 106.8                         | 17.14                           | 7.230                |                    |          |
| 3,400.0                                                                      | 3,394.5                     | 3,380.0                     | 3,363.4                     | 8.8                 | 9.4              | 34.72                       | 0.0                    | 203.1           | 135.5                        | 117.9                         | 17.66                           | 7.676                |                    |          |
| 3,500.0                                                                      | 3,493.0                     | 3,479.6                     | 3,460.1                     | 9.0                 | 9.7              | 26.73                       | 0.0                    | 227.2           | 143.9                        | 125.7                         | 18.20                           | 7.904                |                    |          |
| 3,600.0                                                                      | 3,591.1                     | 3,579.5                     | 3,557.0                     | 9.3                 | 10.0             | 20.74                       | 0.0                    | 251.4           | 148.8                        | 130.1                         | 18.77                           | 7.928                |                    |          |
| 3,700.0                                                                      | 3,688.9                     | 3,679.4                     | 3,654.0                     | 9.7                 | 10.4             | 20.57                       | 0.0                    | 275.6           | 152.4                        | 132.9                         | 19.45                           | 7.834                |                    |          |
| 3,800.0                                                                      | 3,786.7                     | 3,779.4                     | 3,750.9                     | 9.9                 | 10.7             | 20.42                       | 0.0                    | 299.8           | 155.9                        | 135.9                         | 20.08                           | 7.764                |                    |          |
| 3,900.0                                                                      | 3,884.5                     | 3,879.3                     | 3,847.9                     | 10.3                | 11.1             | 20.26                       | 0.0                    | 323.9           | 159.5                        | 138.8                         | 20.74                           | 7.690                |                    |          |
| 4,000.0                                                                      | 3,982.3                     | 3,979.3                     | 3,944.9                     | 10.6                | 11.5             | 20.12                       | 0.0                    | 348.1           | 163.0                        | 141.6                         | 21.42                           | 7.612                |                    |          |
| 4,100.0                                                                      | 4,080.2                     | 4,079.2                     | 4,041.8                     | 10.9                | 11.9             | 19.98                       | 0.0                    | 372.3           | 166.6                        | 144.5                         | 22.12                           | 7.532                |                    |          |
| 4,200.0                                                                      | 4,178.0                     | 4,179.1                     | 4,138.8                     | 11.2                | 12.3             | 19.85                       | 0.0                    | 396.5           | 170.2                        | 147.3                         | 22.84                           | 7.451                |                    |          |
| 4,300.0                                                                      | 4,275.8                     | 4,279.1                     | 4,235.8                     | 11.6                | 12.7             | 19.72                       | 0.0                    | 420.6           | 173.7                        | 150.1                         | 23.57                           | 7.370                |                    |          |
| 4,400.0                                                                      | 4,373.6                     | 4,379.0                     | 4,332.7                     | 12.0                | 13.1             | 19.60                       | 0.0                    | 444.8           | 177.3                        | 153.0                         | 24.32                           | 7.290                |                    |          |
| 4,500.0                                                                      | 4,471.4                     | 4,478.9                     | 4,429.7                     | 12.3                | 13.5             | 19.48                       | 0.0                    | 469.0           | 180.8                        | 155.7                         | 25.08                           | 7.210                |                    |          |
| 4,600.0                                                                      | 4,569.2                     | 4,578.9                     | 4,526.7                     | 12.7                | 14.0             | 19.37                       | 0.0                    | 493.2           | 184.4                        | 158.5                         | 25.85                           | 7.132                |                    |          |
| 4,700.0                                                                      | 4,667.0                     | 4,678.8                     | 4,623.6                     | 13.1                | 14.4             | 19.26                       | 0.0                    | 517.3           | 187.9                        | 161.3                         | 26.64                           | 7.055                |                    |          |
| 4,800.0                                                                      | 4,764.9                     | 4,778.7                     | 4,720.6                     | 13.5                | 14.8             | 19.16                       | 0.0                    | 541.5           | 191.5                        | 164.1                         | 27.44                           | 6.980                |                    |          |
| 4,900.0                                                                      | 4,862.7                     | 4,878.7                     | 4,817.6                     | 13.9                | 15.2             | 19.06                       | 0.0                    | 565.7           | 195.1                        | 166.8                         | 28.24                           | 6.907                |                    |          |
| 5,000.0                                                                      | 4,960.5                     | 4,978.6                     | 4,914.5                     | 14.3                | 15.7             | 18.96                       | 0.0                    | 589.9           | 198.6                        | 169.6                         | 29.06                           | 6.836                |                    |          |
| 5,100.0                                                                      | 5,058.3                     | 5,078.6                     | 5,011.5                     | 14.7                | 16.1             | 18.86                       | 0.0                    | 614.1           | 202.2                        | 172.3                         | 29.88                           | 6.767                |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #709H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |          |
| 5,200.0                                                                      | 5,156.1                     | 5,178.5                     | 5,108.5                     | 15.1                | 16.6             | 18.77                       | 0.0                    | 638.2           | 205.7                        | 175.0                         | 30.71                           | 6.700                |                    |          |
| 5,300.0                                                                      | 5,253.9                     | 5,278.4                     | 5,205.4                     | 15.5                | 17.0             | 18.69                       | 0.0                    | 662.4           | 209.3                        | 177.8                         | 31.55                           | 6.635                |                    |          |
| 5,400.0                                                                      | 5,351.8                     | 5,378.4                     | 5,302.4                     | 15.9                | 17.5             | 18.60                       | 0.0                    | 686.6           | 212.9                        | 180.5                         | 32.39                           | 6.573                |                    |          |
| 5,500.0                                                                      | 5,449.6                     | 5,478.3                     | 5,399.4                     | 16.3                | 17.9             | 18.52                       | 0.0                    | 710.8           | 216.4                        | 183.2                         | 33.24                           | 6.512                |                    |          |
| 5,600.0                                                                      | 5,547.4                     | 5,578.2                     | 5,496.3                     | 16.7                | 18.4             | 18.44                       | 0.0                    | 734.9           | 220.0                        | 185.9                         | 34.09                           | 6.453                |                    |          |
| 5,700.0                                                                      | 5,645.2                     | 5,678.2                     | 5,593.3                     | 17.2                | 18.8             | 18.36                       | 0.0                    | 759.1           | 223.6                        | 188.6                         | 34.95                           | 6.397                |                    |          |
| 5,800.0                                                                      | 5,743.0                     | 5,778.1                     | 5,690.3                     | 17.6                | 19.3             | 18.29                       | 0.0                    | 783.3           | 227.1                        | 191.3                         | 35.82                           | 6.342                |                    |          |
| 5,900.0                                                                      | 5,840.8                     | 5,878.0                     | 5,787.2                     | 18.0                | 19.7             | 18.22                       | 0.0                    | 807.5           | 230.7                        | 194.0                         | 36.68                           | 6.289                |                    |          |
| 6,000.0                                                                      | 5,938.6                     | 5,978.0                     | 5,884.2                     | 18.4                | 20.2             | 18.15                       | 0.0                    | 831.6           | 234.3                        | 196.7                         | 37.56                           | 6.238                |                    |          |
| 6,100.0                                                                      | 6,036.5                     | 6,077.9                     | 5,981.2                     | 18.9                | 20.7             | 18.08                       | 0.0                    | 855.8           | 237.8                        | 199.4                         | 38.43                           | 6.188                |                    |          |
| 6,200.0                                                                      | 6,134.3                     | 6,177.8                     | 6,078.2                     | 19.3                | 21.1             | 18.02                       | 0.0                    | 880.0           | 241.4                        | 202.1                         | 39.31                           | 6.141                |                    |          |
| 6,300.0                                                                      | 6,232.1                     | 6,277.8                     | 6,175.1                     | 19.7                | 21.6             | 17.95                       | 0.0                    | 904.2           | 245.0                        | 204.8                         | 40.19                           | 6.094                |                    |          |
| 6,400.0                                                                      | 6,329.9                     | 6,377.7                     | 6,272.1                     | 20.2                | 22.0             | 17.89                       | 0.0                    | 928.3           | 248.5                        | 207.4                         | 41.08                           | 6.050                |                    |          |
| 6,500.0                                                                      | 6,427.7                     | 6,477.7                     | 6,369.1                     | 20.6                | 22.5             | 17.83                       | 0.0                    | 952.5           | 252.1                        | 210.1                         | 41.97                           | 6.007                |                    |          |
| 6,600.0                                                                      | 6,525.5                     | 6,577.6                     | 6,466.0                     | 21.1                | 23.0             | 17.77                       | 0.0                    | 976.7           | 255.7                        | 212.8                         | 42.86                           | 5.965                |                    |          |
| 6,700.0                                                                      | 6,623.3                     | 6,677.5                     | 6,563.0                     | 21.5                | 23.4             | 17.72                       | 0.0                    | 1,000.9         | 259.2                        | 215.5                         | 43.75                           | 5.925                |                    |          |
| 6,800.0                                                                      | 6,721.2                     | 6,777.5                     | 6,660.0                     | 22.0                | 23.9             | 17.66                       | 0.0                    | 1,025.1         | 262.8                        | 218.1                         | 44.65                           | 5.886                |                    |          |
| 6,900.0                                                                      | 6,819.0                     | 6,877.4                     | 6,756.9                     | 22.4                | 24.4             | 17.61                       | 0.0                    | 1,049.2         | 266.4                        | 220.8                         | 45.55                           | 5.848                |                    |          |
| 7,000.0                                                                      | 6,916.8                     | 6,977.3                     | 6,853.9                     | 22.9                | 24.9             | 17.55                       | 0.0                    | 1,073.4         | 269.9                        | 223.5                         | 46.45                           | 5.811                |                    |          |
| 7,100.0                                                                      | 7,014.6                     | 7,077.3                     | 6,950.9                     | 23.3                | 25.3             | 17.50                       | 0.0                    | 1,097.6         | 273.5                        | 226.1                         | 47.35                           | 5.776                |                    |          |
| 7,200.0                                                                      | 7,112.4                     | 7,177.2                     | 7,047.8                     | 23.8                | 25.8             | 17.45                       | 0.0                    | 1,121.8         | 277.1                        | 228.8                         | 48.26                           | 5.741                |                    |          |
| 7,300.0                                                                      | 7,210.3                     | 7,277.1                     | 7,144.8                     | 24.2                | 26.3             | 17.39                       | 0.0                    | 1,145.9         | 281.0                        | 231.8                         | 49.15                           | 5.716                |                    |          |
| 7,400.0                                                                      | 7,308.5                     | 7,377.0                     | 7,241.7                     | 24.6                | 26.8             | 17.35                       | 0.0                    | 1,170.1         | 286.4                        | 236.3                         | 50.07                           | 5.719                |                    |          |
| 7,500.0                                                                      | 7,407.0                     | 7,476.7                     | 7,338.4                     | 25.1                | 27.2             | 17.01                       | 0.0                    | 1,194.2         | 293.5                        | 242.5                         | 51.01                           | 5.754                |                    |          |
| 7,600.0                                                                      | 7,505.8                     | 7,576.3                     | 7,435.1                     | 25.5                | 27.7             | 16.69                       | 0.0                    | 1,218.3         | 302.2                        | 250.3                         | 51.95                           | 5.818                |                    |          |
| 7,700.0                                                                      | 7,604.9                     | 7,675.7                     | 7,531.6                     | 25.9                | 28.2             | 16.31                       | 0.0                    | 1,242.4         | 312.7                        | 259.8                         | 52.90                           | 5.911                |                    |          |
| 7,800.0                                                                      | 7,704.1                     | 7,775.0                     | 7,627.8                     | 26.3                | 28.7             | 15.87                       | 0.0                    | 1,266.4         | 324.8                        | 271.0                         | 53.84                           | 6.032                |                    |          |
| 7,900.0                                                                      | 7,803.6                     | 7,876.4                     | 7,726.3                     | 26.7                | 29.1             | 15.39                       | 0.0                    | 1,290.8         | 338.5                        | 283.7                         | 54.80                           | 6.177                |                    |          |
| 8,000.0                                                                      | 7,903.3                     | 7,981.6                     | 7,828.7                     | 27.1                | 29.6             | 14.91                       | 0.0                    | 1,314.5         | 352.4                        | 296.6                         | 55.76                           | 6.320                |                    |          |
| 8,100.0                                                                      | 8,003.0                     | 8,087.0                     | 7,931.9                     | 27.4                | 30.1             | 14.45                       | 0.0                    | 1,336.4         | 366.2                        | 309.5                         | 56.67                           | 6.462                |                    |          |
| 8,200.0                                                                      | 8,102.9                     | 8,192.8                     | 8,035.7                     | 27.8                | 30.6             | 14.03                       | 0.0                    | 1,356.5         | 380.0                        | 322.4                         | 57.54                           | 6.603                |                    |          |
| 8,300.0                                                                      | 8,202.8                     | 8,298.8                     | 8,140.2                     | 28.1                | 31.1             | 13.63                       | 0.0                    | 1,374.7         | 393.6                        | 335.3                         | 58.35                           | 6.745                |                    |          |
| 8,400.0                                                                      | 8,302.8                     | 8,405.1                     | 8,245.2                     | 28.3                | 31.5             | 13.25                       | 0.0                    | 1,391.0         | 407.2                        | 348.1                         | 59.08                           | 6.891                |                    |          |
| 8,500.0                                                                      | 8,402.8                     | 8,511.8                     | 8,350.9                     | 28.4                | 32.0             | 100.88                      | 0.0                    | 1,405.4         | 420.3                        | 360.7                         | 59.61                           | 7.051                |                    |          |
| 8,600.0                                                                      | 8,502.8                     | 8,618.9                     | 8,457.4                     | 28.4                | 32.4             | 100.56                      | 0.0                    | 1,417.9         | 431.7                        | 371.6                         | 60.07                           | 7.187                |                    |          |
| 8,700.0                                                                      | 8,602.8                     | 8,726.5                     | 8,564.4                     | 28.4                | 32.8             | 100.31                      | 0.0                    | 1,428.4         | 441.3                        | 380.8                         | 60.49                           | 7.295                |                    |          |
| 8,800.0                                                                      | 8,702.8                     | 8,834.5                     | 8,672.0                     | 28.5                | 33.2             | 100.12                      | 0.0                    | 1,436.9         | 449.1                        | 388.2                         | 60.87                           | 7.378                |                    |          |
| 8,900.0                                                                      | 8,802.8                     | 8,942.7                     | 8,780.1                     | 28.5                | 33.6             | 99.97                       | 0.0                    | 1,443.4         | 455.0                        | 393.8                         | 61.20                           | 7.435                |                    |          |
| 9,000.0                                                                      | 8,902.8                     | 9,051.1                     | 8,888.4                     | 28.5                | 34.0             | 99.88                       | 0.0                    | 1,447.9         | 459.1                        | 397.6                         | 61.47                           | 7.469                |                    |          |
| 9,100.0                                                                      | 9,002.8                     | 9,159.7                     | 8,996.9                     | 28.6                | 34.3             | 99.82                       | 0.0                    | 1,450.3         | 461.3                        | 399.7                         | 61.67                           | 7.481                |                    |          |
| 9,200.0                                                                      | 9,102.8                     | 9,265.6                     | 9,102.8                     | 28.6                | 34.4             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 400.0                         | 61.73                           | 7.480                |                    |          |
| 9,300.0                                                                      | 9,202.8                     | 9,365.6                     | 9,202.8                     | 28.6                | 34.4             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 400.0                         | 61.79                           | 7.473                |                    |          |
| 9,400.0                                                                      | 9,302.8                     | 9,465.6                     | 9,302.8                     | 28.7                | 34.5             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.9                         | 61.85                           | 7.466                |                    |          |
| 9,500.0                                                                      | 9,402.8                     | 9,565.6                     | 9,402.8                     | 28.7                | 34.5             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.9                         | 61.91                           | 7.459                |                    |          |
| 9,600.0                                                                      | 9,502.8                     | 9,665.6                     | 9,502.8                     | 28.7                | 34.5             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.8                         | 61.97                           | 7.451                |                    |          |
| 9,700.0                                                                      | 9,602.8                     | 9,765.6                     | 9,602.8                     | 28.8                | 34.5             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.7                         | 62.03                           | 7.444                |                    |          |
| 9,800.0                                                                      | 9,702.8                     | 9,865.6                     | 9,702.8                     | 28.8                | 34.6             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.7                         | 62.09                           | 7.437                |                    |          |
| 9,900.0                                                                      | 9,802.8                     | 9,965.6                     | 9,802.8                     | 28.9                | 34.6             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.6                         | 62.16                           | 7.429                |                    |          |
| 10,000.0                                                                     | 9,902.8                     | 10,065.6                    | 9,902.8                     | 28.9                | 34.6             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.5                         | 62.22                           | 7.422                |                    |          |
| 10,100.0                                                                     | 10,002.8                    | 10,165.6                    | 10,002.8                    | 28.9                | 34.6             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.5                         | 62.28                           | 7.414                |                    |          |
| 10,200.0                                                                     | 10,102.8                    | 10,265.6                    | 10,102.8                    | 29.0                | 34.7             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.4                         | 62.34                           | 7.407                |                    |          |
| 10,300.0                                                                     | 10,202.8                    | 10,365.6                    | 10,202.8                    | 29.0                | 34.7             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.4                         | 62.41                           | 7.399                |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #709H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 10,400.0                                                                     | 10,302.8                    | 10,465.6                    | 10,302.8                    | 29.0                | 34.7             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.3                         | 62.47                | 7.392              |          |
| 10,500.0                                                                     | 10,402.8                    | 10,565.6                    | 10,402.8                    | 29.1                | 34.8             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.2                         | 62.53                | 7.384              |          |
| 10,600.0                                                                     | 10,502.8                    | 10,665.6                    | 10,502.8                    | 29.1                | 34.8             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.2                         | 62.60                | 7.377              |          |
| 10,700.0                                                                     | 10,602.8                    | 10,765.6                    | 10,602.8                    | 29.1                | 34.8             | 99.81                       | 0.0                    | 1,450.8         | 461.8                        | 399.1                         | 62.67                | 7.369              |          |
| 10,800.0                                                                     | 10,702.4                    | 10,865.2                    | 10,702.4                    | 29.2                | 34.8             | 100.87                      | 0.0                    | 1,450.8         | 463.2                        | 400.7                         | 62.50                | 7.411              |          |
| 10,900.0                                                                     | 10,799.0                    | 10,965.1                    | 10,802.3                    | 29.3                | 34.9             | 103.32                      | 0.6                    | 1,450.9         | 468.6                        | 406.8                         | 61.79                | 7.584              |          |
| 11,000.0                                                                     | 10,889.9                    | 11,078.6                    | 10,914.5                    | 29.4                | 34.9             | 106.21                      | 16.7                   | 1,452.2         | 477.3                        | 416.8                         | 60.50                | 7.889              |          |
| 11,100.0                                                                     | 10,972.1                    | 11,199.7                    | 11,028.1                    | 29.5                | 35.0             | 108.58                      | 57.8                   | 1,455.5         | 488.0                        | 428.8                         | 59.13                | 8.252              |          |
| 11,200.0                                                                     | 11,043.2                    | 11,328.5                    | 11,136.6                    | 29.6                | 35.1             | 110.28                      | 126.5                  | 1,461.0         | 499.5                        | 441.5                         | 57.97                | 8.616              |          |
| 11,300.0                                                                     | 11,101.1                    | 11,464.3                    | 11,231.3                    | 29.7                | 35.2             | 111.17                      | 223.0                  | 1,468.8         | 510.8                        | 453.5                         | 57.25                | 8.922              |          |
| 11,400.0                                                                     | 11,144.0                    | 11,605.2                    | 11,302.6                    | 29.7                | 35.3             | 111.14                      | 343.8                  | 1,478.5         | 520.8                        | 463.7                         | 57.07                | 9.125              |          |
| 11,500.0                                                                     | 11,170.5                    | 11,748.4                    | 11,342.7                    | 29.8                | 35.5             | 110.17                      | 480.4                  | 1,489.5         | 528.9                        | 471.5                         | 57.45                | 9.207              |          |
| 11,600.0                                                                     | 11,179.9                    | 11,883.2                    | 11,350.0                    | 29.9                | 35.5             | 108.59                      | 614.5                  | 1,499.9         | 535.2                        | 477.1                         | 58.10                | 9.212              |          |
| 11,700.0                                                                     | 11,180.0                    | 12,004.8                    | 11,350.0                    | 30.0                | 35.7             | 108.37                      | 735.9                  | 1,505.3         | 539.7                        | 481.4                         | 58.33                | 9.253              |          |
| 11,800.0                                                                     | 11,180.0                    | 12,118.4                    | 11,350.0                    | 30.1                | 35.8             | 108.33                      | 849.5                  | 1,505.8         | 540.5                        | 482.1                         | 58.39                | 9.257              |          |
| 11,900.0                                                                     | 11,180.0                    | 12,218.4                    | 11,350.0                    | 30.2                | 35.9             | 108.33                      | 949.5                  | 1,505.4         | 540.5                        | 482.2                         | 58.32                | 9.268              |          |
| 12,000.0                                                                     | 11,180.0                    | 12,318.4                    | 11,350.0                    | 30.4                | 36.1             | 108.33                      | 1,049.5                | 1,505.0         | 540.5                        | 482.2                         | 58.29                | 9.273              |          |
| 12,100.0                                                                     | 11,180.0                    | 12,418.4                    | 11,350.0                    | 30.6                | 36.2             | 108.33                      | 1,149.5                | 1,504.6         | 540.5                        | 482.2                         | 58.30                | 9.272              |          |
| 12,200.0                                                                     | 11,180.0                    | 12,518.4                    | 11,350.0                    | 30.7                | 36.4             | 108.33                      | 1,249.5                | 1,504.2         | 540.5                        | 482.2                         | 58.35                | 9.264              |          |
| 12,300.0                                                                     | 11,180.0                    | 12,618.4                    | 11,350.0                    | 30.9                | 36.6             | 108.33                      | 1,349.5                | 1,503.8         | 540.5                        | 482.1                         | 58.43                | 9.250              |          |
| 12,400.0                                                                     | 11,180.0                    | 12,718.4                    | 11,350.0                    | 31.2                | 36.8             | 108.33                      | 1,449.5                | 1,503.4         | 540.5                        | 482.0                         | 58.56                | 9.230              |          |
| 12,500.0                                                                     | 11,180.0                    | 12,818.4                    | 11,350.0                    | 31.4                | 37.0             | 108.33                      | 1,549.5                | 1,503.0         | 540.5                        | 481.8                         | 58.73                | 9.204              |          |
| 12,600.0                                                                     | 11,180.0                    | 12,918.4                    | 11,350.0                    | 31.7                | 37.3             | 108.33                      | 1,649.5                | 1,502.6         | 540.5                        | 481.6                         | 58.93                | 9.172              |          |
| 12,700.0                                                                     | 11,180.0                    | 13,018.4                    | 11,350.0                    | 31.9                | 37.5             | 108.33                      | 1,749.5                | 1,502.2         | 540.5                        | 481.3                         | 59.18                | 9.134              |          |
| 12,800.0                                                                     | 11,180.0                    | 13,118.4                    | 11,350.0                    | 32.2                | 37.8             | 108.33                      | 1,849.5                | 1,501.8         | 540.5                        | 481.1                         | 59.46                | 9.091              |          |
| 12,900.0                                                                     | 11,180.0                    | 13,218.4                    | 11,350.0                    | 32.6                | 38.1             | 108.33                      | 1,949.5                | 1,501.4         | 540.5                        | 480.7                         | 59.78                | 9.042              |          |
| 13,000.0                                                                     | 11,180.0                    | 13,318.4                    | 11,350.0                    | 32.9                | 38.4             | 108.33                      | 2,049.5                | 1,501.0         | 540.5                        | 480.4                         | 60.13                | 8.989              |          |
| 13,100.0                                                                     | 11,180.0                    | 13,418.4                    | 11,350.0                    | 33.2                | 38.7             | 108.33                      | 2,149.5                | 1,500.6         | 540.5                        | 480.0                         | 60.52                | 8.930              |          |
| 13,200.0                                                                     | 11,180.0                    | 13,518.4                    | 11,350.0                    | 33.6                | 39.0             | 108.33                      | 2,249.5                | 1,500.2         | 540.5                        | 479.6                         | 60.95                | 8.868              |          |
| 13,300.0                                                                     | 11,180.0                    | 13,618.4                    | 11,350.0                    | 33.9                | 39.3             | 108.33                      | 2,349.5                | 1,499.8         | 540.5                        | 479.1                         | 61.41                | 8.801              |          |
| 13,400.0                                                                     | 11,180.0                    | 13,718.4                    | 11,350.0                    | 34.3                | 39.7             | 108.33                      | 2,449.5                | 1,499.4         | 540.5                        | 478.6                         | 61.91                | 8.731              |          |
| 13,500.0                                                                     | 11,180.0                    | 13,818.4                    | 11,350.0                    | 34.7                | 40.1             | 108.33                      | 2,549.5                | 1,499.0         | 540.5                        | 478.1                         | 62.44                | 8.657              |          |
| 13,600.0                                                                     | 11,180.0                    | 13,918.4                    | 11,350.0                    | 35.1                | 40.4             | 108.33                      | 2,649.5                | 1,498.6         | 540.5                        | 477.5                         | 63.00                | 8.580              |          |
| 13,700.0                                                                     | 11,180.0                    | 14,018.4                    | 11,350.0                    | 35.6                | 40.8             | 108.33                      | 2,749.5                | 1,498.2         | 540.5                        | 476.9                         | 63.59                | 8.500              |          |
| 13,800.0                                                                     | 11,180.0                    | 14,118.4                    | 11,350.0                    | 36.0                | 41.2             | 108.33                      | 2,849.5                | 1,497.8         | 540.5                        | 476.3                         | 64.21                | 8.417              |          |
| 13,900.0                                                                     | 11,180.0                    | 14,218.4                    | 11,350.0                    | 36.5                | 41.6             | 108.33                      | 2,949.5                | 1,497.4         | 540.5                        | 475.6                         | 64.87                | 8.332              |          |
| 14,000.0                                                                     | 11,180.0                    | 14,318.4                    | 11,350.0                    | 36.9                | 42.0             | 108.33                      | 3,049.5                | 1,497.0         | 540.5                        | 475.0                         | 65.55                | 8.246              |          |
| 14,100.0                                                                     | 11,180.0                    | 14,418.4                    | 11,350.0                    | 37.4                | 42.5             | 108.33                      | 3,149.5                | 1,496.6         | 540.5                        | 474.2                         | 66.26                | 8.158              |          |
| 14,200.0                                                                     | 11,180.0                    | 14,518.4                    | 11,350.0                    | 37.9                | 42.9             | 108.33                      | 3,249.5                | 1,496.2         | 540.5                        | 473.5                         | 66.99                | 8.068              |          |
| 14,300.0                                                                     | 11,180.0                    | 14,618.4                    | 11,350.0                    | 38.4                | 43.3             | 108.33                      | 3,349.5                | 1,495.8         | 540.5                        | 472.7                         | 67.76                | 7.977              |          |
| 14,400.0                                                                     | 11,180.0                    | 14,718.4                    | 11,350.0                    | 38.9                | 43.8             | 108.33                      | 3,449.5                | 1,495.4         | 540.5                        | 472.0                         | 68.54                | 7.886              |          |
| 14,500.0                                                                     | 11,180.0                    | 14,818.4                    | 11,350.0                    | 39.4                | 44.3             | 108.33                      | 3,549.5                | 1,495.0         | 540.5                        | 471.1                         | 69.35                | 7.793              |          |
| 14,600.0                                                                     | 11,180.0                    | 14,918.4                    | 11,350.0                    | 39.9                | 44.7             | 108.33                      | 3,649.5                | 1,494.6         | 540.5                        | 470.3                         | 70.19                | 7.701              |          |
| 14,700.0                                                                     | 11,180.0                    | 15,018.4                    | 11,350.0                    | 40.4                | 45.2             | 108.33                      | 3,749.5                | 1,494.2         | 540.5                        | 469.5                         | 71.05                | 7.608              |          |
| 14,800.0                                                                     | 11,180.0                    | 15,118.4                    | 11,350.0                    | 40.9                | 45.7             | 108.33                      | 3,849.5                | 1,493.8         | 540.5                        | 468.6                         | 71.93                | 7.515              |          |
| 14,900.0                                                                     | 11,180.0                    | 15,218.4                    | 11,350.0                    | 41.5                | 46.2             | 108.33                      | 3,949.5                | 1,493.4         | 540.5                        | 467.7                         | 72.83                | 7.422              |          |
| 15,000.0                                                                     | 11,180.0                    | 15,318.4                    | 11,350.0                    | 42.0                | 46.7             | 108.33                      | 4,049.5                | 1,493.0         | 540.5                        | 466.7                         | 73.75                | 7.329              |          |
| 15,100.0                                                                     | 11,180.0                    | 15,418.4                    | 11,350.0                    | 42.6                | 47.2             | 108.33                      | 4,149.5                | 1,492.6         | 540.5                        | 465.8                         | 74.69                | 7.237              |          |
| 15,200.0                                                                     | 11,180.0                    | 15,518.4                    | 11,350.0                    | 43.2                | 47.7             | 108.33                      | 4,249.5                | 1,492.2         | 540.5                        | 464.8                         | 75.65                | 7.145              |          |
| 15,300.0                                                                     | 11,180.0                    | 15,618.4                    | 11,350.0                    | 43.7                | 48.2             | 108.33                      | 4,349.5                | 1,491.8         | 540.5                        | 463.9                         | 76.62                | 7.054              |          |
| 15,400.0                                                                     | 11,180.0                    | 15,718.4                    | 11,350.0                    | 44.3                | 48.8             | 108.33                      | 4,449.5                | 1,491.4         | 540.5                        | 462.9                         | 77.62                | 6.963              |          |
| 15,500.0                                                                     | 11,180.0                    | 15,818.4                    | 11,350.0                    | 44.9                | 49.3             | 108.33                      | 4,549.5                | 1,491.0         | 540.5                        | 461.9                         | 78.63                | 6.874              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #709H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,600.0                                                                     | 11,180.0                    | 15,918.4                    | 11,350.0                    | 45.5                | 49.9             | 108.33                      | 4,649.5                | 1,490.6         | 540.5                        | 460.8                         | 79.66                           | 6.785                |          |
| 15,700.0                                                                     | 11,180.0                    | 16,018.4                    | 11,350.0                    | 46.1                | 50.4             | 108.33                      | 4,749.5                | 1,490.2         | 540.5                        | 459.8                         | 80.70                           | 6.698                |          |
| 15,800.0                                                                     | 11,180.0                    | 16,118.4                    | 11,350.0                    | 46.6                | 51.0             | 108.33                      | 4,849.5                | 1,489.8         | 540.5                        | 458.7                         | 81.76                           | 6.611                |          |
| 15,900.0                                                                     | 11,180.0                    | 16,218.4                    | 11,350.0                    | 47.3                | 51.5             | 108.33                      | 4,949.5                | 1,489.4         | 540.5                        | 457.7                         | 82.83                           | 6.525                |          |
| 16,000.0                                                                     | 11,180.0                    | 16,318.4                    | 11,350.0                    | 47.9                | 52.1             | 108.33                      | 5,049.5                | 1,489.0         | 540.5                        | 456.6                         | 83.91                           | 6.441                |          |
| 16,100.0                                                                     | 11,180.0                    | 16,418.4                    | 11,350.0                    | 48.5                | 52.7             | 108.33                      | 5,149.5                | 1,488.6         | 540.5                        | 455.5                         | 85.01                           | 6.358                |          |
| 16,200.0                                                                     | 11,180.0                    | 16,518.4                    | 11,350.0                    | 49.1                | 53.2             | 108.33                      | 5,249.5                | 1,488.2         | 540.5                        | 454.4                         | 86.12                           | 6.276                |          |
| 16,300.0                                                                     | 11,180.0                    | 16,618.4                    | 11,350.0                    | 49.7                | 53.8             | 108.33                      | 5,349.5                | 1,487.8         | 540.5                        | 453.2                         | 87.25                           | 6.195                |          |
| 16,400.0                                                                     | 11,180.0                    | 16,718.4                    | 11,350.0                    | 50.3                | 54.4             | 108.33                      | 5,449.5                | 1,487.4         | 540.5                        | 452.1                         | 88.38                           | 6.115                |          |
| 16,500.0                                                                     | 11,180.0                    | 16,818.4                    | 11,350.0                    | 51.0                | 55.0             | 108.33                      | 5,549.5                | 1,487.0         | 540.5                        | 451.0                         | 89.53                           | 6.037                |          |
| 16,600.0                                                                     | 11,180.0                    | 16,918.4                    | 11,350.0                    | 51.6                | 55.6             | 108.33                      | 5,649.5                | 1,486.6         | 540.5                        | 449.8                         | 90.69                           | 5.960                |          |
| 16,700.0                                                                     | 11,180.0                    | 17,018.4                    | 11,350.0                    | 52.2                | 56.2             | 108.33                      | 5,749.5                | 1,486.2         | 540.5                        | 448.6                         | 91.85                           | 5.884                |          |
| 16,800.0                                                                     | 11,180.0                    | 17,118.4                    | 11,350.0                    | 52.9                | 56.8             | 108.33                      | 5,849.5                | 1,485.8         | 540.5                        | 447.5                         | 93.03                           | 5.810                |          |
| 16,900.0                                                                     | 11,180.0                    | 17,218.4                    | 11,350.0                    | 53.5                | 57.4             | 108.33                      | 5,949.5                | 1,485.4         | 540.5                        | 446.3                         | 94.22                           | 5.736                |          |
| 17,000.0                                                                     | 11,180.0                    | 17,318.4                    | 11,350.0                    | 54.2                | 58.0             | 108.33                      | 6,049.5                | 1,485.0         | 540.5                        | 445.1                         | 95.42                           | 5.664                |          |
| 17,100.0                                                                     | 11,180.0                    | 17,418.4                    | 11,350.0                    | 54.8                | 58.6             | 108.33                      | 6,149.5                | 1,484.6         | 540.5                        | 443.9                         | 96.62                           | 5.594                |          |
| 17,200.0                                                                     | 11,180.0                    | 17,518.4                    | 11,350.0                    | 55.5                | 59.2             | 108.33                      | 6,249.5                | 1,484.2         | 540.5                        | 442.6                         | 97.84                           | 5.524                |          |
| 17,300.0                                                                     | 11,180.0                    | 17,618.4                    | 11,350.0                    | 56.1                | 59.8             | 108.33                      | 6,349.5                | 1,483.8         | 540.5                        | 441.4                         | 99.06                           | 5.456                |          |
| 17,400.0                                                                     | 11,180.0                    | 17,718.4                    | 11,350.0                    | 56.8                | 60.5             | 108.33                      | 6,449.5                | 1,483.4         | 540.5                        | 440.2                         | 100.29                          | 5.389                |          |
| 17,500.0                                                                     | 11,180.0                    | 17,818.4                    | 11,350.0                    | 57.4                | 61.1             | 108.33                      | 6,549.5                | 1,483.0         | 540.5                        | 439.0                         | 101.53                          | 5.323                |          |
| 17,600.0                                                                     | 11,180.0                    | 17,918.4                    | 11,350.0                    | 58.1                | 61.7             | 108.33                      | 6,649.5                | 1,482.6         | 540.5                        | 437.7                         | 102.77                          | 5.259                |          |
| 17,700.0                                                                     | 11,180.0                    | 18,018.4                    | 11,350.0                    | 58.8                | 62.3             | 108.33                      | 6,749.5                | 1,482.2         | 540.5                        | 436.4                         | 104.03                          | 5.196                |          |
| 17,800.0                                                                     | 11,180.0                    | 18,118.4                    | 11,350.0                    | 59.4                | 63.0             | 108.33                      | 6,849.5                | 1,481.8         | 540.5                        | 435.2                         | 105.29                          | 5.133                |          |
| 17,900.0                                                                     | 11,180.0                    | 18,218.4                    | 11,350.0                    | 60.1                | 63.6             | 108.33                      | 6,949.5                | 1,481.4         | 540.5                        | 433.9                         | 106.55                          | 5.072                |          |
| 18,000.0                                                                     | 11,180.0                    | 18,318.4                    | 11,350.0                    | 60.8                | 64.3             | 108.33                      | 7,049.5                | 1,481.0         | 540.5                        | 432.6                         | 107.83                          | 5.012                |          |
| 18,100.0                                                                     | 11,180.0                    | 18,418.4                    | 11,350.0                    | 61.4                | 64.9             | 108.33                      | 7,149.5                | 1,480.6         | 540.5                        | 431.4                         | 109.11                          | 4.954                |          |
| 18,200.0                                                                     | 11,180.0                    | 18,518.4                    | 11,350.0                    | 62.1                | 65.5             | 108.33                      | 7,249.5                | 1,480.2         | 540.5                        | 430.1                         | 110.39                          | 4.896                |          |
| 18,300.0                                                                     | 11,180.0                    | 18,618.4                    | 11,350.0                    | 62.8                | 66.2             | 108.33                      | 7,349.5                | 1,479.8         | 540.5                        | 428.8                         | 111.68                          | 4.839                |          |
| 18,400.0                                                                     | 11,180.0                    | 18,718.4                    | 11,350.0                    | 63.5                | 66.8             | 108.33                      | 7,449.5                | 1,479.4         | 540.5                        | 427.5                         | 112.98                          | 4.784                |          |
| 18,500.0                                                                     | 11,180.0                    | 18,818.4                    | 11,350.0                    | 64.2                | 67.5             | 108.33                      | 7,549.5                | 1,479.0         | 540.5                        | 426.2                         | 114.28                          | 4.729                |          |
| 18,600.0                                                                     | 11,180.0                    | 18,918.4                    | 11,350.0                    | 64.8                | 68.2             | 108.33                      | 7,649.5                | 1,478.6         | 540.5                        | 424.9                         | 115.59                          | 4.676                |          |
| 18,700.0                                                                     | 11,180.0                    | 19,018.4                    | 11,350.0                    | 65.5                | 68.8             | 108.33                      | 7,749.5                | 1,478.2         | 540.5                        | 423.6                         | 116.90                          | 4.623                |          |
| 18,800.0                                                                     | 11,180.0                    | 19,118.4                    | 11,350.0                    | 66.2                | 69.5             | 108.33                      | 7,849.5                | 1,477.8         | 540.5                        | 422.3                         | 118.22                          | 4.572                |          |
| 18,900.0                                                                     | 11,180.0                    | 19,218.4                    | 11,350.0                    | 66.9                | 70.1             | 108.33                      | 7,949.5                | 1,477.4         | 540.5                        | 420.9                         | 119.54                          | 4.521                |          |
| 19,000.0                                                                     | 11,180.0                    | 19,318.4                    | 11,350.0                    | 67.6                | 70.8             | 108.33                      | 8,049.5                | 1,477.0         | 540.5                        | 419.6                         | 120.86                          | 4.472                |          |
| 19,100.0                                                                     | 11,180.0                    | 19,418.4                    | 11,350.0                    | 68.3                | 71.5             | 108.33                      | 8,149.5                | 1,476.6         | 540.5                        | 418.3                         | 122.19                          | 4.423                |          |
| 19,200.0                                                                     | 11,180.0                    | 19,518.4                    | 11,350.0                    | 69.0                | 72.1             | 108.33                      | 8,249.5                | 1,476.2         | 540.5                        | 416.9                         | 123.53                          | 4.375                |          |
| 19,300.0                                                                     | 11,180.0                    | 19,618.4                    | 11,350.0                    | 69.7                | 72.8             | 108.33                      | 8,349.5                | 1,475.8         | 540.5                        | 415.6                         | 124.87                          | 4.328                |          |
| 19,400.0                                                                     | 11,180.0                    | 19,718.4                    | 11,350.0                    | 70.4                | 73.5             | 108.33                      | 8,449.5                | 1,475.4         | 540.5                        | 414.3                         | 126.21                          | 4.282                |          |
| 19,500.0                                                                     | 11,180.0                    | 19,818.4                    | 11,350.0                    | 71.1                | 74.1             | 108.33                      | 8,549.5                | 1,475.0         | 540.5                        | 412.9                         | 127.56                          | 4.237                |          |
| 19,600.0                                                                     | 11,180.0                    | 19,918.4                    | 11,350.0                    | 71.8                | 74.8             | 108.33                      | 8,649.5                | 1,474.6         | 540.5                        | 411.6                         | 128.91                          | 4.193                |          |
| 19,700.0                                                                     | 11,180.0                    | 20,018.4                    | 11,350.0                    | 72.5                | 75.5             | 108.33                      | 8,749.5                | 1,474.2         | 540.5                        | 410.2                         | 130.26                          | 4.149                |          |
| 19,800.0                                                                     | 11,180.0                    | 20,118.4                    | 11,350.0                    | 73.2                | 76.2             | 108.33                      | 8,849.5                | 1,473.8         | 540.5                        | 408.8                         | 131.62                          | 4.106                |          |
| 19,900.0                                                                     | 11,180.0                    | 20,218.4                    | 11,350.0                    | 73.9                | 76.9             | 108.33                      | 8,949.5                | 1,473.4         | 540.5                        | 407.5                         | 132.98                          | 4.064                |          |
| 20,000.0                                                                     | 11,180.0                    | 20,318.4                    | 11,350.0                    | 74.6                | 77.5             | 108.33                      | 9,049.5                | 1,473.0         | 540.5                        | 406.1                         | 134.35                          | 4.023                |          |
| 20,100.0                                                                     | 11,180.0                    | 20,418.4                    | 11,350.0                    | 75.3                | 78.2             | 108.33                      | 9,149.5                | 1,472.6         | 540.5                        | 404.7                         | 135.71                          | 3.982                |          |
| 20,200.0                                                                     | 11,180.0                    | 20,518.4                    | 11,350.0                    | 76.0                | 78.9             | 108.33                      | 9,249.5                | 1,472.2         | 540.5                        | 403.4                         | 137.08                          | 3.943                |          |
| 20,300.0                                                                     | 11,180.0                    | 20,618.4                    | 11,350.0                    | 76.7                | 79.6             | 108.33                      | 9,349.5                | 1,471.8         | 540.5                        | 402.0                         | 138.46                          | 3.903                |          |
| 20,400.0                                                                     | 11,180.0                    | 20,718.4                    | 11,350.0                    | 77.4                | 80.3             | 108.33                      | 9,449.5                | 1,471.4         | 540.5                        | 400.6                         | 139.83                          | 3.865                |          |
| 20,500.0                                                                     | 11,180.0                    | 20,818.4                    | 11,350.0                    | 78.1                | 81.0             | 108.33                      | 9,549.5                | 1,471.0         | 540.5                        | 399.2                         | 141.21                          | 3.827                |          |
| 20,600.0                                                                     | 11,180.0                    | 20,918.4                    | 11,350.0                    | 78.8                | 81.7             | 108.33                      | 9,649.5                | 1,470.6         | 540.5                        | 397.9                         | 142.60                          | 3.790                |          |
| 20,700.0                                                                     | 11,180.0                    | 21,018.4                    | 11,350.0                    | 79.6                | 82.4             | 108.33                      | 9,749.5                | 1,470.2         | 540.5                        | 396.5                         | 143.98                          | 3.754                |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          |                                    |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #709H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                    |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                        | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                          |                                    |
| 20,800.0                                                                            | 11,180.0                     | 21,118.4                     | 11,350.0                     | 80.3                    | 83.0                 | 108.33                       | 9,849.5                       | 1,469.8             | 540.5                         | 395.1                          | 145.37                           | 3.718                    |                                    |
| 20,900.0                                                                            | 11,180.0                     | 21,218.4                     | 11,350.0                     | 81.0                    | 83.7                 | 108.33                       | 9,949.5                       | 1,469.4             | 540.5                         | 393.7                          | 146.76                           | 3.683                    |                                    |
| 21,000.0                                                                            | 11,180.0                     | 21,318.4                     | 11,350.0                     | 81.7                    | 84.4                 | 108.33                       | 10,049.5                      | 1,469.0             | 540.5                         | 392.3                          | 148.15                           | 3.648                    |                                    |
| 21,100.0                                                                            | 11,180.0                     | 21,418.4                     | 11,350.0                     | 82.4                    | 85.1                 | 108.33                       | 10,149.5                      | 1,468.6             | 540.5                         | 390.9                          | 149.54                           | 3.614                    |                                    |
| 21,200.0                                                                            | 11,180.0                     | 21,518.4                     | 11,350.0                     | 83.1                    | 85.8                 | 108.33                       | 10,249.5                      | 1,468.2             | 540.5                         | 389.5                          | 150.94                           | 3.581                    |                                    |
| 21,300.0                                                                            | 11,180.0                     | 21,618.4                     | 11,350.0                     | 83.9                    | 86.5                 | 108.33                       | 10,349.5                      | 1,467.8             | 540.5                         | 388.1                          | 152.34                           | 3.548                    |                                    |
| 21,400.0                                                                            | 11,180.0                     | 21,718.4                     | 11,350.0                     | 84.6                    | 87.2                 | 108.33                       | 10,449.5                      | 1,467.4             | 540.5                         | 386.7                          | 153.74                           | 3.515                    |                                    |
| 21,500.0                                                                            | 11,180.0                     | 21,818.4                     | 11,350.0                     | 85.3                    | 87.9                 | 108.33                       | 10,549.5                      | 1,467.0             | 540.5                         | 385.3                          | 155.15                           | 3.483                    |                                    |
| 21,600.0                                                                            | 11,180.0                     | 21,918.4                     | 11,350.0                     | 86.0                    | 88.6                 | 108.33                       | 10,649.5                      | 1,466.6             | 540.4                         | 383.9                          | 156.55                           | 3.452                    |                                    |
| 21,700.0                                                                            | 11,180.0                     | 22,018.4                     | 11,350.0                     | 86.7                    | 89.3                 | 108.33                       | 10,749.5                      | 1,466.2             | 540.4                         | 382.5                          | 157.96                           | 3.421                    |                                    |
| 21,800.0                                                                            | 11,180.0                     | 22,118.4                     | 11,350.0                     | 87.5                    | 90.0                 | 108.33                       | 10,849.5                      | 1,465.8             | 540.4                         | 381.1                          | 159.37                           | 3.391                    |                                    |
| 21,900.0                                                                            | 11,180.0                     | 22,218.4                     | 11,350.0                     | 88.2                    | 90.8                 | 108.33                       | 10,949.5                      | 1,465.4             | 540.4                         | 379.7                          | 160.78                           | 3.361                    |                                    |
| 22,000.0                                                                            | 11,180.0                     | 22,318.4                     | 11,350.0                     | 88.9                    | 91.5                 | 108.33                       | 11,049.5                      | 1,465.0             | 540.4                         | 378.3                          | 162.19                           | 3.332                    |                                    |
| 22,100.0                                                                            | 11,180.0                     | 22,418.4                     | 11,350.0                     | 89.6                    | 92.2                 | 108.33                       | 11,149.5                      | 1,464.6             | 540.4                         | 376.8                          | 163.61                           | 3.303                    |                                    |
| 22,200.0                                                                            | 11,180.0                     | 22,518.4                     | 11,350.0                     | 90.4                    | 92.9                 | 108.33                       | 11,249.5                      | 1,464.2             | 540.4                         | 375.4                          | 165.03                           | 3.275                    |                                    |
| 22,300.0                                                                            | 11,180.0                     | 22,618.4                     | 11,350.0                     | 91.1                    | 93.6                 | 108.33                       | 11,349.4                      | 1,463.8             | 540.4                         | 374.0                          | 166.44                           | 3.247                    |                                    |
| 22,400.0                                                                            | 11,180.0                     | 22,718.4                     | 11,350.0                     | 91.8                    | 94.3                 | 108.33                       | 11,449.4                      | 1,463.4             | 540.4                         | 372.6                          | 167.86                           | 3.220                    |                                    |
| 22,500.0                                                                            | 11,180.0                     | 22,818.4                     | 11,350.0                     | 92.5                    | 95.0                 | 108.33                       | 11,549.4                      | 1,463.0             | 540.4                         | 371.2                          | 169.29                           | 3.192                    |                                    |
| 22,600.0                                                                            | 11,180.0                     | 22,918.4                     | 11,350.0                     | 93.3                    | 95.7                 | 108.33                       | 11,649.4                      | 1,462.5             | 540.4                         | 369.7                          | 170.71                           | 3.166                    |                                    |
| 22,700.0                                                                            | 11,180.0                     | 23,018.4                     | 11,350.0                     | 94.0                    | 96.4                 | 108.33                       | 11,749.4                      | 1,462.1             | 540.4                         | 368.3                          | 172.14                           | 3.140                    |                                    |
| 22,800.0                                                                            | 11,180.0                     | 23,118.4                     | 11,350.0                     | 94.7                    | 97.1                 | 108.33                       | 11,849.4                      | 1,461.7             | 540.4                         | 366.9                          | 173.56                           | 3.114                    |                                    |
| 22,900.0                                                                            | 11,180.0                     | 23,218.4                     | 11,350.0                     | 95.4                    | 97.9                 | 108.33                       | 11,949.4                      | 1,461.3             | 540.4                         | 365.4                          | 174.99                           | 3.088                    |                                    |
| 23,000.0                                                                            | 11,180.0                     | 23,318.4                     | 11,350.0                     | 96.2                    | 98.6                 | 108.33                       | 12,049.4                      | 1,460.9             | 540.4                         | 364.0                          | 176.42                           | 3.063                    |                                    |
| 23,100.0                                                                            | 11,180.0                     | 23,418.4                     | 11,350.0                     | 96.9                    | 99.3                 | 108.33                       | 12,149.4                      | 1,460.5             | 540.4                         | 362.6                          | 177.85                           | 3.039                    |                                    |
| 23,200.0                                                                            | 11,180.0                     | 23,518.4                     | 11,350.0                     | 97.6                    | 100.0                | 108.33                       | 12,249.4                      | 1,460.1             | 540.4                         | 361.2                          | 179.28                           | 3.014                    |                                    |
| 23,300.0                                                                            | 11,180.0                     | 23,618.4                     | 11,350.0                     | 98.4                    | 100.7                | 108.33                       | 12,349.4                      | 1,459.7             | 540.4                         | 359.7                          | 180.72                           | 2.991                    |                                    |
| 23,400.0                                                                            | 11,180.0                     | 23,718.4                     | 11,350.0                     | 99.1                    | 101.4                | 108.33                       | 12,449.4                      | 1,459.3             | 540.4                         | 358.3                          | 182.15                           | 2.967                    |                                    |
| 23,500.0                                                                            | 11,180.0                     | 23,818.4                     | 11,350.0                     | 99.8                    | 102.2                | 108.33                       | 12,549.4                      | 1,458.9             | 540.4                         | 356.8                          | 183.59                           | 2.944                    |                                    |
| 23,600.0                                                                            | 11,180.0                     | 23,918.4                     | 11,350.0                     | 100.6                   | 102.9                | 108.33                       | 12,649.4                      | 1,458.5             | 540.4                         | 355.4                          | 185.03                           | 2.921                    |                                    |
| 23,700.0                                                                            | 11,180.0                     | 24,018.4                     | 11,350.0                     | 101.3                   | 103.6                | 108.33                       | 12,749.4                      | 1,458.1             | 540.4                         | 354.0                          | 186.46                           | 2.898                    |                                    |
| 23,800.0                                                                            | 11,180.0                     | 24,118.4                     | 11,350.0                     | 102.0                   | 104.3                | 108.33                       | 12,849.4                      | 1,457.7             | 540.4                         | 352.5                          | 187.90                           | 2.876                    |                                    |
| 23,900.0                                                                            | 11,180.0                     | 24,218.4                     | 11,350.0                     | 102.8                   | 105.0                | 108.33                       | 12,949.4                      | 1,457.3             | 540.4                         | 351.1                          | 189.35                           | 2.854                    |                                    |
| 24,000.0                                                                            | 11,180.0                     | 24,318.4                     | 11,350.0                     | 103.5                   | 105.8                | 108.33                       | 13,049.4                      | 1,456.9             | 540.4                         | 349.6                          | 190.79                           | 2.833                    |                                    |
| 24,100.0                                                                            | 11,180.0                     | 24,418.4                     | 11,350.0                     | 104.2                   | 106.5                | 108.33                       | 13,149.4                      | 1,456.5             | 540.4                         | 348.2                          | 192.23                           | 2.811                    |                                    |
| 24,200.0                                                                            | 11,180.0                     | 24,518.4                     | 11,350.0                     | 105.0                   | 107.2                | 108.33                       | 13,249.4                      | 1,456.1             | 540.4                         | 346.8                          | 193.68                           | 2.790                    |                                    |
| 24,300.0                                                                            | 11,180.0                     | 24,618.4                     | 11,350.0                     | 105.7                   | 107.9                | 108.33                       | 13,349.4                      | 1,455.7             | 540.4                         | 345.3                          | 195.12                           | 2.770                    |                                    |
| 24,400.0                                                                            | 11,180.0                     | 24,718.4                     | 11,350.0                     | 106.5                   | 108.7                | 108.33                       | 13,449.4                      | 1,455.3             | 540.4                         | 343.9                          | 196.57                           | 2.749                    |                                    |
| 24,482.8                                                                            | 11,180.0                     | 24,801.3                     | 11,350.0                     | 107.1                   | 109.3                | 108.33                       | 13,532.2                      | 1,455.0             | 540.4                         | 342.7                          | 197.77                           | 2.733                    |                                    |
| 24,486.5                                                                            | 11,180.0                     | 24,802.4                     | 11,350.0                     | 107.1                   | 109.3                | 108.33                       | 13,533.4                      | 1,455.0             | 540.4                         | 342.6                          | 197.83                           | 2.732                    |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                |                    |          |
|------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #710H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned: | Warning            |          |
| Measured<br>Depth<br>(usft)                                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                |                    |          |
| 0.0                                                                          | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 53.6                          | 6.43           | 9.333              |          |
| 100.0                                                                        | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 53.1                          | 6.89           | 8.705              |          |
| 200.0                                                                        | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 52.7                          | 7.33           | 8.188              |          |
| 300.0                                                                        | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 52.3                          | 7.74           | 7.751              |          |
| 400.0                                                                        | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 51.9                          | 8.14           | 7.375              |          |
| 500.0                                                                        | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 51.5                          | 8.51           | 7.048              |          |
| 600.0                                                                        | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 51.1                          | 8.88           | 6.759              |          |
| 700.0                                                                        | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 50.8                          | 9.23           | 6.501              |          |
| 800.0                                                                        | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 50.4                          | 9.57           | 6.269              |          |
| 900.0                                                                        | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 50.1                          | 9.90           | 6.059              |          |
| 1,000.0                                                                      | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 49.8                          | 10.22          | 5.868              |          |
| 1,100.0                                                                      | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 49.5                          | 10.54          | 5.693              |          |
| 1,200.0                                                                      | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 49.2                          | 10.85          | 5.531              |          |
| 1,300.0                                                                      | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 48.9                          | 11.15          | 5.382              |          |
| 1,400.0                                                                      | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 48.6                          | 11.44          | 5.243              |          |
| 1,500.0                                                                      | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 48.3                          | 11.73          | 5.113              |          |
| 1,600.0                                                                      | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 48.0                          | 12.02          | 4.992              |          |
| 1,700.0                                                                      | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 47.7                          | 12.30          | 4.878              |          |
| 1,800.0                                                                      | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | 90.02                       | 0.0                    | 60.0            | 60.0                         | 47.4                          | 12.58          | 4.771 CC, ES       |          |
| 1,900.0                                                                      | 1,900.0                     | 1,898.4                     | 1,898.4                     | 6.3                 | 6.3              | 90.17                       | -0.2                   | 61.3            | 61.3                         | 48.4                          | 12.86          | 4.764 SF           |          |
| 2,000.0                                                                      | 2,000.0                     | 1,996.8                     | 1,996.7                     | 6.4                 | 6.4              | 90.60                       | -0.7                   | 65.0            | 65.1                         | 52.0                          | 13.14          | 4.954              |          |
| 2,100.0                                                                      | 2,100.0                     | 2,094.8                     | 2,094.5                     | 6.5                 | 6.6              | 91.21                       | -1.5                   | 71.3            | 71.5                         | 58.1                          | 13.43          | 5.325              |          |
| 2,200.0                                                                      | 2,200.0                     | 2,192.5                     | 2,191.8                     | 6.7                 | 6.8              | 91.90                       | -2.6                   | 80.0            | 80.4                         | 66.7                          | 13.72          | 5.861              |          |
| 2,300.0                                                                      | 2,300.0                     | 2,289.6                     | 2,288.3                     | 6.8                 | 7.0              | 92.58                       | -4.1                   | 91.1            | 91.9                         | 77.9                          | 14.03          | 6.551              |          |
| 2,400.0                                                                      | 2,400.0                     | 2,386.2                     | 2,383.9                     | 6.9                 | 7.2              | 93.22                       | -5.9                   | 104.5           | 105.9                        | 91.6                          | 14.35          | 7.378              |          |
| 2,500.0                                                                      | 2,500.0                     | 2,481.9                     | 2,478.3                     | 7.0                 | 7.5              | 93.78                       | -7.9                   | 120.2           | 122.4                        | 107.7                         | 14.69          | 8.332              |          |
| 2,600.0                                                                      | 2,600.0                     | 2,577.0                     | 2,571.7                     | 7.2                 | 7.7              | 34.41                       | -10.3                  | 138.1           | 140.3                        | 125.2                         | 15.05          | 9.320              |          |
| 2,700.0                                                                      | 2,699.9                     | 2,671.8                     | 2,664.3                     | 7.3                 | 8.0              | 35.42                       | -12.9                  | 158.2           | 158.5                        | 143.1                         | 15.39          | 10.303             |          |
| 2,800.0                                                                      | 2,799.7                     | 2,770.2                     | 2,760.1                     | 7.5                 | 8.3              | 36.75                       | -15.8                  | 180.2           | 175.8                        | 160.0                         | 15.81          | 11.120             |          |
| 2,900.0                                                                      | 2,899.3                     | 2,868.9                     | 2,866.3                     | 7.7                 | 8.6              | 38.31                       | -18.7                  | 202.2           | 191.2                        | 174.9                         | 16.29          | 11.742             |          |
| 3,000.0                                                                      | 2,998.6                     | 2,967.7                     | 2,952.6                     | 7.9                 | 8.9              | 40.10                       | -21.6                  | 224.2           | 204.8                        | 188.0                         | 16.78          | 12.204             |          |
| 3,100.0                                                                      | 3,097.6                     | 3,066.7                     | 3,049.0                     | 8.1                 | 9.2              | 42.10                       | -24.5                  | 246.3           | 217.0                        | 199.8                         | 17.23          | 12.593             |          |
| 3,200.0                                                                      | 3,196.6                     | 3,165.7                     | 3,145.5                     | 8.3                 | 9.6              | 43.94                       | -27.4                  | 268.4           | 229.4                        | 211.7                         | 17.75          | 12.926             |          |
| 3,300.0                                                                      | 3,295.7                     | 3,264.6                     | 3,241.9                     | 8.5                 | 9.9              | 43.50                       | -30.4                  | 290.4           | 242.0                        | 223.7                         | 18.25          | 13.260             |          |
| 3,400.0                                                                      | 3,394.5                     | 3,363.9                     | 3,338.6                     | 8.8                 | 10.3             | 33.86                       | -33.3                  | 312.6           | 252.5                        | 233.7                         | 18.83          | 13.411             |          |
| 3,500.0                                                                      | 3,493.0                     | 3,463.5                     | 3,435.7                     | 9.0                 | 10.7             | 26.45                       | -36.2                  | 334.8           | 259.9                        | 240.5                         | 19.42          | 13.380             |          |
| 3,600.0                                                                      | 3,591.1                     | 3,563.4                     | 3,533.0                     | 9.3                 | 11.1             | 21.21                       | -39.1                  | 357.1           | 264.0                        | 244.0                         | 20.04          | 13.176             |          |
| 3,700.0                                                                      | 3,688.9                     | 3,663.3                     | 3,630.3                     | 9.7                 | 11.5             | 21.84                       | -42.1                  | 379.3           | 266.7                        | 246.0                         | 20.74          | 12.863             |          |
| 3,800.0                                                                      | 3,786.7                     | 3,763.2                     | 3,727.7                     | 9.9                 | 11.9             | 22.46                       | -45.0                  | 401.6           | 269.5                        | 248.1                         | 21.38          | 12.602             |          |
| 3,900.0                                                                      | 3,884.5                     | 3,862.0                     | 3,823.9                     | 10.3                | 12.2             | 23.04                       | -47.8                  | 423.7           | 272.3                        | 250.3                         | 22.00          | 12.374             |          |
| 4,000.0                                                                      | 3,982.3                     | 3,957.3                     | 3,916.4                     | 10.6                | 12.6             | 23.17                       | -49.1                  | 446.8           | 276.3                        | 253.7                         | 22.63          | 12.212             |          |
| 4,100.0                                                                      | 4,080.2                     | 4,056.4                     | 4,012.1                     | 10.9                | 13.0             | 22.93                       | -49.2                  | 472.4           | 281.5                        | 258.1                         | 23.34          | 12.060             |          |
| 4,200.0                                                                      | 4,178.0                     | 4,156.3                     | 4,108.6                     | 11.2                | 13.5             | 22.69                       | -49.2                  | 498.3           | 286.6                        | 262.5                         | 24.09          | 11.898             |          |
| 4,300.0                                                                      | 4,275.8                     | 4,256.1                     | 4,205.0                     | 11.6                | 13.9             | 22.46                       | -49.2                  | 524.1           | 291.8                        | 266.9                         | 24.86          | 11.740             |          |
| 4,400.0                                                                      | 4,373.6                     | 4,356.0                     | 4,301.5                     | 12.0                | 14.3             | 22.23                       | -49.2                  | 550.0           | 297.0                        | 271.3                         | 25.63          | 11.585             |          |
| 4,500.0                                                                      | 4,471.4                     | 4,455.9                     | 4,398.0                     | 12.3                | 14.8             | 22.02                       | -49.2                  | 575.8           | 302.1                        | 275.7                         | 26.43          | 11.434             |          |
| 4,600.0                                                                      | 4,569.2                     | 4,555.7                     | 4,494.4                     | 12.7                | 15.2             | 21.81                       | -49.2                  | 601.7           | 307.3                        | 280.1                         | 27.23          | 11.287             |          |
| 4,700.0                                                                      | 4,667.0                     | 4,655.6                     | 4,590.9                     | 13.1                | 15.7             | 21.61                       | -49.2                  | 627.5           | 312.5                        | 284.5                         | 28.04          | 11.145             |          |
| 4,800.0                                                                      | 4,764.9                     | 4,755.4                     | 4,687.3                     | 13.5                | 16.1             | 21.41                       | -49.2                  | 653.4           | 317.7                        | 288.8                         | 28.86          | 11.007             |          |
| 4,900.0                                                                      | 4,862.7                     | 4,855.3                     | 4,783.8                     | 13.9                | 16.6             | 21.22                       | -49.2                  | 679.2           | 322.9                        | 293.2                         | 29.69          | 10.874             |          |
| 5,000.0                                                                      | 4,960.5                     | 4,955.2                     | 4,880.2                     | 14.3                | 17.0             | 21.04                       | -49.2                  | 705.1           | 328.1                        | 297.5                         | 30.53          | 10.745             |          |
| 5,100.0                                                                      | 5,058.3                     | 5,055.0                     | 4,976.7                     | 14.7                | 17.5             | 20.86                       | -49.2                  | 730.9           | 333.3                        | 301.9                         | 31.38          | 10.621             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

| Offset Design:  |           | THUNDERDOME PROJECT - *THUNDERDOME FED COM #710H - OWB - PWP0 |          |           |        |                   |                        |              |                        |                         |                    |                   | Offset Site Error: |                    | 0.0 usft |          |
|-----------------|-----------|---------------------------------------------------------------|----------|-----------|--------|-------------------|------------------------|--------------|------------------------|-------------------------|--------------------|-------------------|--------------------|--------------------|----------|----------|
| Survey Program: |           | 0-r.5 MWD+IFR1+MS                                             |          |           |        |                   |                        |              |                        | Rule Assigned:          |                    |                   |                    | Offset Well Error: |          | 3.0 usft |
| Measured Depth  | Reference | Measured Depth                                                | Offset   | Reference | Offset | Highside Toolface | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation | Separation Factor | Warning            |                    |          |          |
| (usft)          | (usft)    | (usft)                                                        | (usft)   | (usft)    | (usft) | (°)               | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | (usft)             |                   |                    |                    |          |          |
| 5,200.0         | 5,156.1   | 5,154.9                                                       | 5,073.2  | 15.1      | 18.0   | 20.69             | -49.2                  | 756.7        | 338.5                  | 306.2                   | 32.23              | 10.501            |                    |                    |          |          |
| 5,300.0         | 5,253.9   | 5,254.7                                                       | 5,169.6  | 15.5      | 18.4   | 20.53             | -49.2                  | 782.6        | 343.7                  | 310.6                   | 33.09              | 10.386            |                    |                    |          |          |
| 5,400.0         | 5,351.8   | 5,354.6                                                       | 5,266.1  | 15.9      | 18.9   | 20.36             | -49.2                  | 808.4        | 348.9                  | 314.9                   | 33.95              | 10.275            |                    |                    |          |          |
| 5,500.0         | 5,449.6   | 5,454.5                                                       | 5,362.5  | 16.3      | 19.4   | 20.21             | -49.2                  | 834.3        | 354.1                  | 319.3                   | 34.83              | 10.167            |                    |                    |          |          |
| 5,600.0         | 5,547.4   | 5,554.3                                                       | 5,459.0  | 16.7      | 19.8   | 20.06             | -49.2                  | 860.1        | 359.3                  | 323.6                   | 35.70              | 10.064            |                    |                    |          |          |
| 5,700.0         | 5,645.2   | 5,654.2                                                       | 5,555.4  | 17.2      | 20.3   | 19.91             | -49.2                  | 886.0        | 364.5                  | 327.9                   | 36.58              | 9.964             |                    |                    |          |          |
| 5,800.0         | 5,743.0   | 5,754.0                                                       | 5,651.9  | 17.6      | 20.8   | 19.76             | -49.2                  | 911.8        | 369.7                  | 332.3                   | 37.47              | 9.868             |                    |                    |          |          |
| 5,900.0         | 5,840.8   | 5,853.9                                                       | 5,748.4  | 18.0      | 21.3   | 19.62             | -49.2                  | 937.7        | 374.9                  | 336.6                   | 38.36              | 9.775             |                    |                    |          |          |
| 6,000.0         | 5,938.6   | 5,953.8                                                       | 5,844.8  | 18.4      | 21.7   | 19.49             | -49.2                  | 963.5        | 380.2                  | 340.9                   | 39.25              | 9.686             |                    |                    |          |          |
| 6,100.0         | 6,036.5   | 6,053.6                                                       | 5,941.3  | 18.9      | 22.2   | 19.36             | -49.2                  | 989.4        | 385.4                  | 345.2                   | 40.14              | 9.600             |                    |                    |          |          |
| 6,200.0         | 6,134.3   | 6,153.5                                                       | 6,037.7  | 19.3      | 22.7   | 19.23             | -49.2                  | 1,015.2      | 390.6                  | 349.6                   | 41.04              | 9.517             |                    |                    |          |          |
| 6,300.0         | 6,232.1   | 6,253.3                                                       | 6,134.2  | 19.7      | 23.2   | 19.10             | -49.2                  | 1,041.0      | 395.8                  | 353.9                   | 41.95              | 9.436             |                    |                    |          |          |
| 6,400.0         | 6,329.9   | 6,353.2                                                       | 6,230.6  | 20.2      | 23.6   | 18.98             | -49.2                  | 1,066.9      | 401.1                  | 358.2                   | 42.85              | 9.359             |                    |                    |          |          |
| 6,500.0         | 6,427.7   | 6,453.1                                                       | 6,327.1  | 20.6      | 24.1   | 18.86             | -49.2                  | 1,092.7      | 406.3                  | 362.5                   | 43.76              | 9.284             |                    |                    |          |          |
| 6,600.0         | 6,525.5   | 6,552.9                                                       | 6,423.6  | 21.1      | 24.6   | 18.74             | -49.2                  | 1,118.6      | 411.5                  | 366.8                   | 44.67              | 9.212             |                    |                    |          |          |
| 6,700.0         | 6,623.3   | 6,652.8                                                       | 6,520.0  | 21.5      | 25.1   | 18.63             | -49.2                  | 1,144.4      | 416.7                  | 371.2                   | 45.59              | 9.142             |                    |                    |          |          |
| 6,800.0         | 6,721.2   | 6,752.6                                                       | 6,616.5  | 22.0      | 25.6   | 18.52             | -49.2                  | 1,170.3      | 422.0                  | 375.5                   | 46.50              | 9.074             |                    |                    |          |          |
| 6,900.0         | 6,819.0   | 6,852.5                                                       | 6,712.9  | 22.4      | 26.0   | 18.41             | -49.2                  | 1,196.1      | 427.2                  | 379.8                   | 47.42              | 9.009             |                    |                    |          |          |
| 7,000.0         | 6,916.8   | 6,952.4                                                       | 6,809.4  | 22.9      | 26.5   | 18.31             | -49.2                  | 1,222.0      | 432.5                  | 384.1                   | 48.34              | 8.946             |                    |                    |          |          |
| 7,100.0         | 7,014.6   | 7,052.2                                                       | 6,905.8  | 23.3      | 27.0   | 18.21             | -49.2                  | 1,247.8      | 437.7                  | 388.4                   | 49.26              | 8.885             |                    |                    |          |          |
| 7,200.0         | 7,112.4   | 7,152.1                                                       | 7,002.3  | 23.8      | 27.5   | 18.11             | -49.2                  | 1,273.7      | 442.9                  | 392.7                   | 50.19              | 8.825             |                    |                    |          |          |
| 7,300.0         | 7,210.3   | 7,251.9                                                       | 7,098.7  | 24.2      | 28.0   | 18.01             | -49.2                  | 1,299.5      | 448.5                  | 397.4                   | 51.10              | 8.777             |                    |                    |          |          |
| 7,400.0         | 7,308.5   | 7,351.7                                                       | 7,195.1  | 24.6      | 28.5   | 17.86             | -49.2                  | 1,325.3      | 455.6                  | 403.5                   | 52.03              | 8.756             |                    |                    |          |          |
| 7,500.0         | 7,407.0   | 7,451.3                                                       | 7,291.3  | 25.1      | 28.9   | 17.65             | -49.2                  | 1,351.1      | 464.3                  | 411.4                   | 52.97              | 8.766             |                    |                    |          |          |
| 7,600.0         | 7,505.8   | 7,550.7                                                       | 7,387.3  | 25.5      | 29.4   | 17.40             | -49.2                  | 1,376.8      | 474.8                  | 420.8                   | 53.91              | 8.806             |                    |                    |          |          |
| 7,700.0         | 7,604.9   | 7,649.9                                                       | 7,483.2  | 25.9      | 29.9   | 17.10             | -49.2                  | 1,402.5      | 486.8                  | 432.0                   | 54.85              | 8.876             |                    |                    |          |          |
| 7,800.0         | 7,704.1   | 7,748.9                                                       | 7,578.8  | 26.3      | 30.4   | 16.77             | -49.2                  | 1,428.1      | 500.6                  | 444.8                   | 55.79              | 8.973             |                    |                    |          |          |
| 7,900.0         | 7,803.6   | 7,847.6                                                       | 7,674.2  | 26.7      | 30.9   | 16.40             | -49.2                  | 1,453.7      | 516.0                  | 459.3                   | 56.72              | 9.098             |                    |                    |          |          |
| 8,000.0         | 7,903.3   | 7,946.1                                                       | 7,769.3  | 27.1      | 31.4   | 16.01             | -49.2                  | 1,479.2      | 533.2                  | 475.5                   | 57.64              | 9.249             |                    |                    |          |          |
| 8,100.0         | 8,003.0   | 8,044.2                                                       | 7,864.0  | 27.4      | 31.8   | 15.60             | -49.2                  | 1,504.6      | 552.0                  | 493.4                   | 58.55              | 9.427             |                    |                    |          |          |
| 8,200.0         | 8,102.9   | 8,142.0                                                       | 7,958.5  | 27.8      | 32.3   | 15.18             | -49.2                  | 1,529.9      | 572.4                  | 513.0                   | 59.44              | 9.630             |                    |                    |          |          |
| 8,300.0         | 8,202.8   | 8,245.5                                                       | 8,058.5  | 28.1      | 32.8   | 14.72             | -49.2                  | 1,556.3      | 594.3                  | 534.0                   | 60.35              | 9.847             |                    |                    |          |          |
| 8,400.0         | 8,302.8   | 8,354.2                                                       | 8,164.1  | 28.3      | 33.3   | 14.27             | -49.2                  | 1,582.4      | 616.3                  | 555.0                   | 61.24              | 10.062            |                    |                    |          |          |
| 8,500.0         | 8,402.8   | 8,463.4                                                       | 8,270.6  | 28.4      | 33.9   | 101.82            | -49.2                  | 1,606.5      | 637.8                  | 575.8                   | 61.94              | 10.297            |                    |                    |          |          |
| 8,600.0         | 8,502.8   | 8,573.6                                                       | 8,378.5  | 28.4      | 34.4   | 101.42            | -49.2                  | 1,628.8      | 657.6                  | 595.0                   | 62.58              | 10.509            |                    |                    |          |          |
| 8,700.0         | 8,602.8   | 8,684.6                                                       | 8,487.6  | 28.4      | 34.9   | 101.07            | -49.2                  | 1,649.1      | 675.6                  | 612.4                   | 63.18              | 10.693            |                    |                    |          |          |
| 8,800.0         | 8,702.8   | 8,796.3                                                       | 8,597.8  | 28.5      | 35.4   | 100.78            | -49.2                  | 1,667.4      | 691.7                  | 628.0                   | 63.75              | 10.851            |                    |                    |          |          |
| 8,900.0         | 8,802.8   | 8,908.7                                                       | 8,709.1  | 28.5      | 35.9   | 100.53            | -49.2                  | 1,683.7      | 705.9                  | 641.7                   | 64.28              | 10.983            |                    |                    |          |          |
| 9,000.0         | 8,902.8   | 9,021.8                                                       | 8,821.2  | 28.5      | 36.3   | 100.32            | -49.2                  | 1,697.9      | 718.3                  | 653.5                   | 64.77              | 11.090            |                    |                    |          |          |
| 9,100.0         | 9,002.8   | 9,135.3                                                       | 8,934.1  | 28.6      | 36.8   | 100.15            | -49.2                  | 1,709.9      | 728.7                  | 663.5                   | 65.21              | 11.174            |                    |                    |          |          |
| 9,200.0         | 9,102.8   | 9,249.3                                                       | 9,047.7  | 28.6      | 37.2   | 100.02            | -49.2                  | 1,719.7      | 737.1                  | 671.5                   | 65.61              | 11.235            |                    |                    |          |          |
| 9,300.0         | 9,202.8   | 9,363.6                                                       | 9,161.8  | 28.6      | 37.6   | 99.92             | -49.2                  | 1,727.2      | 743.6                  | 677.7                   | 65.96              | 11.274            |                    |                    |          |          |
| 9,400.0         | 9,302.8   | 9,478.2                                                       | 9,276.2  | 28.7      | 38.0   | 99.85             | -49.2                  | 1,732.5      | 748.2                  | 681.9                   | 66.25              | 11.293            |                    |                    |          |          |
| 9,500.0         | 9,402.8   | 9,593.0                                                       | 9,390.9  | 28.7      | 38.4   | 99.81             | -49.2                  | 1,735.5      | 750.7                  | 684.3                   | 66.46              | 11.295            |                    |                    |          |          |
| 9,600.0         | 9,502.8   | 9,704.9                                                       | 9,502.8  | 28.7      | 38.5   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.9                   | 66.48              | 11.302            |                    |                    |          |          |
| 9,700.0         | 9,602.8   | 9,804.9                                                       | 9,602.8  | 28.8      | 38.5   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.8                   | 66.54              | 11.291            |                    |                    |          |          |
| 9,800.0         | 9,702.8   | 9,904.9                                                       | 9,702.8  | 28.8      | 38.5   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.8                   | 66.60              | 11.282            |                    |                    |          |          |
| 9,900.0         | 9,802.8   | 10,004.9                                                      | 9,802.8  | 28.9      | 38.6   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.7                   | 66.66              | 11.272            |                    |                    |          |          |
| 10,000.0        | 9,902.8   | 10,104.9                                                      | 9,902.8  | 28.9      | 38.6   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.7                   | 66.71              | 11.263            |                    |                    |          |          |
| 10,100.0        | 10,002.8  | 10,204.9                                                      | 10,002.8 | 28.9      | 38.6   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.6                   | 66.77              | 11.253            |                    |                    |          |          |
| 10,200.0        | 10,102.8  | 10,304.9                                                      | 10,102.8 | 29.0      | 38.6   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.5                   | 66.83              | 11.244            |                    |                    |          |          |
| 10,300.0        | 10,202.8  | 10,404.9                                                      | 10,202.8 | 29.0      | 38.7   | 99.80             | -49.2                  | 1,736.2      | 751.4                  | 684.5                   | 66.88              | 11.234            |                    |                    |          |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                              |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   |                    |          |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|-------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #710H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                    |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Separation Factor | Warning            |          |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                   |                    |          |
| 10,400.0                                                                     | 10,302.8              | 10,504.9              | 10,302.8              | 29.0             | 38.7          | 99.80                 | -49.2                  | 1,736.2      | 751.4                  | 684.4                   | 66.94             | 11.225             |          |
| 10,500.0                                                                     | 10,402.8              | 10,604.9              | 10,402.8              | 29.1             | 38.7          | 99.80                 | -49.2                  | 1,736.2      | 751.4                  | 684.4                   | 67.00             | 11.215             |          |
| 10,600.0                                                                     | 10,502.8              | 10,704.9              | 10,502.8              | 29.1             | 38.7          | 99.80                 | -49.2                  | 1,736.2      | 751.4                  | 684.3                   | 67.05             | 11.205             |          |
| 10,610.0                                                                     | 10,512.8              | 10,714.9              | 10,512.8              | 29.1             | 38.7          | 99.80                 | -49.2                  | 1,736.2      | 751.4                  | 684.3                   | 67.06             | 11.205             |          |
| 10,700.0                                                                     | 10,602.8              | 10,784.2              | 10,582.1              | 29.1             | 38.8          | 99.70                 | -47.9                  | 1,737.0      | 752.2                  | 684.8                   | 67.43             | 11.155             |          |
| 10,800.0                                                                     | 10,702.4              | 10,850.0              | 10,647.3              | 29.2             | 39.0          | 99.11                 | -40.9                  | 1,741.5      | 758.6                  | 690.7                   | 67.91             | 11.170             |          |
| 10,900.0                                                                     | 10,799.0              | 10,914.7              | 10,710.2              | 29.3             | 39.1          | 97.90                 | -27.8                  | 1,749.9      | 772.1                  | 704.0                   | 68.17             | 11.326             |          |
| 11,000.0                                                                     | 10,889.9              | 10,978.5              | 10,770.0              | 29.4             | 39.3          | 96.32                 | -9.2                   | 1,761.8      | 792.5                  | 724.3                   | 68.19             | 11.621             |          |
| 11,100.0                                                                     | 10,972.1              | 11,041.0              | 10,825.7              | 29.5             | 39.5          | 94.39                 | 14.4                   | 1,776.9      | 818.9                  | 750.9                   | 67.97             | 12.047             |          |
| 11,200.0                                                                     | 11,043.2              | 11,100.0              | 10,875.4              | 29.6             | 39.7          | 92.10                 | 41.2                   | 1,794.0      | 850.7                  | 783.2                   | 67.51             | 12.601             |          |
| 11,300.0                                                                     | 11,101.1              | 11,161.3              | 10,923.3              | 29.7             | 39.9          | 89.59                 | 73.5                   | 1,814.7      | 887.1                  | 820.2                   | 66.89             | 13.262             |          |
| 11,400.0                                                                     | 11,144.0              | 11,219.3              | 10,964.5              | 29.7             | 40.0          | 86.80                 | 107.9                  | 1,836.6      | 927.4                  | 861.3                   | 66.09             | 14.032             |          |
| 11,500.0                                                                     | 11,170.5              | 11,276.1              | 11,000.6              | 29.8             | 40.2          | 83.83                 | 144.7                  | 1,860.2      | 970.5                  | 905.4                   | 65.16             | 14.895             |          |
| 11,600.0                                                                     | 11,179.9              | 11,331.9              | 11,031.8              | 29.9             | 40.3          | 80.76                 | 183.7                  | 1,885.1      | 1,015.9                | 951.7                   | 64.15             | 15.836             |          |
| 11,700.0                                                                     | 11,180.0              | 11,952.6              | 11,180.0              | 30.0             | 41.1          | 90.00                 | 751.6                  | 2,021.8      | 1,028.7                | 957.6                   | 71.09             | 14.471             |          |
| 11,800.0                                                                     | 11,180.0              | 12,052.6              | 11,180.0              | 30.1             | 41.2          | 90.00                 | 851.6                  | 2,021.4      | 1,028.7                | 957.4                   | 71.32             | 14.423             |          |
| 11,900.0                                                                     | 11,180.0              | 12,152.6              | 11,180.0              | 30.2             | 41.3          | 90.00                 | 951.6                  | 2,021.0      | 1,028.7                | 957.1                   | 71.59             | 14.369             |          |
| 12,000.0                                                                     | 11,180.0              | 12,252.6              | 11,180.0              | 30.4             | 41.4          | 90.00                 | 1,051.6                | 2,020.6      | 1,028.7                | 956.8                   | 71.89             | 14.309             |          |
| 12,100.0                                                                     | 11,180.0              | 12,352.6              | 11,180.0              | 30.6             | 41.6          | 90.00                 | 1,151.6                | 2,020.2      | 1,028.7                | 956.5                   | 72.22             | 14.244             |          |
| 12,200.0                                                                     | 11,180.0              | 12,452.6              | 11,180.0              | 30.7             | 41.8          | 90.00                 | 1,251.6                | 2,019.8      | 1,028.7                | 956.1                   | 72.58             | 14.174             |          |
| 12,300.0                                                                     | 11,180.0              | 12,552.6              | 11,180.0              | 30.9             | 41.9          | 90.00                 | 1,351.6                | 2,019.4      | 1,028.7                | 955.7                   | 72.97             | 14.098             |          |
| 12,400.0                                                                     | 11,180.0              | 12,652.6              | 11,180.0              | 31.2             | 42.1          | 90.00                 | 1,451.6                | 2,019.0      | 1,028.7                | 955.3                   | 73.39             | 14.018             |          |
| 12,500.0                                                                     | 11,180.0              | 12,752.6              | 11,180.0              | 31.4             | 42.3          | 90.00                 | 1,551.6                | 2,018.6      | 1,028.7                | 954.9                   | 73.83             | 13.933             |          |
| 12,600.0                                                                     | 11,180.0              | 12,852.6              | 11,180.0              | 31.7             | 42.5          | 90.00                 | 1,651.6                | 2,018.2      | 1,028.7                | 954.4                   | 74.31             | 13.844             |          |
| 12,700.0                                                                     | 11,180.0              | 12,952.6              | 11,180.0              | 31.9             | 42.8          | 90.00                 | 1,751.6                | 2,017.9      | 1,028.7                | 953.9                   | 74.81             | 13.751             |          |
| 12,800.0                                                                     | 11,180.0              | 13,052.6              | 11,180.0              | 32.2             | 43.0          | 90.00                 | 1,851.6                | 2,017.5      | 1,028.7                | 953.4                   | 75.34             | 13.654             |          |
| 12,900.0                                                                     | 11,180.0              | 13,152.6              | 11,180.0              | 32.6             | 43.3          | 90.00                 | 1,951.6                | 2,017.1      | 1,028.7                | 952.8                   | 75.90             | 13.554             |          |
| 13,000.0                                                                     | 11,180.0              | 13,252.6              | 11,180.0              | 32.9             | 43.5          | 90.00                 | 2,051.6                | 2,016.7      | 1,028.7                | 952.2                   | 76.48             | 13.451             |          |
| 13,100.0                                                                     | 11,180.0              | 13,352.6              | 11,180.0              | 33.2             | 43.8          | 90.00                 | 2,151.6                | 2,016.3      | 1,028.7                | 951.6                   | 77.09             | 13.345             |          |
| 13,200.0                                                                     | 11,180.0              | 13,452.6              | 11,180.0              | 33.6             | 44.1          | 90.00                 | 2,251.6                | 2,015.9      | 1,028.7                | 951.0                   | 77.72             | 13.236             |          |
| 13,300.0                                                                     | 11,180.0              | 13,552.6              | 11,180.0              | 33.9             | 44.4          | 90.00                 | 2,351.6                | 2,015.5      | 1,028.7                | 950.4                   | 78.38             | 13.125             |          |
| 13,400.0                                                                     | 11,180.0              | 13,652.6              | 11,180.0              | 34.3             | 44.7          | 90.00                 | 2,451.6                | 2,015.1      | 1,028.7                | 949.7                   | 79.06             | 13.012             |          |
| 13,500.0                                                                     | 11,180.0              | 13,752.6              | 11,180.0              | 34.7             | 45.1          | 90.00                 | 2,551.6                | 2,014.7      | 1,028.7                | 949.0                   | 79.76             | 12.897             |          |
| 13,600.0                                                                     | 11,180.0              | 13,852.6              | 11,180.0              | 35.1             | 45.4          | 90.00                 | 2,651.6                | 2,014.3      | 1,028.7                | 948.2                   | 80.49             | 12.781             |          |
| 13,700.0                                                                     | 11,180.0              | 13,952.6              | 11,180.0              | 35.6             | 45.8          | 90.00                 | 2,751.6                | 2,013.9      | 1,028.7                | 947.5                   | 81.24             | 12.663             |          |
| 13,800.0                                                                     | 11,180.0              | 14,052.6              | 11,180.0              | 36.0             | 46.1          | 90.00                 | 2,851.6                | 2,013.5      | 1,028.7                | 946.7                   | 82.01             | 12.544             |          |
| 13,900.0                                                                     | 11,180.0              | 14,152.6              | 11,180.0              | 36.5             | 46.5          | 90.00                 | 2,951.6                | 2,013.1      | 1,028.7                | 945.9                   | 82.80             | 12.425             |          |
| 14,000.0                                                                     | 11,180.0              | 14,252.6              | 11,180.0              | 36.9             | 46.9          | 90.00                 | 3,051.6                | 2,012.7      | 1,028.7                | 945.1                   | 83.61             | 12.305             |          |
| 14,100.0                                                                     | 11,180.0              | 14,352.6              | 11,180.0              | 37.4             | 47.3          | 90.00                 | 3,151.5                | 2,012.3      | 1,028.8                | 944.3                   | 84.44             | 12.184             |          |
| 14,200.0                                                                     | 11,180.0              | 14,452.6              | 11,180.0              | 37.9             | 47.7          | 90.00                 | 3,251.5                | 2,011.9      | 1,028.8                | 943.5                   | 85.28             | 12.063             |          |
| 14,300.0                                                                     | 11,180.0              | 14,552.6              | 11,180.0              | 38.4             | 48.1          | 90.00                 | 3,351.5                | 2,011.5      | 1,028.8                | 942.6                   | 86.15             | 11.941             |          |
| 14,400.0                                                                     | 11,180.0              | 14,652.6              | 11,180.0              | 38.9             | 48.5          | 90.00                 | 3,451.5                | 2,011.1      | 1,028.8                | 941.7                   | 87.03             | 11.820             |          |
| 14,500.0                                                                     | 11,180.0              | 14,752.6              | 11,180.0              | 39.4             | 48.9          | 90.00                 | 3,551.5                | 2,010.7      | 1,028.8                | 940.8                   | 87.94             | 11.699             |          |
| 14,600.0                                                                     | 11,180.0              | 14,852.6              | 11,180.0              | 39.9             | 49.3          | 90.00                 | 3,651.5                | 2,010.3      | 1,028.8                | 939.9                   | 88.85             | 11.578             |          |
| 14,700.0                                                                     | 11,180.0              | 14,952.6              | 11,180.0              | 40.4             | 49.8          | 90.00                 | 3,751.5                | 2,009.9      | 1,028.8                | 939.0                   | 89.79             | 11.458             |          |
| 14,800.0                                                                     | 11,180.0              | 15,052.6              | 11,180.0              | 40.9             | 50.2          | 90.00                 | 3,851.5                | 2,009.5      | 1,028.8                | 938.0                   | 90.74             | 11.338             |          |
| 14,900.0                                                                     | 11,180.0              | 15,152.6              | 11,180.0              | 41.5             | 50.7          | 90.00                 | 3,951.5                | 2,009.1      | 1,028.8                | 937.1                   | 91.70             | 11.219             |          |
| 15,000.0                                                                     | 11,180.0              | 15,252.6              | 11,180.0              | 42.0             | 51.2          | 90.00                 | 4,051.5                | 2,008.7      | 1,028.8                | 936.1                   | 92.68             | 11.100             |          |
| 15,100.0                                                                     | 11,180.0              | 15,352.6              | 11,180.0              | 42.6             | 51.6          | 90.00                 | 4,151.5                | 2,008.3      | 1,028.8                | 935.1                   | 93.68             | 10.982             |          |
| 15,200.0                                                                     | 11,180.0              | 15,452.6              | 11,180.0              | 43.2             | 52.1          | 90.00                 | 4,251.5                | 2,007.9      | 1,028.8                | 934.1                   | 94.68             | 10.865             |          |
| 15,300.0                                                                     | 11,180.0              | 15,552.6              | 11,180.0              | 43.7             | 52.6          | 90.00                 | 4,351.5                | 2,007.5      | 1,028.8                | 933.1                   | 95.70             | 10.750             |          |
| 15,400.0                                                                     | 11,180.0              | 15,652.6              | 11,180.0              | 44.3             | 53.1          | 90.00                 | 4,451.5                | 2,007.1      | 1,028.8                | 932.0                   | 96.74             | 10.635             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM #710H - OWB - PWP0 |                       |                       |                       |           |        |                       |                        |              |                        |                         |                           |                   | Offset Site Error: | 0.0 usft |
|------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-----------------------|------------------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1+MS                                            |                       |                       |                       |           |        |                       |                        |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference | Offset | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Minimum Separation (usft) | Separation Factor | Warning            |          |
|                                                                              |                       |                       |                       | (usft)    | (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                           |                   |                    |          |
| 15,500.0                                                                     | 11,180.0              | 15,752.6              | 11,180.0              | 44.9      | 53.6   | 90.00                 | 4,551.5                | 2,006.7      | 1,028.8                | 931.0                   | 97.78                     | 10.521            |                    |          |
| 15,600.0                                                                     | 11,180.0              | 15,852.6              | 11,180.0              | 45.5      | 54.1   | 90.00                 | 4,651.5                | 2,006.3      | 1,028.8                | 929.9                   | 98.84                     | 10.408            |                    |          |
| 15,700.0                                                                     | 11,180.0              | 15,952.6              | 11,180.0              | 46.1      | 54.6   | 90.00                 | 4,751.5                | 2,005.9      | 1,028.8                | 928.9                   | 99.91                     | 10.297            |                    |          |
| 15,800.0                                                                     | 11,180.0              | 16,052.6              | 11,180.0              | 46.6      | 55.1   | 90.00                 | 4,851.5                | 2,005.5      | 1,028.8                | 927.8                   | 100.99                    | 10.187            |                    |          |
| 15,900.0                                                                     | 11,180.0              | 16,152.6              | 11,180.0              | 47.3      | 55.6   | 90.00                 | 4,951.5                | 2,005.1      | 1,028.8                | 926.7                   | 102.09                    | 10.078            |                    |          |
| 16,000.0                                                                     | 11,180.0              | 16,252.6              | 11,180.0              | 47.9      | 56.2   | 90.00                 | 5,051.5                | 2,004.7      | 1,028.8                | 925.6                   | 103.19                    | 9.970             |                    |          |
| 16,100.0                                                                     | 11,180.0              | 16,352.6              | 11,180.0              | 48.5      | 56.7   | 90.00                 | 5,151.5                | 2,004.3      | 1,028.8                | 924.5                   | 104.30                    | 9.863             |                    |          |
| 16,200.0                                                                     | 11,180.0              | 16,452.6              | 11,180.0              | 49.1      | 57.2   | 90.00                 | 5,251.5                | 2,003.9      | 1,028.8                | 923.4                   | 105.43                    | 9.758             |                    |          |
| 16,300.0                                                                     | 11,180.0              | 16,552.6              | 11,180.0              | 49.7      | 57.8   | 90.00                 | 5,351.5                | 2,003.5      | 1,028.8                | 922.2                   | 106.56                    | 9.655             |                    |          |
| 16,400.0                                                                     | 11,180.0              | 16,652.6              | 11,180.0              | 50.3      | 58.3   | 90.00                 | 5,451.5                | 2,003.1      | 1,028.8                | 921.1                   | 107.70                    | 9.552             |                    |          |
| 16,500.0                                                                     | 11,180.0              | 16,752.6              | 11,180.0              | 51.0      | 58.9   | 90.00                 | 5,551.5                | 2,002.7      | 1,028.8                | 920.0                   | 108.85                    | 9.451             |                    |          |
| 16,600.0                                                                     | 11,180.0              | 16,852.6              | 11,180.0              | 51.6      | 59.4   | 90.00                 | 5,651.5                | 2,002.3      | 1,028.8                | 918.8                   | 110.01                    | 9.352             |                    |          |
| 16,700.0                                                                     | 11,180.0              | 16,952.6              | 11,180.0              | 52.2      | 60.0   | 90.00                 | 5,751.5                | 2,001.9      | 1,028.8                | 917.6                   | 111.18                    | 9.253             |                    |          |
| 16,800.0                                                                     | 11,180.0              | 17,052.6              | 11,180.0              | 52.9      | 60.6   | 90.00                 | 5,851.5                | 2,001.6      | 1,028.8                | 916.5                   | 112.36                    | 9.156             |                    |          |
| 16,900.0                                                                     | 11,180.0              | 17,152.6              | 11,180.0              | 53.5      | 61.1   | 90.00                 | 5,951.5                | 2,001.2      | 1,028.8                | 915.3                   | 113.54                    | 9.061             |                    |          |
| 17,000.0                                                                     | 11,180.0              | 17,252.6              | 11,180.0              | 54.2      | 61.7   | 90.00                 | 6,051.5                | 2,000.8      | 1,028.8                | 914.1                   | 114.74                    | 8.967             |                    |          |
| 17,100.0                                                                     | 11,180.0              | 17,352.6              | 11,180.0              | 54.8      | 62.3   | 90.00                 | 6,151.5                | 2,000.4      | 1,028.8                | 912.9                   | 115.94                    | 8.874             |                    |          |
| 17,200.0                                                                     | 11,180.0              | 17,452.6              | 11,180.0              | 55.5      | 62.9   | 90.00                 | 6,251.5                | 2,000.0      | 1,028.8                | 911.7                   | 117.14                    | 8.783             |                    |          |
| 17,300.0                                                                     | 11,180.0              | 17,552.6              | 11,180.0              | 56.1      | 63.5   | 90.00                 | 6,351.5                | 1,999.6      | 1,028.8                | 910.5                   | 118.36                    | 8.692             |                    |          |
| 17,400.0                                                                     | 11,180.0              | 17,652.6              | 11,180.0              | 56.8      | 64.1   | 90.00                 | 6,451.5                | 1,999.2      | 1,028.8                | 909.2                   | 119.58                    | 8.604             |                    |          |
| 17,500.0                                                                     | 11,180.0              | 17,752.6              | 11,180.0              | 57.4      | 64.7   | 90.00                 | 6,551.5                | 1,998.8      | 1,028.8                | 908.0                   | 120.81                    | 8.516             |                    |          |
| 17,600.0                                                                     | 11,180.0              | 17,852.6              | 11,180.0              | 58.1      | 65.3   | 90.00                 | 6,651.5                | 1,998.4      | 1,028.8                | 906.8                   | 122.04                    | 8.430             |                    |          |
| 17,700.0                                                                     | 11,180.0              | 17,952.6              | 11,180.0              | 58.8      | 65.9   | 90.00                 | 6,751.5                | 1,998.0      | 1,028.8                | 905.6                   | 123.28                    | 8.345             |                    |          |
| 17,800.0                                                                     | 11,180.0              | 18,052.6              | 11,180.0              | 59.4      | 66.5   | 90.00                 | 6,851.5                | 1,997.6      | 1,028.8                | 904.3                   | 124.53                    | 8.262             |                    |          |
| 17,900.0                                                                     | 11,180.0              | 18,152.6              | 11,180.0              | 60.1      | 67.1   | 90.00                 | 6,951.5                | 1,997.2      | 1,028.8                | 903.1                   | 125.78                    | 8.180             |                    |          |
| 18,000.0                                                                     | 11,180.0              | 18,252.6              | 11,180.0              | 60.8      | 67.7   | 90.00                 | 7,051.5                | 1,996.8      | 1,028.8                | 901.8                   | 127.04                    | 8.099             |                    |          |
| 18,100.0                                                                     | 11,180.0              | 18,352.6              | 11,180.0              | 61.4      | 68.3   | 90.00                 | 7,151.5                | 1,996.4      | 1,028.8                | 900.5                   | 128.30                    | 8.019             |                    |          |
| 18,200.0                                                                     | 11,180.0              | 18,452.6              | 11,180.0              | 62.1      | 68.9   | 90.00                 | 7,251.5                | 1,996.0      | 1,028.8                | 899.3                   | 129.57                    | 7.940             |                    |          |
| 18,300.0                                                                     | 11,180.0              | 18,552.6              | 11,180.0              | 62.8      | 69.5   | 90.00                 | 7,351.5                | 1,995.6      | 1,028.9                | 898.0                   | 130.84                    | 7.863             |                    |          |
| 18,400.0                                                                     | 11,180.0              | 18,652.6              | 11,180.0              | 63.5      | 70.2   | 90.00                 | 7,451.5                | 1,995.2      | 1,028.9                | 896.7                   | 132.12                    | 7.787             |                    |          |
| 18,500.0                                                                     | 11,180.0              | 18,752.6              | 11,180.0              | 64.2      | 70.8   | 90.00                 | 7,551.5                | 1,994.8      | 1,028.9                | 895.4                   | 133.41                    | 7.712             |                    |          |
| 18,600.0                                                                     | 11,180.0              | 18,852.6              | 11,180.0              | 64.8      | 71.4   | 90.00                 | 7,651.5                | 1,994.4      | 1,028.9                | 894.2                   | 134.70                    | 7.638             |                    |          |
| 18,700.0                                                                     | 11,180.0              | 18,952.6              | 11,180.0              | 65.5      | 72.0   | 90.00                 | 7,751.5                | 1,994.0      | 1,028.9                | 892.9                   | 135.99                    | 7.566             |                    |          |
| 18,800.0                                                                     | 11,180.0              | 19,052.6              | 11,180.0              | 66.2      | 72.7   | 90.00                 | 7,851.5                | 1,993.6      | 1,028.9                | 891.6                   | 137.29                    | 7.494             |                    |          |
| 18,900.0                                                                     | 11,180.0              | 19,152.6              | 11,180.0              | 66.9      | 73.3   | 90.00                 | 7,951.5                | 1,993.2      | 1,028.9                | 890.3                   | 138.59                    | 7.424             |                    |          |
| 19,000.0                                                                     | 11,180.0              | 19,252.6              | 11,180.0              | 67.6      | 73.9   | 90.00                 | 8,051.5                | 1,992.8      | 1,028.9                | 889.0                   | 139.89                    | 7.355             |                    |          |
| 19,100.0                                                                     | 11,180.0              | 19,352.6              | 11,180.0              | 68.3      | 74.6   | 90.00                 | 8,151.5                | 1,992.4      | 1,028.9                | 887.7                   | 141.21                    | 7.286             |                    |          |
| 19,200.0                                                                     | 11,180.0              | 19,452.6              | 11,180.0              | 69.0      | 75.2   | 90.00                 | 8,251.5                | 1,992.0      | 1,028.9                | 886.4                   | 142.52                    | 7.219             |                    |          |
| 19,300.0                                                                     | 11,180.0              | 19,552.6              | 11,180.0              | 69.7      | 75.9   | 90.00                 | 8,351.5                | 1,991.6      | 1,028.9                | 885.0                   | 143.84                    | 7.153             |                    |          |
| 19,400.0                                                                     | 11,180.0              | 19,652.6              | 11,180.0              | 70.4      | 76.5   | 90.00                 | 8,451.5                | 1,991.2      | 1,028.9                | 883.7                   | 145.16                    | 7.088             |                    |          |
| 19,500.0                                                                     | 11,180.0              | 19,752.6              | 11,180.0              | 71.1      | 77.2   | 90.00                 | 8,551.5                | 1,990.8      | 1,028.9                | 882.4                   | 146.49                    | 7.024             |                    |          |
| 19,600.0                                                                     | 11,180.0              | 19,852.6              | 11,180.0              | 71.8      | 77.8   | 90.00                 | 8,651.5                | 1,990.4      | 1,028.9                | 881.1                   | 147.81                    | 6.961             |                    |          |
| 19,700.0                                                                     | 11,180.0              | 19,952.6              | 11,180.0              | 72.5      | 78.5   | 90.00                 | 8,751.5                | 1,990.0      | 1,028.9                | 879.7                   | 149.15                    | 6.898             |                    |          |
| 19,800.0                                                                     | 11,180.0              | 20,052.6              | 11,180.0              | 73.2      | 79.1   | 90.00                 | 8,851.5                | 1,989.6      | 1,028.9                | 878.4                   | 150.48                    | 6.837             |                    |          |
| 19,900.0                                                                     | 11,180.0              | 20,152.6              | 11,180.0              | 73.9      | 79.8   | 90.00                 | 8,951.5                | 1,989.2      | 1,028.9                | 877.1                   | 151.82                    | 6.777             |                    |          |
| 20,000.0                                                                     | 11,180.0              | 20,252.6              | 11,180.0              | 74.6      | 80.4   | 90.00                 | 9,051.5                | 1,988.8      | 1,028.9                | 875.7                   | 153.17                    | 6.717             |                    |          |
| 20,100.0                                                                     | 11,180.0              | 20,352.6              | 11,180.0              | 75.3      | 81.1   | 90.00                 | 9,151.5                | 1,988.4      | 1,028.9                | 874.4                   | 154.51                    | 6.659             |                    |          |
| 20,200.0                                                                     | 11,180.0              | 20,452.6              | 11,180.0              | 76.0      | 81.8   | 90.00                 | 9,251.5                | 1,988.0      | 1,028.9                | 873.0                   | 155.86                    | 6.601             |                    |          |
| 20,300.0                                                                     | 11,180.0              | 20,552.6              | 11,180.0              | 76.7      | 82.4   | 90.00                 | 9,351.5                | 1,987.6      | 1,028.9                | 871.7                   | 157.21                    | 6.545             |                    |          |
| 20,400.0                                                                     | 11,180.0              | 20,652.6              | 11,180.0              | 77.4      | 83.1   | 90.00                 | 9,451.5                | 1,987.2      | 1,028.9                | 870.3                   | 158.57                    | 6.489             |                    |          |
| 20,500.0                                                                     | 11,180.0              | 20,752.6              | 11,180.0              | 78.1      | 83.8   | 90.00                 | 9,551.5                | 1,986.8      | 1,028.9                | 869.0                   | 159.92                    | 6.434             |                    |          |
| 20,600.0                                                                     | 11,180.0              | 20,852.6              | 11,180.0              | 78.8      | 84.4   | 90.00                 | 9,651.5                | 1,986.4      | 1,028.9                | 867.6                   | 161.28                    | 6.379             |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                     |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          |                           |          |
|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM #710H - OWB - PWP0 |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                            |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                          | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                    |                                  | <b>Offset</b>                    |                                  | <b>Semi Major Axis</b>      |                          | <b>Highside Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>Separation Factor</b> | <b>Warning</b>            |          |
| <b>Measured Depth<br/>(usft)</b>                                                    | <b>Vertical Depth<br/>(usft)</b> | <b>Measured Depth<br/>(usft)</b> | <b>Vertical Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                  | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between Centres<br/>(usft)</b> | <b>Between Ellipses<br/>(usft)</b> |                          |                           |          |
| 20,700.0                                                                            | 11,180.0                         | 20,952.6                         | 11,180.0                         | 79.6                        | 85.1                     | 90.00                            | 9,751.5                       | 1,986.0                 | 1,028.9                           | 866.3                              | 162.65                   | 6.326                     |          |
| 20,800.0                                                                            | 11,180.0                         | 21,052.6                         | 11,180.0                         | 80.3                        | 85.8                     | 90.00                            | 9,851.5                       | 1,985.6                 | 1,028.9                           | 864.9                              | 164.01                   | 6.273                     |          |
| 20,900.0                                                                            | 11,180.0                         | 21,152.6                         | 11,180.0                         | 81.0                        | 86.4                     | 90.00                            | 9,951.5                       | 1,985.2                 | 1,028.9                           | 863.5                              | 165.38                   | 6.221                     |          |
| 21,000.0                                                                            | 11,180.0                         | 21,252.6                         | 11,180.0                         | 81.7                        | 87.1                     | 90.00                            | 10,051.5                      | 1,984.9                 | 1,028.9                           | 862.2                              | 166.75                   | 6.170                     |          |
| 21,100.0                                                                            | 11,180.0                         | 21,352.6                         | 11,180.0                         | 82.4                        | 87.8                     | 90.00                            | 10,151.5                      | 1,984.5                 | 1,028.9                           | 860.8                              | 168.13                   | 6.120                     |          |
| 21,200.0                                                                            | 11,180.0                         | 21,452.6                         | 11,180.0                         | 83.1                        | 88.5                     | 90.00                            | 10,251.5                      | 1,984.1                 | 1,028.9                           | 859.4                              | 169.50                   | 6.070                     |          |
| 21,300.0                                                                            | 11,180.0                         | 21,552.6                         | 11,180.0                         | 83.9                        | 89.2                     | 90.00                            | 10,351.5                      | 1,983.7                 | 1,028.9                           | 858.0                              | 170.88                   | 6.021                     |          |
| 21,400.0                                                                            | 11,180.0                         | 21,652.6                         | 11,180.0                         | 84.6                        | 89.8                     | 90.00                            | 10,451.5                      | 1,983.3                 | 1,028.9                           | 856.7                              | 172.26                   | 5.973                     |          |
| 21,500.0                                                                            | 11,180.0                         | 21,752.6                         | 11,180.0                         | 85.3                        | 90.5                     | 90.00                            | 10,551.5                      | 1,982.9                 | 1,028.9                           | 855.3                              | 173.64                   | 5.926                     |          |
| 21,600.0                                                                            | 11,180.0                         | 21,852.6                         | 11,180.0                         | 86.0                        | 91.2                     | 90.00                            | 10,651.5                      | 1,982.5                 | 1,028.9                           | 853.9                              | 175.03                   | 5.879                     |          |
| 21,700.0                                                                            | 11,180.0                         | 21,952.6                         | 11,180.0                         | 86.7                        | 91.9                     | 90.00                            | 10,751.5                      | 1,982.1                 | 1,028.9                           | 852.5                              | 176.41                   | 5.833                     |          |
| 21,800.0                                                                            | 11,180.0                         | 22,052.6                         | 11,180.0                         | 87.5                        | 92.6                     | 90.00                            | 10,851.5                      | 1,981.7                 | 1,028.9                           | 851.1                              | 177.80                   | 5.787                     |          |
| 21,900.0                                                                            | 11,180.0                         | 22,152.6                         | 11,180.0                         | 88.2                        | 93.3                     | 90.00                            | 10,951.5                      | 1,981.3                 | 1,028.9                           | 849.7                              | 179.19                   | 5.742                     |          |
| 22,000.0                                                                            | 11,180.0                         | 22,252.6                         | 11,180.0                         | 88.9                        | 94.0                     | 90.00                            | 11,051.5                      | 1,980.9                 | 1,028.9                           | 848.4                              | 180.58                   | 5.698                     |          |
| 22,100.0                                                                            | 11,180.0                         | 22,352.6                         | 11,180.0                         | 89.6                        | 94.6                     | 90.00                            | 11,151.5                      | 1,980.5                 | 1,028.9                           | 847.0                              | 181.98                   | 5.654                     |          |
| 22,200.0                                                                            | 11,180.0                         | 22,452.6                         | 11,180.0                         | 90.4                        | 95.3                     | 90.00                            | 11,251.5                      | 1,980.1                 | 1,028.9                           | 845.6                              | 183.37                   | 5.611                     |          |
| 22,300.0                                                                            | 11,180.0                         | 22,552.6                         | 11,180.0                         | 91.1                        | 96.0                     | 90.00                            | 11,351.5                      | 1,979.7                 | 1,028.9                           | 844.2                              | 184.77                   | 5.569                     |          |
| 22,400.0                                                                            | 11,180.0                         | 22,652.6                         | 11,180.0                         | 91.8                        | 96.7                     | 90.00                            | 11,451.5                      | 1,979.3                 | 1,028.9                           | 842.8                              | 186.17                   | 5.527                     |          |
| 22,500.0                                                                            | 11,180.0                         | 22,752.6                         | 11,180.0                         | 92.5                        | 97.4                     | 90.00                            | 11,551.5                      | 1,978.9                 | 1,029.0                           | 841.4                              | 187.57                   | 5.486                     |          |
| 22,600.0                                                                            | 11,180.0                         | 22,852.6                         | 11,180.0                         | 93.3                        | 98.1                     | 90.00                            | 11,651.5                      | 1,978.5                 | 1,029.0                           | 840.0                              | 188.98                   | 5.445                     |          |
| 22,700.0                                                                            | 11,180.0                         | 22,952.6                         | 11,180.0                         | 94.0                        | 98.8                     | 90.00                            | 11,751.5                      | 1,978.1                 | 1,029.0                           | 838.6                              | 190.38                   | 5.405                     |          |
| 22,800.0                                                                            | 11,180.0                         | 23,052.6                         | 11,180.0                         | 94.7                        | 99.5                     | 90.00                            | 11,851.5                      | 1,977.7                 | 1,029.0                           | 837.2                              | 191.79                   | 5.365                     |          |
| 22,900.0                                                                            | 11,180.0                         | 23,152.6                         | 11,180.0                         | 95.4                        | 100.2                    | 90.00                            | 11,951.5                      | 1,977.3                 | 1,029.0                           | 835.8                              | 193.20                   | 5.326                     |          |
| 23,000.0                                                                            | 11,180.0                         | 23,252.6                         | 11,180.0                         | 96.2                        | 100.9                    | 90.00                            | 12,051.5                      | 1,976.9                 | 1,029.0                           | 834.4                              | 194.61                   | 5.287                     |          |
| 23,100.0                                                                            | 11,180.0                         | 23,352.6                         | 11,180.0                         | 96.9                        | 101.6                    | 90.00                            | 12,151.5                      | 1,976.5                 | 1,029.0                           | 832.9                              | 196.02                   | 5.249                     |          |
| 23,200.0                                                                            | 11,180.0                         | 23,452.6                         | 11,180.0                         | 97.6                        | 102.3                    | 90.00                            | 12,251.5                      | 1,976.1                 | 1,029.0                           | 831.5                              | 197.43                   | 5.212                     |          |
| 23,300.0                                                                            | 11,180.0                         | 23,552.6                         | 11,180.0                         | 98.4                        | 103.0                    | 90.00                            | 12,351.5                      | 1,975.7                 | 1,029.0                           | 830.1                              | 198.84                   | 5.175                     |          |
| 23,400.0                                                                            | 11,180.0                         | 23,652.6                         | 11,180.0                         | 99.1                        | 103.7                    | 90.00                            | 12,451.5                      | 1,975.3                 | 1,029.0                           | 828.7                              | 200.26                   | 5.138                     |          |
| 23,500.0                                                                            | 11,180.0                         | 23,752.6                         | 11,180.0                         | 99.8                        | 104.4                    | 90.00                            | 12,551.5                      | 1,974.9                 | 1,029.0                           | 827.3                              | 201.68                   | 5.102                     |          |
| 23,600.0                                                                            | 11,180.0                         | 23,852.6                         | 11,180.0                         | 100.6                       | 105.1                    | 90.00                            | 12,651.5                      | 1,974.5                 | 1,029.0                           | 825.9                              | 203.09                   | 5.067                     |          |
| 23,700.0                                                                            | 11,180.0                         | 23,952.6                         | 11,180.0                         | 101.3                       | 105.8                    | 90.00                            | 12,751.5                      | 1,974.1                 | 1,029.0                           | 824.5                              | 204.51                   | 5.031                     |          |
| 23,800.0                                                                            | 11,180.0                         | 24,052.6                         | 11,180.0                         | 102.0                       | 106.5                    | 90.00                            | 12,851.5                      | 1,973.7                 | 1,029.0                           | 823.0                              | 205.93                   | 4.997                     |          |
| 23,900.0                                                                            | 11,180.0                         | 24,152.6                         | 11,180.0                         | 102.8                       | 107.2                    | 90.00                            | 12,951.5                      | 1,973.3                 | 1,029.0                           | 821.6                              | 207.36                   | 4.962                     |          |
| 24,000.0                                                                            | 11,180.0                         | 24,252.6                         | 11,180.0                         | 103.5                       | 107.9                    | 90.00                            | 13,051.5                      | 1,972.9                 | 1,029.0                           | 820.2                              | 208.78                   | 4.929                     |          |
| 24,100.0                                                                            | 11,180.0                         | 24,352.6                         | 11,180.0                         | 104.2                       | 108.7                    | 90.00                            | 13,151.5                      | 1,972.5                 | 1,029.0                           | 818.8                              | 210.21                   | 4.895                     |          |
| 24,200.0                                                                            | 11,180.0                         | 24,452.6                         | 11,180.0                         | 105.0                       | 109.4                    | 90.00                            | 13,251.5                      | 1,972.1                 | 1,029.0                           | 817.4                              | 211.63                   | 4.862                     |          |
| 24,300.0                                                                            | 11,180.0                         | 24,552.6                         | 11,180.0                         | 105.7                       | 110.1                    | 90.00                            | 13,351.5                      | 1,971.7                 | 1,029.0                           | 815.9                              | 213.06                   | 4.830                     |          |
| 24,400.0                                                                            | 11,180.0                         | 24,652.6                         | 11,180.0                         | 106.5                       | 110.8                    | 90.00                            | 13,451.5                      | 1,971.3                 | 1,029.0                           | 814.5                              | 214.49                   | 4.797                     |          |
| 24,407.8                                                                            | 11,180.0                         | 24,660.4                         | 11,180.0                         | 106.5                       | 110.8                    | 90.00                            | 13,459.3                      | 1,971.3                 | 1,029.0                           | 814.4                              | 214.60                   | 4.795                     |          |
| 24,486.5                                                                            | 11,180.0                         | 24,734.5                         | 11,180.0                         | 107.1                       | 111.4                    | 90.00                            | 13,533.4                      | 1,971.0                 | 1,029.0                           | 813.3                              | 215.74                   | 4.770                     |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 501H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 0.0                                                                         | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,475.7                       | 6.43                 | 230.539            |          |
| 100.0                                                                       | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,475.2                       | 6.89                 | 215.037            |          |
| 200.0                                                                       | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,474.8                       | 7.33                 | 202.249            |          |
| 300.0                                                                       | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,474.4                       | 7.74                 | 191.455            |          |
| 400.0                                                                       | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,474.0                       | 8.14                 | 182.178            |          |
| 500.0                                                                       | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,473.6                       | 8.51                 | 174.089            |          |
| 600.0                                                                       | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,473.2                       | 8.88                 | 166.950            |          |
| 700.0                                                                       | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,472.9                       | 9.23                 | 160.585            |          |
| 800.0                                                                       | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,472.5                       | 9.57                 | 154.863            |          |
| 900.0                                                                       | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,472.2                       | 9.90                 | 149.680            |          |
| 1,000.0                                                                     | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,471.9                       | 10.22                | 144.954            |          |
| 1,100.0                                                                     | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,471.6                       | 10.54                | 140.622            |          |
| 1,200.0                                                                     | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,471.3                       | 10.85                | 136.631            |          |
| 1,300.0                                                                     | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,471.0                       | 11.15                | 132.937            |          |
| 1,400.0                                                                     | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,470.7                       | 11.44                | 129.505            |          |
| 1,500.0                                                                     | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,470.4                       | 11.73                | 126.304            |          |
| 1,600.0                                                                     | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,470.1                       | 12.02                | 123.310            |          |
| 1,700.0                                                                     | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,469.8                       | 12.30                | 120.500            |          |
| 1,800.0                                                                     | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | -86.97                      | 78.4                   | -1,480.0        | 1,482.1                      | 1,469.5                       | 12.58                | 117.857            | CC, ES   |
| 1,900.0                                                                     | 1,900.0                     | 1,876.6                     | 1,876.6                     | 6.3                 | 6.2              | -86.99                      | 77.9                   | -1,480.7        | 1,482.9                      | 1,470.1                       | 12.82                | 115.683            |          |
| 2,000.0                                                                     | 2,000.0                     | 1,953.1                     | 1,953.1                     | 6.4                 | 6.4              | -87.04                      | 76.6                   | -1,482.6        | 1,485.3                      | 1,472.2                       | 13.05                | 113.797            |          |
| 2,100.0                                                                     | 2,100.0                     | 2,029.5                     | 2,029.4                     | 6.5                 | 6.5              | -87.13                      | 74.4                   | -1,485.7        | 1,489.2                      | 1,475.9                       | 13.28                | 112.124            |          |
| 2,200.0                                                                     | 2,200.0                     | 2,100.0                     | 2,099.7                     | 6.7                 | 6.6              | -87.25                      | 71.6                   | -1,489.7        | 1,494.8                      | 1,481.3                       | 13.50                | 110.706            |          |
| 2,300.0                                                                     | 2,300.0                     | 2,181.7                     | 2,181.0                     | 6.8                 | 6.7              | -87.42                      | 67.5                   | -1,495.6        | 1,501.9                      | 1,488.1                       | 13.75                | 109.230            |          |
| 2,400.0                                                                     | 2,400.0                     | 2,257.4                     | 2,256.3                     | 6.9                 | 6.9              | -87.61                      | 62.7                   | -1,502.4        | 1,510.6                      | 1,496.6                       | 13.99                | 107.978            |          |
| 2,500.0                                                                     | 2,500.0                     | 2,332.7                     | 2,330.9                     | 7.0                 | 7.1              | -87.83                      | 57.1                   | -1,510.4        | 1,520.9                      | 1,506.7                       | 14.24                | 106.843            |          |
| 2,600.0                                                                     | 2,600.0                     | 2,400.0                     | 2,397.5                     | 7.2                 | 7.2              | -147.97                     | 51.4                   | -1,518.6        | 1,534.0                      | 1,519.5                       | 14.48                | 105.946            |          |
| 2,700.0                                                                     | 2,699.9                     | 2,481.6                     | 2,478.0                     | 7.3                 | 7.4              | -148.20                     | 43.6                   | -1,529.7        | 1,550.8                      | 1,536.0                       | 14.73                | 105.314            |          |
| 2,800.0                                                                     | 2,799.7                     | 2,556.4                     | 2,551.6                     | 7.5                 | 7.5              | -148.40                     | 36.9                   | -1,541.1        | 1,571.3                      | 1,556.3                       | 15.01                | 104.717            |          |
| 2,900.0                                                                     | 2,899.3                     | 2,630.5                     | 2,624.5                     | 7.7                 | 7.7              | -148.56                     | 31.2                   | -1,553.4        | 1,595.5                      | 1,580.2                       | 15.32                | 104.137            |          |
| 3,000.0                                                                     | 2,998.6                     | 2,700.0                     | 2,692.7                     | 7.9                 | 7.9              | -148.66                     | 26.9                   | -1,565.8        | 1,623.2                      | 1,607.6                       | 15.64                | 103.756            |          |
| 3,100.0                                                                     | 3,097.6                     | 2,776.1                     | 2,767.2                     | 8.1                 | 8.1              | -148.92                     | 23.1                   | -1,580.5        | 1,654.0                      | 1,638.1                       | 15.97                | 103.602            |          |
| 3,200.0                                                                     | 3,196.6                     | 2,848.0                     | 2,837.6                     | 8.3                 | 8.4              | -149.20                     | 20.5                   | -1,595.3        | 1,686.3                      | 1,670.0                       | 16.33                | 103.238            |          |
| 3,300.0                                                                     | 3,295.7                     | 2,921.9                     | 2,909.6                     | 8.5                 | 8.6              | -151.62                     | 18.8                   | -1,611.5        | 1,719.9                      | 1,703.2                       | 16.70                | 102.975            |          |
| 3,400.0                                                                     | 3,394.5                     | 3,015.0                     | 3,000.3                     | 8.8                 | 8.9              | -163.33                     | 17.2                   | -1,632.4        | 1,755.7                      | 1,738.4                       | 17.27                | 101.670            |          |
| 3,500.0                                                                     | 3,493.0                     | 3,107.1                     | 3,090.1                     | 9.0                 | 9.2              | -172.44                     | 15.5                   | -1,653.0        | 1,794.2                      | 1,776.4                       | 17.83                | 100.616            |          |
| 3,600.0                                                                     | 3,591.1                     | 3,198.2                     | 3,178.9                     | 9.3                 | 9.5              | -179.02                     | 13.9                   | -1,673.5        | 1,835.4                      | 1,817.0                       | 18.41                | 99.677             |          |
| 3,700.0                                                                     | 3,688.9                     | 3,288.9                     | 3,267.2                     | 9.7                 | 9.8              | -179.07                     | 12.3                   | -1,693.8        | 1,877.6                      | 1,858.5                       | 19.06                | 98.500             |          |
| 3,800.0                                                                     | 3,786.7                     | 3,379.5                     | 3,355.5                     | 9.9                 | 10.1             | -179.12                     | 10.7                   | -1,714.1        | 1,919.8                      | 1,900.1                       | 19.67                | 97.585             |          |
| 3,900.0                                                                     | 3,884.5                     | 3,470.1                     | 3,443.9                     | 10.3                | 10.5             | -179.17                     | 9.1                    | -1,734.5        | 1,962.0                      | 1,941.7                       | 20.31                | 96.628             | SF       |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 502H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 0.0                                                                         | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,445.7                       | 6.43                            | 225.880              |          |
| 100.0                                                                       | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,445.3                       | 6.89                            | 210.691              |          |
| 200.0                                                                       | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,444.8                       | 7.33                            | 198.161              |          |
| 300.0                                                                       | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,444.4                       | 7.74                            | 187.585              |          |
| 400.0                                                                       | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,444.0                       | 8.14                            | 178.496              |          |
| 500.0                                                                       | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,443.6                       | 8.51                            | 170.570              |          |
| 600.0                                                                       | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,443.3                       | 8.88                            | 163.575              |          |
| 700.0                                                                       | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,442.9                       | 9.23                            | 157.339              |          |
| 800.0                                                                       | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,442.6                       | 9.57                            | 151.733              |          |
| 900.0                                                                       | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,442.3                       | 9.90                            | 146.654              |          |
| 1,000.0                                                                     | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,441.9                       | 10.22                           | 142.025              |          |
| 1,100.0                                                                     | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,441.6                       | 10.54                           | 137.780              |          |
| 1,200.0                                                                     | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,441.3                       | 10.85                           | 133.869              |          |
| 1,300.0                                                                     | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,441.0                       | 11.15                           | 130.250              |          |
| 1,400.0                                                                     | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,440.7                       | 11.44                           | 126.887              |          |
| 1,500.0                                                                     | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,440.4                       | 11.73                           | 123.752              |          |
| 1,600.0                                                                     | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,440.1                       | 12.02                           | 120.818              |          |
| 1,700.0                                                                     | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,439.9                       | 12.30                           | 118.065              |          |
| 1,800.0                                                                     | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,439.6                       | 12.58                           | 115.474              |          |
| 1,900.0                                                                     | 1,900.0                     | 1,900.0                     | 1,900.0                     | 6.3                 | 6.3              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,439.3                       | 12.85                           | 113.031              |          |
| 2,000.0                                                                     | 2,000.0                     | 2,000.0                     | 2,000.0                     | 6.4                 | 6.4              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,439.0                       | 13.12                           | 110.721              |          |
| 2,100.0                                                                     | 2,100.0                     | 2,100.0                     | 2,100.0                     | 6.5                 | 6.5              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,438.8                       | 13.38                           | 108.533              |          |
| 2,200.0                                                                     | 2,200.0                     | 2,200.0                     | 2,200.0                     | 6.7                 | 6.7              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,438.5                       | 13.64                           | 106.456              |          |
| 2,300.0                                                                     | 2,300.0                     | 2,300.0                     | 2,300.0                     | 6.8                 | 6.8              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,438.3                       | 13.90                           | 104.480              |          |
| 2,400.0                                                                     | 2,400.0                     | 2,400.0                     | 2,400.0                     | 6.9                 | 6.9              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,438.0                       | 14.15                           | 102.598              |          |
| 2,500.0                                                                     | 2,500.0                     | 2,500.0                     | 2,500.0                     | 7.0                 | 7.0              | -86.91                      | 78.4                   | -1,450.0        | 1,452.2                      | 1,437.8                       | 14.41                           | 100.802 CC, ES       |          |
| 2,600.0                                                                     | 2,600.0                     | 2,589.0                     | 2,589.0                     | 7.2                 | 7.2              | -146.96                     | 77.4                   | -1,450.4        | 1,453.6                      | 1,439.0                       | 14.64                           | 99.303               |          |
| 2,700.0                                                                     | 2,699.9                     | 2,677.7                     | 2,677.6                     | 7.3                 | 7.3              | -147.11                     | 74.6                   | -1,451.6        | 1,458.1                      | 1,443.2                       | 14.85                           | 98.167               |          |
| 2,800.0                                                                     | 2,799.7                     | 2,765.8                     | 2,765.6                     | 7.5                 | 7.4              | -147.36                     | 69.8                   | -1,453.5        | 1,465.5                      | 1,450.4                       | 15.08                           | 97.209               |          |
| 2,900.0                                                                     | 2,899.3                     | 2,853.1                     | 2,852.6                     | 7.7                 | 7.5              | -147.71                     | 63.3                   | -1,456.1        | 1,476.0                      | 1,460.6                       | 15.31                           | 96.388               |          |
| 3,000.0                                                                     | 2,998.6                     | 2,939.3                     | 2,938.3                     | 7.9                 | 7.7              | -148.13                     | 55.0                   | -1,459.5        | 1,489.5                      | 1,473.9                       | 15.57                           | 95.690               |          |
| 3,100.0                                                                     | 3,097.6                     | 3,024.3                     | 3,022.6                     | 8.1                 | 7.8              | -148.71                     | 45.1                   | -1,463.5        | 1,505.8                      | 1,490.0                       | 15.75                           | 95.574               |          |
| 3,200.0                                                                     | 3,196.6                     | 3,119.5                     | 3,116.9                     | 8.3                 | 7.9              | -149.44                     | 32.8                   | -1,468.5        | 1,522.8                      | 1,506.8                       | 16.01                           | 95.135               |          |
| 3,300.0                                                                     | 3,295.7                     | 3,216.0                     | 3,212.5                     | 8.5                 | 8.1              | -152.31                     | 20.3                   | -1,473.5        | 1,540.2                      | 1,523.9                       | 16.29                           | 94.568               |          |
| 3,400.0                                                                     | 3,394.5                     | 3,312.5                     | 3,308.0                     | 8.8                 | 8.3              | -164.24                     | 7.9                    | -1,478.5        | 1,559.6                      | 1,543.0                       | 16.65                           | 93.657               |          |
| 3,500.0                                                                     | 3,493.0                     | 3,408.7                     | 3,403.3                     | 9.0                 | 8.5              | -173.54                     | -4.5                   | -1,483.5        | 1,582.0                      | 1,565.0                       | 17.04                           | 92.865               |          |
| 3,600.0                                                                     | 3,591.1                     | 3,504.6                     | 3,498.2                     | 9.3                 | 8.8              | 179.67                      | -16.9                  | -1,488.5        | 1,607.2                      | 1,589.8                       | 17.44                           | 92.140               |          |
| 3,700.0                                                                     | 3,688.9                     | 3,609.5                     | 3,602.3                     | 9.7                 | 9.0              | 179.22                      | -29.8                  | -1,493.7        | 1,633.4                      | 1,615.5                       | 17.93                           | 91.076               |          |
| 3,800.0                                                                     | 3,786.7                     | 3,715.3                     | 3,707.3                     | 9.9                 | 9.3              | 178.82                      | -41.5                  | -1,498.5        | 1,659.1                      | 1,640.7                       | 18.38                           | 90.253               |          |
| 3,900.0                                                                     | 3,884.5                     | 3,821.7                     | 3,813.1                     | 10.3                | 9.6              | 178.48                      | -51.8                  | -1,502.6        | 1,684.3                      | 1,665.4                       | 18.85                           | 89.352               |          |
| 4,000.0                                                                     | 3,982.3                     | 3,928.7                     | 3,919.6                     | 10.6                | 9.9              | 178.20                      | -60.9                  | -1,506.3        | 1,708.9                      | 1,689.6                       | 19.33                           | 88.391               |          |
| 4,100.0                                                                     | 4,080.2                     | 4,036.1                     | 4,026.8                     | 10.9                | 10.2             | 177.97                      | -68.6                  | -1,509.4        | 1,733.0                      | 1,713.1                       | 19.83                           | 87.388               |          |
| 4,200.0                                                                     | 4,178.0                     | 4,144.0                     | 4,134.5                     | 11.2                | 10.5             | 177.79                      | -74.9                  | -1,512.0        | 1,756.5                      | 1,736.1                       | 20.34                           | 86.355               |          |
| 4,300.0                                                                     | 4,275.8                     | 4,252.4                     | 4,242.7                     | 11.6                | 10.8             | 177.66                      | -79.8                  | -1,514.0        | 1,779.4                      | 1,758.5                       | 20.86                           | 85.306               |          |
| 4,400.0                                                                     | 4,373.6                     | 4,361.2                     | 4,351.4                     | 12.0                | 11.0             | 177.58                      | -83.3                  | -1,515.4        | 1,801.6                      | 1,780.3                       | 21.38                           | 84.253               |          |
| 4,500.0                                                                     | 4,471.4                     | 4,470.3                     | 4,460.5                     | 12.3                | 11.3             | 177.54                      | -85.4                  | -1,516.2        | 1,823.3                      | 1,801.4                       | 21.91                           | 83.210               |          |
| 4,600.0                                                                     | 4,569.2                     | 4,579.0                     | 4,569.2                     | 12.7                | 11.4             | 177.55                      | -86.0                  | -1,516.5        | 1,844.4                      | 1,821.9                       | 22.41                           | 82.292               |          |
| 4,700.0                                                                     | 4,667.0                     | 4,676.8                     | 4,667.0                     | 13.1                | 11.5             | 177.58                      | -86.0                  | -1,516.5        | 1,865.1                      | 1,842.2                       | 22.90                           | 81.441               |          |
| 4,800.0                                                                     | 4,764.9                     | 4,774.7                     | 4,764.9                     | 13.5                | 11.6             | 177.61                      | -86.0                  | -1,516.5        | 1,885.9                      | 1,862.5                       | 23.41                           | 80.563               |          |
| 4,900.0                                                                     | 4,862.7                     | 4,872.5                     | 4,862.7                     | 13.9                | 11.6             | 177.63                      | -86.0                  | -1,516.5        | 1,906.7                      | 1,882.8                       | 23.92                           | 79.696               |          |
| 5,000.0                                                                     | 4,960.5                     | 4,970.3                     | 4,960.5                     | 14.3                | 11.7             | 177.66                      | -86.0                  | -1,516.5        | 1,927.4                      | 1,903.0                       | 24.45                           | 78.841               |          |
| 5,100.0                                                                     | 5,058.3                     | 5,068.1                     | 5,058.3                     | 14.7                | 11.8             | 177.69                      | -86.0                  | -1,516.5        | 1,948.2                      | 1,923.2                       | 24.98                           | 77.999               |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   |                             |  |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 502H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   | Offset Site Error: 0.0 usft |  |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                   |                       | Offset                |                       | Semi Major Axis  |               |                       | Offset Wellbore Centre |              | Rule Assigned: Distance |                         |                           | Warning           |                             |  |
| Measured Depth (usft)                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                             |  |
| 5,200.0                                                                     | 5,156.1               | 5,165.9               | 5,156.1               | 15.1             | 11.8          | 177.71                | -86.0                  | -1,516.5     | 1,969.0                 | 1,943.5                 | 25.51                     | 77.171            |                             |  |
| 5,300.0                                                                     | 5,253.9               | 5,263.7               | 5,253.9               | 15.5             | 11.9          | 177.73                | -86.0                  | -1,516.5     | 1,989.8                 | 1,963.7                 | 26.06                     | 76.358 SF         |                             |  |

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                    |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          |                                    |
|------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM 503H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1                                              |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                   |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                          |                                    |
| 0.0                                                                                | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 146.5                          | 6.43                             | 23.790                   |                                    |
| 100.0                                                                              | 100.0                        | 100.0                        | 100.0                        | 3.2                     | 3.2                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 146.0                          | 6.89                             | 22.190                   |                                    |
| 200.0                                                                              | 200.0                        | 200.0                        | 200.0                        | 3.5                     | 3.5                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 145.6                          | 7.33                             | 20.870                   |                                    |
| 300.0                                                                              | 300.0                        | 300.0                        | 300.0                        | 3.7                     | 3.7                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 145.2                          | 7.74                             | 19.756                   |                                    |
| 400.0                                                                              | 400.0                        | 400.0                        | 400.0                        | 3.9                     | 3.9                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 144.8                          | 8.14                             | 18.799                   |                                    |
| 500.0                                                                              | 500.0                        | 500.0                        | 500.0                        | 4.1                     | 4.1                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 144.4                          | 8.51                             | 17.964                   |                                    |
| 600.0                                                                              | 600.0                        | 600.0                        | 600.0                        | 4.2                     | 4.2                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 144.1                          | 8.88                             | 17.228                   |                                    |
| 700.0                                                                              | 700.0                        | 700.0                        | 700.0                        | 4.4                     | 4.4                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 143.7                          | 9.23                             | 16.571                   |                                    |
| 800.0                                                                              | 800.0                        | 800.0                        | 800.0                        | 4.6                     | 4.6                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 143.4                          | 9.57                             | 15.980                   |                                    |
| 900.0                                                                              | 900.0                        | 900.0                        | 900.0                        | 4.8                     | 4.8                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 143.0                          | 9.90                             | 15.446                   |                                    |
| 1,000.0                                                                            | 1,000.0                      | 1,000.0                      | 1,000.0                      | 4.9                     | 4.9                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 142.7                          | 10.22                            | 14.958                   |                                    |
| 1,100.0                                                                            | 1,100.0                      | 1,100.0                      | 1,100.0                      | 5.1                     | 5.1                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 142.4                          | 10.54                            | 14.511                   |                                    |
| 1,200.0                                                                            | 1,200.0                      | 1,200.0                      | 1,200.0                      | 5.2                     | 5.2                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 142.1                          | 10.85                            | 14.099                   |                                    |
| 1,300.0                                                                            | 1,300.0                      | 1,300.0                      | 1,300.0                      | 5.4                     | 5.4                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 141.8                          | 11.15                            | 13.718                   |                                    |
| 1,400.0                                                                            | 1,400.0                      | 1,400.0                      | 1,400.0                      | 5.5                     | 5.5                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 141.5                          | 11.44                            | 13.364                   |                                    |
| 1,500.0                                                                            | 1,500.0                      | 1,500.0                      | 1,500.0                      | 5.7                     | 5.7                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 141.2                          | 11.73                            | 13.034                   |                                    |
| 1,600.0                                                                            | 1,600.0                      | 1,600.0                      | 1,600.0                      | 5.8                     | 5.8                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 140.9                          | 12.02                            | 12.725                   |                                    |
| 1,700.0                                                                            | 1,700.0                      | 1,700.0                      | 1,700.0                      | 6.0                     | 6.0                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 140.6                          | 12.30                            | 12.435                   |                                    |
| 1,800.0                                                                            | 1,800.0                      | 1,800.0                      | 1,800.0                      | 6.1                     | 6.1                  | -11.31                       | 150.0                         | -30.0               | 152.9                         | 140.4                          | 12.58                            | 12.162                   |                                    |
| 1,900.0                                                                            | 1,900.0                      | 1,901.7                      | 1,901.7                      | 6.3                     | 6.3                  | -11.77                       | 149.2                         | -31.1               | 152.4                         | 139.5                          | 12.84                            | 11.867                   |                                    |
| 2,000.0                                                                            | 2,000.0                      | 2,003.3                      | 2,003.2                      | 6.4                     | 6.4                  | -13.17                       | 146.7                         | -34.3               | 150.7                         | 137.6                          | 13.09                            | 11.518                   |                                    |
| 2,100.0                                                                            | 2,100.0                      | 2,104.7                      | 2,104.3                      | 6.5                     | 6.6                  | -15.55                       | 142.7                         | -39.7               | 148.1                         | 134.8                          | 13.33                            | 11.116                   |                                    |
| 2,200.0                                                                            | 2,200.0                      | 2,205.5                      | 2,204.8                      | 6.7                     | 6.8                  | -19.00                       | 137.0                         | -47.2               | 145.0                         | 131.4                          | 13.57                            | 10.688                   |                                    |
| 2,300.0                                                                            | 2,300.0                      | 2,305.9                      | 2,304.4                      | 6.8                     | 7.0                  | -23.59                       | 129.8                         | -56.7               | 141.8                         | 128.0                          | 13.79                            | 10.276                   |                                    |
| 2,400.0                                                                            | 2,400.0                      | 2,405.1                      | 2,402.7                      | 6.9                     | 7.2                  | -29.10                       | 121.6                         | -67.7               | 139.2                         | 125.2                          | 13.97                            | 9.960                    |                                    |
| 2,500.0                                                                            | 2,500.0                      | 2,504.1                      | 2,500.8                      | 7.0                     | 7.4                  | -34.78                       | 113.3                         | -78.7               | 137.9                         | 123.7                          | 14.20                            | 9.711                    |                                    |
| 2,531.2                                                                            | 2,531.2                      | 2,535.0                      | 2,531.3                      | 7.1                     | 7.4                  | -96.62                       | 110.7                         | -82.1               | 137.8                         | 123.6                          | 14.28                            | 9.655 CC, ES             |                                    |
| 2,600.0                                                                            | 2,600.0                      | 2,603.0                      | 2,598.6                      | 7.2                     | 7.6                  | -101.00                      | 105.0                         | -89.7               | 138.3                         | 123.9                          | 14.44                            | 9.582                    |                                    |
| 2,700.0                                                                            | 2,699.9                      | 2,701.4                      | 2,696.1                      | 7.3                     | 7.9                  | -108.05                      | 96.8                          | -100.6              | 141.2                         | 126.5                          | 14.69                            | 9.610                    |                                    |
| 2,800.0                                                                            | 2,799.7                      | 2,799.3                      | 2,793.0                      | 7.5                     | 8.1                  | -115.55                      | 88.6                          | -111.5              | 147.3                         | 132.3                          | 15.00                            | 9.818                    |                                    |
| 2,900.0                                                                            | 2,899.3                      | 2,896.6                      | 2,889.4                      | 7.7                     | 8.4                  | -123.06                      | 80.4                          | -122.3              | 157.2                         | 141.8                          | 15.38                            | 10.218                   |                                    |
| 3,000.0                                                                            | 2,998.6                      | 2,993.4                      | 2,985.2                      | 7.9                     | 8.7                  | -130.17                      | 72.3                          | -133.0              | 171.3                         | 155.5                          | 15.85                            | 10.808                   |                                    |
| 3,100.0                                                                            | 3,097.6                      | 3,089.5                      | 3,080.4                      | 8.1                     | 9.0                  | -136.64                      | 64.3                          | -143.7              | 189.3                         | 172.9                          | 16.33                            | 11.591                   |                                    |
| 3,200.0                                                                            | 3,196.6                      | 3,185.7                      | 3,175.6                      | 8.3                     | 9.3                  | -142.06                      | 56.2                          | -154.4              | 209.4                         | 192.5                          | 16.89                            | 12.395                   |                                    |
| 3,300.0                                                                            | 3,295.7                      | 3,281.8                      | 3,270.8                      | 8.5                     | 9.6                  | -148.66                      | 48.2                          | -165.1              | 231.1                         | 213.6                          | 17.46                            | 13.236                   |                                    |
| 3,400.0                                                                            | 3,394.5                      | 3,377.7                      | 3,365.8                      | 8.8                     | 9.9                  | -163.38                      | 40.1                          | -175.8              | 255.7                         | 237.6                          | 18.09                            | 14.133                   |                                    |
| 3,500.0                                                                            | 3,493.0                      | 3,473.1                      | 3,460.2                      | 9.0                     | 10.3                 | -174.55                      | 32.1                          | -186.4              | 283.7                         | 265.0                          | 18.72                            | 15.159                   |                                    |
| 3,600.0                                                                            | 3,591.1                      | 3,567.9                      | 3,554.1                      | 9.3                     | 10.6                 | -177.53                      | 24.2                          | -196.9              | 314.7                         | 295.3                          | 19.33                            | 16.280                   |                                    |
| 3,700.0                                                                            | 3,688.9                      | 3,662.3                      | 3,647.7                      | 9.7                     | 10.9                 | -176.44                      | 16.3                          | -207.4              | 346.8                         | 326.8                          | 20.00                            | 17.346                   |                                    |
| 3,800.0                                                                            | 3,786.7                      | 3,756.8                      | 3,741.3                      | 9.9                     | 11.3                 | -175.54                      | 8.4                           | -217.9              | 379.1                         | 358.5                          | 20.62                            | 18.389                   |                                    |
| 3,900.0                                                                            | 3,884.5                      | 3,851.3                      | 3,834.8                      | 10.3                    | 11.6                 | -174.77                      | 0.5                           | -228.4              | 411.5                         | 390.2                          | 21.25                            | 19.362                   |                                    |
| 4,000.0                                                                            | 3,982.3                      | 3,945.8                      | 3,928.4                      | 10.6                    | 12.0                 | -174.12                      | -7.5                          | -238.9              | 443.9                         | 422.0                          | 21.90                            | 20.270                   |                                    |
| 4,100.0                                                                            | 4,080.2                      | 4,040.3                      | 4,022.0                      | 10.9                    | 12.3                 | -173.56                      | -15.4                         | -249.4              | 476.3                         | 453.8                          | 22.56                            | 21.117                   |                                    |
| 4,200.0                                                                            | 4,178.0                      | 4,134.8                      | 4,115.5                      | 11.2                    | 12.7                 | -173.06                      | -23.3                         | -259.9              | 508.8                         | 485.6                          | 23.23                            | 21.907                   |                                    |
| 4,300.0                                                                            | 4,275.8                      | 4,229.3                      | 4,209.1                      | 11.6                    | 13.0                 | -172.63                      | -31.2                         | -270.4              | 541.3                         | 517.4                          | 23.90                            | 22.652                   |                                    |
| 4,400.0                                                                            | 4,373.6                      | 4,326.7                      | 4,305.6                      | 12.0                    | 13.4                 | -172.25                      | -39.2                         | -281.1              | 573.7                         | 549.1                          | 24.58                            | 23.339                   |                                    |
| 4,500.0                                                                            | 4,471.4                      | 4,426.1                      | 4,404.1                      | 12.3                    | 13.7                 | -171.93                      | -47.0                         | -291.3              | 605.4                         | 580.1                          | 25.31                            | 23.923                   |                                    |
| 4,600.0                                                                            | 4,569.2                      | 4,525.9                      | 4,503.3                      | 12.7                    | 14.1                 | -171.69                      | -54.2                         | -301.0              | 636.4                         | 610.3                          | 26.03                            | 24.444                   |                                    |
| 4,700.0                                                                            | 4,667.0                      | 4,626.3                      | 4,603.0                      | 13.1                    | 14.5                 | -171.50                      | -61.0                         | -309.9              | 666.6                         | 639.9                          | 26.76                            | 24.908                   |                                    |
| 4,800.0                                                                            | 4,764.9                      | 4,727.2                      | 4,703.4                      | 13.5                    | 14.9                 | -171.36                      | -67.2                         | -318.2              | 696.1                         | 668.6                          | 27.49                            | 25.319                   |                                    |
| 4,900.0                                                                            | 4,862.7                      | 4,828.6                      | 4,804.3                      | 13.9                    | 15.2                 | -171.27                      | -73.0                         | -325.9              | 724.9                         | 696.7                          | 28.23                            | 25.682                   |                                    |
| 5,000.0                                                                            | 4,960.5                      | 4,930.5                      | 4,905.9                      | 14.3                    | 15.6                 | -171.22                      | -78.2                         | -332.8              | 752.9                         | 723.9                          | 28.95                            | 26.002                   |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 503H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |          |
| 5,100.0                                                                     | 5,058.3                     | 5,032.9                     | 5,007.9                     | 14.7                | 16.0             | 171.20                      | -82.9                  | -339.1          | 780.1                        | 750.4                         | 29.68                           | 26.283               |                    |          |
| 5,200.0                                                                     | 5,156.1                     | 5,135.7                     | 5,110.5                     | 15.1                | 16.3             | 171.21                      | -87.1                  | -344.7          | 806.5                        | 776.1                         | 30.40                           | 26.528               |                    |          |
| 5,300.0                                                                     | 5,253.9                     | 5,238.9                     | 5,213.6                     | 15.5                | 16.7             | 171.25                      | -90.8                  | -349.5          | 832.2                        | 801.1                         | 31.12                           | 26.741               |                    |          |
| 5,400.0                                                                     | 5,351.8                     | 5,342.6                     | 5,317.1                     | 15.9                | 17.0             | 171.32                      | -93.9                  | -353.6          | 857.1                        | 825.3                         | 31.83                           | 26.927               |                    |          |
| 5,500.0                                                                     | 5,449.6                     | 5,446.7                     | 5,421.1                     | 16.3                | 17.3             | 171.41                      | -96.4                  | -357.0          | 881.2                        | 848.7                         | 32.53                           | 27.087               |                    |          |
| 5,600.0                                                                     | 5,547.4                     | 5,551.2                     | 5,525.6                     | 16.7                | 17.6             | 171.53                      | -98.4                  | -359.6          | 904.6                        | 871.3                         | 33.22                           | 27.227               |                    |          |
| 5,700.0                                                                     | 5,645.2                     | 5,656.1                     | 5,630.4                     | 17.2                | 17.9             | 171.67                      | -99.8                  | -361.5          | 927.1                        | 893.2                         | 33.90                           | 27.352               |                    |          |
| 5,800.0                                                                     | 5,743.0                     | 5,761.4                     | 5,735.7                     | 17.6                | 18.2             | 171.82                      | -100.7                 | -362.6          | 948.8                        | 914.3                         | 34.54                           | 27.468               |                    |          |
| 5,900.0                                                                     | 5,840.8                     | 5,866.5                     | 5,840.8                     | 18.0                | 18.3             | 172.00                      | -100.9                 | -363.0          | 969.8                        | 934.7                         | 35.10                           | 27.627               |                    |          |
| 6,000.0                                                                     | 5,938.6                     | 5,964.3                     | 5,938.6                     | 18.4                | 18.4             | 172.17                      | -100.9                 | -363.0          | 990.4                        | 954.8                         | 35.55                           | 27.855               |                    |          |
| 6,100.0                                                                     | 6,036.5                     | 6,062.1                     | 6,036.5                     | 18.9                | 18.4             | 172.33                      | -100.9                 | -363.0          | 1,011.0                      | 975.0                         | 36.02                           | 28.064               |                    |          |
| 6,200.0                                                                     | 6,134.3                     | 6,159.9                     | 6,134.3                     | 19.3                | 18.4             | 172.48                      | -100.9                 | -363.0          | 1,031.6                      | 995.1                         | 36.50                           | 28.262               |                    |          |
| 6,300.0                                                                     | 6,232.1                     | 6,257.8                     | 6,232.1                     | 19.7                | 18.5             | 172.63                      | -100.9                 | -363.0          | 1,052.2                      | 1,015.2                       | 36.98                           | 28.450               |                    |          |
| 6,400.0                                                                     | 6,329.9                     | 6,355.6                     | 6,329.9                     | 20.2                | 18.5             | 172.77                      | -100.9                 | -363.0          | 1,072.9                      | 1,035.4                       | 37.47                           | 28.629               |                    |          |
| 6,500.0                                                                     | 6,427.7                     | 6,453.4                     | 6,427.7                     | 20.6                | 18.5             | 172.91                      | -100.9                 | -363.0          | 1,093.5                      | 1,055.5                       | 37.97                           | 28.798               |                    |          |
| 6,600.0                                                                     | 6,525.5                     | 6,551.2                     | 6,525.5                     | 21.1                | 18.6             | 173.04                      | -100.9                 | -363.0          | 1,114.1                      | 1,075.7                       | 38.47                           | 28.959               |                    |          |
| 6,700.0                                                                     | 6,623.3                     | 6,649.0                     | 6,623.3                     | 21.5                | 18.6             | 173.17                      | -100.9                 | -363.0          | 1,134.8                      | 1,095.8                       | 38.98                           | 29.112               |                    |          |
| 6,800.0                                                                     | 6,721.2                     | 6,746.8                     | 6,721.2                     | 22.0                | 18.7             | 173.29                      | -100.9                 | -363.0          | 1,155.4                      | 1,115.9                       | 39.49                           | 29.257               |                    |          |
| 6,900.0                                                                     | 6,819.0                     | 6,844.7                     | 6,819.0                     | 22.4                | 18.7             | 173.41                      | -100.9                 | -363.0          | 1,176.1                      | 1,136.1                       | 40.01                           | 29.394               |                    |          |
| 7,000.0                                                                     | 6,916.8                     | 6,942.5                     | 6,916.8                     | 22.9                | 18.7             | 173.52                      | -100.9                 | -363.0          | 1,196.7                      | 1,156.2                       | 40.53                           | 29.525               |                    |          |
| 7,100.0                                                                     | 7,014.6                     | 7,040.3                     | 7,014.6                     | 23.3                | 18.8             | 173.63                      | -100.9                 | -363.0          | 1,217.4                      | 1,176.4                       | 41.06                           | 29.648               |                    |          |
| 7,200.0                                                                     | 7,112.4                     | 7,138.1                     | 7,112.4                     | 23.8                | 18.8             | 173.74                      | -100.9                 | -363.0          | 1,238.1                      | 1,196.5                       | 41.59                           | 29.766               |                    |          |
| 7,300.0                                                                     | 7,210.3                     | 7,236.0                     | 7,210.3                     | 24.2                | 18.9             | 173.85                      | -100.9                 | -363.0          | 1,258.4                      | 1,216.3                       | 42.11                           | 29.884               |                    |          |
| 7,400.0                                                                     | 7,308.5                     | 7,334.2                     | 7,308.5                     | 24.6                | 18.9             | 173.97                      | -100.9                 | -363.0          | 1,277.2                      | 1,234.6                       | 42.64                           | 29.952               |                    |          |
| 7,500.0                                                                     | 7,407.0                     | 7,432.7                     | 7,407.0                     | 25.1                | 18.9             | 174.06                      | -100.9                 | -363.0          | 1,294.3                      | 1,251.1                       | 43.17                           | 29.983               |                    |          |
| 7,600.0                                                                     | 7,505.8                     | 7,531.5                     | 7,505.8                     | 25.5                | 19.0             | 174.15                      | -100.9                 | -363.0          | 1,309.7                      | 1,266.0                       | 43.69                           | 29.979               |                    |          |
| 7,700.0                                                                     | 7,604.9                     | 7,630.5                     | 7,604.9                     | 25.9                | 19.0             | 174.22                      | -100.9                 | -363.0          | 1,323.3                      | 1,279.1                       | 44.20                           | 29.942               |                    |          |
| 7,800.0                                                                     | 7,704.1                     | 7,729.8                     | 7,704.1                     | 26.3                | 19.1             | 174.29                      | -100.9                 | -363.0          | 1,335.2                      | 1,290.5                       | 44.69                           | 29.875               |                    |          |
| 7,900.0                                                                     | 7,803.6                     | 7,829.3                     | 7,803.6                     | 26.7                | 19.1             | 174.34                      | -100.9                 | -363.0          | 1,345.4                      | 1,300.3                       | 45.18                           | 29.780               |                    |          |
| 8,000.0                                                                     | 7,903.3                     | 7,928.9                     | 7,903.3                     | 27.1                | 19.2             | 174.38                      | -100.9                 | -363.0          | 1,353.9                      | 1,308.3                       | 45.65                           | 29.659               |                    |          |
| 8,100.0                                                                     | 8,003.0                     | 8,028.7                     | 8,003.0                     | 27.4                | 19.2             | 174.42                      | -100.9                 | -363.0          | 1,360.6                      | 1,314.5                       | 46.10                           | 29.517               |                    |          |
| 8,200.0                                                                     | 8,102.9                     | 8,128.6                     | 8,102.9                     | 27.8                | 19.2             | 174.44                      | -100.9                 | -363.0          | 1,365.7                      | 1,319.1                       | 46.52                           | 29.356               |                    |          |
| 8,300.0                                                                     | 8,202.8                     | 8,228.5                     | 8,202.8                     | 28.1                | 19.3             | 174.46                      | -100.9                 | -363.0          | 1,368.9                      | 1,322.0                       | 46.91                           | 29.183               |                    |          |
| 8,400.0                                                                     | 8,302.8                     | 8,328.5                     | 8,302.8                     | 28.3                | 19.3             | 174.47                      | -100.9                 | -363.0          | 1,370.5                      | 1,323.2                       | 47.24                           | 29.012               |                    |          |
| 8,500.0                                                                     | 8,402.8                     | 8,428.5                     | 8,402.8                     | 28.4                | 19.4             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,323.3                       | 47.34                           | 28.955               |                    |          |
| 8,600.0                                                                     | 8,502.8                     | 8,528.5                     | 8,502.8                     | 28.4                | 19.4             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,323.2                       | 47.41                           | 28.909               |                    |          |
| 8,700.0                                                                     | 8,602.8                     | 8,628.5                     | 8,602.8                     | 28.4                | 19.5             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,323.1                       | 47.49                           | 28.863               |                    |          |
| 8,800.0                                                                     | 8,702.8                     | 8,728.5                     | 8,702.8                     | 28.5                | 19.5             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,323.0                       | 47.56                           | 28.818               |                    |          |
| 8,900.0                                                                     | 8,802.8                     | 8,828.5                     | 8,802.8                     | 28.5                | 19.6             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,323.0                       | 47.64                           | 28.772               |                    |          |
| 9,000.0                                                                     | 8,902.8                     | 8,928.5                     | 8,902.8                     | 28.5                | 19.6             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,322.9                       | 47.71                           | 28.725               |                    |          |
| 9,100.0                                                                     | 9,002.8                     | 9,028.5                     | 9,002.8                     | 28.6                | 19.7             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,322.8                       | 47.79                           | 28.679               |                    |          |
| 9,200.0                                                                     | 9,102.8                     | 9,128.5                     | 9,102.8                     | 28.6                | 19.7             | -97.53                      | -100.9                 | -363.0          | 1,370.6                      | 1,322.7                       | 47.86                           | 28.635               |                    |          |
| 9,300.0                                                                     | 9,202.8                     | 9,250.3                     | 9,224.4                     | 28.6                | 19.6             | -97.34                      | -96.3                  | -363.0          | 1,370.2                      | 1,322.2                       | 47.96                           | 28.571               |                    |          |
| 9,400.0                                                                     | 9,302.8                     | 9,384.9                     | 9,354.7                     | 28.7                | 19.4             | -95.99                      | -63.9                  | -363.1          | 1,367.4                      | 1,319.4                       | 47.95                           | 28.516               |                    |          |
| 9,500.0                                                                     | 9,402.8                     | 9,499.4                     | 9,457.1                     | 28.7                | 19.2             | -93.86                      | -12.9                  | -363.3          | 1,363.3                      | 1,315.5                       | 47.82                           | 28.507               |                    |          |
| 9,600.0                                                                     | 9,502.8                     | 9,591.1                     | 9,530.5                     | 28.7                | 19.1             | -91.55                      | 41.9                   | -363.5          | 1,360.1                      | 1,312.5                       | 47.61                           | 28.566               |                    |          |
| 9,660.6                                                                     | 9,563.5                     | 9,636.7                     | 9,563.5                     | 28.8                | 19.0             | -90.23                      | 73.3                   | -363.6          | 1,359.5                      | 1,312.0                       | 47.46                           | 28.645               |                    |          |
| 9,700.0                                                                     | 9,602.8                     | 9,662.8                     | 9,581.2                     | 28.8                | 19.0             | -89.42                      | 92.4                   | -363.7          | 1,359.8                      | 1,312.4                       | 47.35                           | 28.718               |                    |          |
| 9,800.0                                                                     | 9,702.8                     | 9,718.7                     | 9,616.1                     | 28.8                | 18.9             | -87.58                      | 136.1                  | -363.9          | 1,363.7                      | 1,316.6                       | 47.04                           | 28.987               |                    |          |
| 9,900.0                                                                     | 9,802.8                     | 9,762.7                     | 9,640.6                     | 28.9                | 18.9             | -86.05                      | 172.7                  | -364.0          | 1,372.7                      | 1,326.0                       | 46.70                           | 29.393               |                    |          |
| 10,000.0                                                                    | 9,902.8                     | 9,800.0                     | 9,659.0                     | 28.9                | 18.9             | -84.69                      | 205.1                  | -364.2          | 1,387.4                      | 1,341.1                       | 46.33                           | 29.947               |                    |          |
| 10,100.0                                                                    | 10,002.8                    | 9,826.6                     | 9,670.8                     | 28.9                | 18.9             | -83.70                      | 228.9                  | -364.3          | 1,408.0                      | 1,362.1                       | 45.95                           | 30.642               |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 503H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 10,200.0                                                                    | 10,102.8                    | 9,850.0                     | 9,680.3                     | 29.0                | 18.9             | -82.81                      | 250.3                  | -364.3          | 1,434.6                      | 1,389.0                       | 45.57                           | 31.484               |          |
| 10,300.0                                                                    | 10,202.8                    | 9,869.9                     | 9,687.7                     | 29.0                | 18.9             | -82.05                      | 268.8                  | -364.4          | 1,466.9                      | 1,421.7                       | 45.19                           | 32.459               |          |
| 10,400.0                                                                    | 10,302.8                    | 9,886.6                     | 9,693.4                     | 29.0                | 18.9             | -81.40                      | 284.5                  | -364.5          | 1,504.7                      | 1,459.9                       | 44.84                           | 33.555               |          |
| 10,500.0                                                                    | 10,402.8                    | 9,900.0                     | 9,697.6                     | 29.1                | 18.9             | -80.88                      | 297.2                  | -364.5          | 1,547.8                      | 1,503.2                       | 44.53                           | 34.758               |          |
| 10,600.0                                                                    | 10,502.8                    | 9,900.0                     | 9,697.6                     | 29.1                | 18.9             | -80.88                      | 297.2                  | -364.5          | 1,595.8                      | 1,551.5                       | 44.27                           | 36.047               |          |
| 10,700.0                                                                    | 10,602.8                    | 9,924.0                     | 9,704.5                     | 29.1                | 18.9             | -79.93                      | 320.2                  | -364.6          | 1,648.1                      | 1,604.0                       | 44.04                           | 37.422               |          |
| 10,800.0                                                                    | 10,702.4                    | 9,950.0                     | 9,710.8                     | 29.2                | 18.9             | -72.62                      | 345.4                  | -364.7          | 1,703.3                      | 1,659.4                       | 43.84                           | 38.853               |          |
| 10,900.0                                                                    | 10,799.0                    | 9,950.0                     | 9,710.8                     | 29.3                | 18.9             | -66.54                      | 345.4                  | -364.7          | 1,757.7                      | 1,714.0                       | 43.73                           | 40.193               |          |
| 11,000.0                                                                    | 10,889.9                    | 9,972.1                     | 9,715.3                     | 29.4                | 18.9             | -60.46                      | 367.0                  | -364.8          | 1,809.9                      | 1,766.2                       | 43.69                           | 41.428               |          |
| 11,100.0                                                                    | 10,972.1                    | 10,000.0                    | 9,719.7                     | 29.5                | 19.0             | -55.21                      | 394.6                  | -364.9          | 1,858.1                      | 1,814.4                       | 43.71                           | 42.513               |          |
| 11,200.0                                                                    | 11,043.2                    | 10,018.1                    | 9,721.9                     | 29.6                | 19.0             | -51.14                      | 412.6                  | -365.0          | 1,900.8                      | 1,857.0                       | 43.78                           | 43.420               |          |
| 11,300.0                                                                    | 11,101.1                    | 10,050.0                    | 9,724.3                     | 29.7                | 19.1             | -47.82                      | 444.4                  | -365.1          | 1,936.9                      | 1,893.0                       | 43.89                           | 44.134               |          |
| 11,400.0                                                                    | 11,144.0                    | 10,077.7                    | 9,725.0                     | 29.7                | 19.1             | -45.44                      | 472.0                  | -365.2          | 1,965.3                      | 1,921.3                       | 44.01                           | 44.656               |          |
| 11,500.0                                                                    | 11,170.5                    | 10,148.3                    | 9,725.0                     | 29.8                | 19.3             | -43.72                      | 542.7                  | -365.5          | 1,984.4                      | 1,940.2                       | 44.20                           | 44.899               |          |
| 11,600.0                                                                    | 11,179.9                    | 10,247.7                    | 9,725.0                     | 29.9                | 19.5             | -43.06                      | 642.1                  | -365.9          | 1,991.3                      | 1,946.8                       | 44.48                           | 44.765               |          |
| 11,700.0                                                                    | 11,180.0                    | 10,347.7                    | 9,725.0                     | 30.0                | 19.8             | -43.06                      | 742.1                  | -366.3          | 1,991.3                      | 1,946.5                       | 44.78                           | 44.463               |          |
| 11,800.0                                                                    | 11,180.0                    | 10,447.7                    | 9,725.0                     | 30.1                | 20.1             | -43.06                      | 842.1                  | -366.7          | 1,991.3                      | 1,946.1                       | 45.14                           | 44.110               |          |
| 11,900.0                                                                    | 11,180.0                    | 10,547.7                    | 9,725.0                     | 30.2                | 20.5             | -43.06                      | 942.1                  | -367.1          | 1,991.3                      | 1,945.7                       | 45.56                           | 43.708               |          |
| 12,000.0                                                                    | 11,180.0                    | 10,647.7                    | 9,725.0                     | 30.4                | 20.9             | -43.06                      | 1,042.1                | -367.5          | 1,991.3                      | 1,945.2                       | 46.03                           | 43.261               |          |
| 12,100.0                                                                    | 11,180.0                    | 10,747.7                    | 9,725.0                     | 30.6                | 21.3             | -43.06                      | 1,142.1                | -367.9          | 1,991.3                      | 1,944.7                       | 46.55                           | 42.775               |          |
| 12,200.0                                                                    | 11,180.0                    | 10,847.7                    | 9,725.0                     | 30.7                | 21.8             | -43.06                      | 1,242.1                | -368.3          | 1,991.3                      | 1,944.1                       | 47.13                           | 42.254               |          |
| 12,300.0                                                                    | 11,180.0                    | 10,947.7                    | 9,725.0                     | 30.9                | 22.3             | -43.06                      | 1,342.1                | -368.7          | 1,991.3                      | 1,943.5                       | 47.75                           | 41.702               |          |
| 12,400.0                                                                    | 11,180.0                    | 11,047.7                    | 9,725.0                     | 31.2                | 22.9             | -43.06                      | 1,442.1                | -369.1          | 1,991.3                      | 1,942.8                       | 48.42                           | 41.124               |          |
| 12,500.0                                                                    | 11,180.0                    | 11,147.7                    | 9,725.0                     | 31.4                | 23.5             | -43.06                      | 1,542.1                | -369.5          | 1,991.2                      | 1,942.1                       | 49.14                           | 40.525               |          |
| 12,600.0                                                                    | 11,180.0                    | 11,247.7                    | 9,725.0                     | 31.7                | 24.1             | -43.06                      | 1,642.1                | -369.9          | 1,991.2                      | 1,941.4                       | 49.90                           | 39.907               |          |
| 12,700.0                                                                    | 11,180.0                    | 11,347.7                    | 9,725.0                     | 31.9                | 24.7             | -43.06                      | 1,742.1                | -370.3          | 1,991.2                      | 1,940.5                       | 50.70                           | 39.276               |          |
| 12,800.0                                                                    | 11,180.0                    | 11,447.7                    | 9,725.0                     | 32.2                | 25.4             | -43.05                      | 1,842.1                | -370.7          | 1,991.2                      | 1,939.7                       | 51.54                           | 38.635               |          |
| 12,900.0                                                                    | 11,180.0                    | 11,547.7                    | 9,725.0                     | 32.6                | 26.1             | -43.05                      | 1,942.1                | -371.1          | 1,991.2                      | 1,938.8                       | 52.42                           | 37.988               |          |
| 13,000.0                                                                    | 11,180.0                    | 11,647.7                    | 9,725.0                     | 32.9                | 26.7             | -43.05                      | 2,042.1                | -371.5          | 1,991.2                      | 1,937.9                       | 53.33                           | 37.336               |          |
| 13,100.0                                                                    | 11,180.0                    | 11,747.7                    | 9,725.0                     | 33.2                | 27.5             | -43.05                      | 2,142.1                | -371.9          | 1,991.2                      | 1,937.0                       | 54.28                           | 36.684               |          |
| 13,200.0                                                                    | 11,180.0                    | 11,847.7                    | 9,725.0                     | 33.6                | 28.2             | -43.05                      | 2,242.1                | -372.3          | 1,991.2                      | 1,936.0                       | 55.26                           | 36.033               |          |
| 13,300.0                                                                    | 11,180.0                    | 11,947.7                    | 9,725.0                     | 33.9                | 28.9             | -43.05                      | 2,342.1                | -372.7          | 1,991.2                      | 1,935.0                       | 56.27                           | 35.385               |          |
| 13,400.0                                                                    | 11,180.0                    | 12,047.7                    | 9,725.0                     | 34.3                | 29.7             | -43.05                      | 2,442.1                | -373.1          | 1,991.2                      | 1,933.9                       | 57.31                           | 34.743               |          |
| 13,500.0                                                                    | 11,180.0                    | 12,147.7                    | 9,725.0                     | 34.7                | 30.5             | -43.05                      | 2,542.1                | -373.4          | 1,991.2                      | 1,932.8                       | 58.38                           | 34.108               |          |
| 13,600.0                                                                    | 11,180.0                    | 12,247.7                    | 9,725.0                     | 35.1                | 31.3             | -43.05                      | 2,642.1                | -373.8          | 1,991.2                      | 1,931.8                       | 59.47                           | 33.481               |          |
| 13,700.0                                                                    | 11,180.0                    | 12,347.7                    | 9,725.0                     | 35.6                | 32.1             | -43.05                      | 2,742.1                | -374.2          | 1,991.2                      | 1,930.6                       | 60.59                           | 32.863               |          |
| 13,800.0                                                                    | 11,180.0                    | 12,447.7                    | 9,725.0                     | 36.0                | 32.9             | -43.05                      | 2,842.1                | -374.6          | 1,991.2                      | 1,929.5                       | 61.73                           | 32.256               |          |
| 13,900.0                                                                    | 11,180.0                    | 12,547.7                    | 9,725.0                     | 36.5                | 33.7             | -43.05                      | 2,942.1                | -375.0          | 1,991.2                      | 1,928.3                       | 62.89                           | 31.660               |          |
| 14,000.0                                                                    | 11,180.0                    | 12,647.7                    | 9,725.0                     | 36.9                | 34.5             | -43.05                      | 3,042.1                | -375.4          | 1,991.2                      | 1,927.1                       | 64.08                           | 31.075               |          |
| 14,100.0                                                                    | 11,180.0                    | 12,747.7                    | 9,725.0                     | 37.4                | 35.3             | -43.05                      | 3,142.1                | -375.8          | 1,991.2                      | 1,925.9                       | 65.28                           | 30.503               |          |
| 14,200.0                                                                    | 11,180.0                    | 12,847.7                    | 9,725.0                     | 37.9                | 36.2             | -43.05                      | 3,242.1                | -376.2          | 1,991.2                      | 1,924.7                       | 66.50                           | 29.943               |          |
| 14,300.0                                                                    | 11,180.0                    | 12,947.7                    | 9,725.0                     | 38.4                | 37.0             | -43.05                      | 3,342.1                | -376.6          | 1,991.2                      | 1,923.5                       | 67.74                           | 29.395               |          |
| 14,400.0                                                                    | 11,180.0                    | 13,047.7                    | 9,725.0                     | 38.9                | 37.9             | -43.05                      | 3,442.1                | -377.0          | 1,991.2                      | 1,922.2                       | 68.99                           | 28.861               |          |
| 14,500.0                                                                    | 11,180.0                    | 13,147.7                    | 9,725.0                     | 39.4                | 38.7             | -43.05                      | 3,542.1                | -377.4          | 1,991.2                      | 1,920.9                       | 70.26                           | 28.339               |          |
| 14,600.0                                                                    | 11,180.0                    | 13,247.7                    | 9,725.0                     | 39.9                | 39.6             | -43.05                      | 3,642.1                | -377.8          | 1,991.2                      | 1,919.7                       | 71.55                           | 27.830               |          |
| 14,700.0                                                                    | 11,180.0                    | 13,347.7                    | 9,725.0                     | 40.4                | 40.4             | -43.05                      | 3,742.1                | -378.2          | 1,991.2                      | 1,918.4                       | 72.85                           | 27.333               |          |
| 14,800.0                                                                    | 11,180.0                    | 13,447.7                    | 9,725.0                     | 40.9                | 41.3             | -43.05                      | 3,842.1                | -378.6          | 1,991.2                      | 1,917.0                       | 74.16                           | 26.850               |          |
| 14,900.0                                                                    | 11,180.0                    | 13,547.7                    | 9,725.0                     | 41.5                | 42.2             | -43.05                      | 3,942.1                | -379.0          | 1,991.2                      | 1,915.7                       | 75.49                           | 26.378               |          |
| 15,000.0                                                                    | 11,180.0                    | 13,647.7                    | 9,725.0                     | 42.0                | 43.1             | -43.05                      | 4,042.1                | -379.4          | 1,991.2                      | 1,914.4                       | 76.82                           | 25.919               |          |
| 15,100.0                                                                    | 11,180.0                    | 13,747.7                    | 9,725.0                     | 42.6                | 44.0             | -43.05                      | 4,142.1                | -379.8          | 1,991.2                      | 1,913.0                       | 78.17                           | 25.472               |          |
| 15,200.0                                                                    | 11,180.0                    | 13,847.7                    | 9,725.0                     | 43.2                | 44.9             | -43.05                      | 4,242.1                | -380.2          | 1,991.2                      | 1,911.7                       | 79.53                           | 25.037               |          |
| 15,300.0                                                                    | 11,180.0                    | 13,947.7                    | 9,725.0                     | 43.7                | 45.7             | -43.05                      | 4,342.1                | -380.6          | 1,991.2                      | 1,910.3                       | 80.90                           | 24.613               |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

### Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 503H - OWB - PWP0 |                       |                       |                       |           |        |                       |                        |              |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-----------------------|------------------------|--------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1                                              |                       |                       |                       |           |        |                       |                        |              |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Measured Depth (usft)                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference | Offset | Highside Toolface (°) | Offset Wellbore Centre | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 15,400.0                                                                    | 11,180.0              | 14,047.7              | 9,725.0               | 44.3      | 46.6   | -43.05                | 4,442.1                | -381.0       | 1,991.2      | 1,908.9                | 82.28                   | 24.201                    |                    |          |
| 15,500.0                                                                    | 11,180.0              | 14,147.7              | 9,725.0               | 44.9      | 47.5   | -43.05                | 4,542.1                | -381.4       | 1,991.2      | 1,907.5                | 83.66                   | 23.800                    |                    |          |
| 15,600.0                                                                    | 11,180.0              | 14,247.7              | 9,725.0               | 45.5      | 48.4   | -43.05                | 4,642.1                | -381.8       | 1,991.2      | 1,906.1                | 85.06                   | 23.409                    |                    |          |
| 15,700.0                                                                    | 11,180.0              | 14,347.7              | 9,725.0               | 46.1      | 49.3   | -43.05                | 4,742.1                | -382.2       | 1,991.2      | 1,904.7                | 86.47                   | 23.029                    |                    |          |
| 15,800.0                                                                    | 11,180.0              | 14,447.7              | 9,725.0               | 46.6      | 50.2   | -43.05                | 4,842.1                | -382.6       | 1,991.2      | 1,903.3                | 87.88                   | 22.658                    |                    |          |
| 15,900.0                                                                    | 11,180.0              | 14,547.7              | 9,725.0               | 47.3      | 51.2   | -43.05                | 4,942.1                | -383.0       | 1,991.2      | 1,901.9                | 89.30                   | 22.298                    |                    |          |
| 16,000.0                                                                    | 11,180.0              | 14,647.7              | 9,725.0               | 47.9      | 52.1   | -43.05                | 5,042.1                | -383.4       | 1,991.2      | 1,900.5                | 90.73                   | 21.947                    |                    |          |
| 16,100.0                                                                    | 11,180.0              | 14,747.7              | 9,725.0               | 48.5      | 53.0   | -43.05                | 5,142.0                | -383.8       | 1,991.2      | 1,899.0                | 92.16                   | 21.606                    |                    |          |
| 16,200.0                                                                    | 11,180.0              | 14,847.7              | 9,725.0               | 49.1      | 53.9   | -43.05                | 5,242.0                | -384.2       | 1,991.2      | 1,897.6                | 93.60                   | 21.273                    |                    |          |
| 16,300.0                                                                    | 11,180.0              | 14,947.7              | 9,725.0               | 49.7      | 54.8   | -43.05                | 5,342.0                | -384.6       | 1,991.2      | 1,896.1                | 95.05                   | 20.950                    |                    |          |
| 16,400.0                                                                    | 11,180.0              | 15,047.7              | 9,725.0               | 50.3      | 55.7   | -43.05                | 5,442.0                | -385.0       | 1,991.2      | 1,894.7                | 96.50                   | 20.634                    |                    |          |
| 16,500.0                                                                    | 11,180.0              | 15,147.7              | 9,725.0               | 51.0      | 56.6   | -43.05                | 5,542.0                | -385.4       | 1,991.2      | 1,893.2                | 97.96                   | 20.327                    |                    |          |
| 16,600.0                                                                    | 11,180.0              | 15,247.7              | 9,725.0               | 51.6      | 57.6   | -43.05                | 5,642.0                | -385.8       | 1,991.2      | 1,891.8                | 99.42                   | 20.028                    |                    |          |
| 16,700.0                                                                    | 11,180.0              | 15,347.7              | 9,725.0               | 52.2      | 58.5   | -43.05                | 5,742.0                | -386.2       | 1,991.2      | 1,890.3                | 100.89                  | 19.736                    |                    |          |
| 16,800.0                                                                    | 11,180.0              | 15,447.7              | 9,725.0               | 52.9      | 59.4   | -43.05                | 5,842.0                | -386.6       | 1,991.2      | 1,888.8                | 102.36                  | 19.452                    |                    |          |
| 16,900.0                                                                    | 11,180.0              | 15,547.7              | 9,725.0               | 53.5      | 60.3   | -43.05                | 5,942.0                | -387.0       | 1,991.2      | 1,887.3                | 103.84                  | 19.175                    |                    |          |
| 17,000.0                                                                    | 11,180.0              | 15,647.7              | 9,725.0               | 54.2      | 61.3   | -43.05                | 6,042.0                | -387.4       | 1,991.2      | 1,885.8                | 105.33                  | 18.905                    |                    |          |
| 17,100.0                                                                    | 11,180.0              | 15,747.7              | 9,725.0               | 54.8      | 62.2   | -43.05                | 6,142.0                | -387.7       | 1,991.2      | 1,884.3                | 106.81                  | 18.642                    |                    |          |
| 17,200.0                                                                    | 11,180.0              | 15,847.7              | 9,725.0               | 55.5      | 63.1   | -43.05                | 6,242.0                | -388.1       | 1,991.2      | 1,882.9                | 108.30                  | 18.385                    |                    |          |
| 17,300.0                                                                    | 11,180.0              | 15,947.7              | 9,725.0               | 56.1      | 64.1   | -43.05                | 6,342.0                | -388.5       | 1,991.2      | 1,881.4                | 109.80                  | 18.134                    |                    |          |
| 17,400.0                                                                    | 11,180.0              | 16,047.7              | 9,725.0               | 56.8      | 65.0   | -43.05                | 6,442.0                | -388.9       | 1,991.2      | 1,879.9                | 111.30                  | 17.890                    |                    |          |
| 17,500.0                                                                    | 11,180.0              | 16,147.7              | 9,725.0               | 57.4      | 65.9   | -43.05                | 6,542.0                | -389.3       | 1,991.2      | 1,878.4                | 112.80                  | 17.652                    |                    |          |
| 17,600.0                                                                    | 11,180.0              | 16,247.7              | 9,725.0               | 58.1      | 66.9   | -43.05                | 6,642.0                | -389.7       | 1,991.2      | 1,876.8                | 114.31                  | 17.419                    |                    |          |
| 17,700.0                                                                    | 11,180.0              | 16,347.7              | 9,725.0               | 58.8      | 67.8   | -43.05                | 6,742.0                | -390.1       | 1,991.2      | 1,875.3                | 115.82                  | 17.192                    |                    |          |
| 17,800.0                                                                    | 11,180.0              | 16,447.7              | 9,725.0               | 59.4      | 68.7   | -43.05                | 6,842.0                | -390.5       | 1,991.1      | 1,873.8                | 117.33                  | 16.970                    |                    |          |
| 17,900.0                                                                    | 11,180.0              | 16,547.7              | 9,725.0               | 60.1      | 69.7   | -43.05                | 6,942.0                | -390.9       | 1,991.1      | 1,872.3                | 118.85                  | 16.754                    |                    |          |
| 18,000.0                                                                    | 11,180.0              | 16,647.7              | 9,725.0               | 60.8      | 70.6   | -43.05                | 7,042.0                | -391.3       | 1,991.1      | 1,870.8                | 120.37                  | 16.542                    |                    |          |
| 18,100.0                                                                    | 11,180.0              | 16,747.7              | 9,725.0               | 61.4      | 71.6   | -43.05                | 7,142.0                | -391.7       | 1,991.1      | 1,869.3                | 121.89                  | 16.336                    |                    |          |
| 18,200.0                                                                    | 11,180.0              | 16,847.7              | 9,725.0               | 62.1      | 72.5   | -43.05                | 7,242.0                | -392.1       | 1,991.1      | 1,867.7                | 123.42                  | 16.134                    |                    |          |
| 18,300.0                                                                    | 11,180.0              | 16,947.7              | 9,725.0               | 62.8      | 73.4   | -43.05                | 7,342.0                | -392.5       | 1,991.1      | 1,866.2                | 124.94                  | 15.936                    |                    |          |
| 18,400.0                                                                    | 11,180.0              | 17,047.7              | 9,725.0               | 63.5      | 74.4   | -43.05                | 7,442.0                | -392.9       | 1,991.1      | 1,864.7                | 126.47                  | 15.744                    |                    |          |
| 18,500.0                                                                    | 11,180.0              | 17,147.7              | 9,725.0               | 64.2      | 75.3   | -43.05                | 7,542.0                | -393.3       | 1,991.1      | 1,863.1                | 128.01                  | 15.555                    |                    |          |
| 18,600.0                                                                    | 11,180.0              | 17,247.7              | 9,725.0               | 64.8      | 76.3   | -43.05                | 7,642.0                | -393.7       | 1,991.1      | 1,861.6                | 129.54                  | 15.371                    |                    |          |
| 18,700.0                                                                    | 11,180.0              | 17,347.7              | 9,725.0               | 65.5      | 77.2   | -43.05                | 7,742.0                | -394.1       | 1,991.1      | 1,860.1                | 131.08                  | 15.190                    |                    |          |
| 18,800.0                                                                    | 11,180.0              | 17,447.7              | 9,725.0               | 66.2      | 78.2   | -43.05                | 7,842.0                | -394.5       | 1,991.1      | 1,858.5                | 132.62                  | 15.014                    |                    |          |
| 18,900.0                                                                    | 11,180.0              | 17,547.7              | 9,725.0               | 66.9      | 79.1   | -43.05                | 7,942.0                | -394.9       | 1,991.1      | 1,857.0                | 134.16                  | 14.841                    |                    |          |
| 19,000.0                                                                    | 11,180.0              | 17,647.7              | 9,725.0               | 67.6      | 80.1   | -43.05                | 8,042.0                | -395.3       | 1,991.1      | 1,855.4                | 135.71                  | 14.672                    |                    |          |
| 19,100.0                                                                    | 11,180.0              | 17,747.7              | 9,725.0               | 68.3      | 81.0   | -43.05                | 8,142.0                | -395.7       | 1,991.1      | 1,853.9                | 137.25                  | 14.507                    |                    |          |
| 19,200.0                                                                    | 11,180.0              | 17,847.7              | 9,725.0               | 69.0      | 81.9   | -43.05                | 8,242.0                | -396.1       | 1,991.1      | 1,852.3                | 138.80                  | 14.345                    |                    |          |
| 19,300.0                                                                    | 11,180.0              | 17,947.7              | 9,725.0               | 69.7      | 82.9   | -43.05                | 8,342.0                | -396.5       | 1,991.1      | 1,850.8                | 140.35                  | 14.187                    |                    |          |
| 19,400.0                                                                    | 11,180.0              | 18,047.7              | 9,725.0               | 70.4      | 83.8   | -43.05                | 8,442.0                | -396.9       | 1,991.1      | 1,849.2                | 141.90                  | 14.032                    |                    |          |
| 19,500.0                                                                    | 11,180.0              | 18,147.7              | 9,725.0               | 71.1      | 84.8   | -43.05                | 8,542.0                | -397.3       | 1,991.1      | 1,847.7                | 143.46                  | 13.880                    |                    |          |
| 19,600.0                                                                    | 11,180.0              | 18,247.7              | 9,725.0               | 71.8      | 85.7   | -43.05                | 8,642.0                | -397.7       | 1,991.1      | 1,846.1                | 145.01                  | 13.731                    |                    |          |
| 19,700.0                                                                    | 11,180.0              | 18,347.7              | 9,725.0               | 72.5      | 86.7   | -43.05                | 8,742.0                | -398.1       | 1,991.1      | 1,844.5                | 146.57                  | 13.585                    |                    |          |
| 19,800.0                                                                    | 11,180.0              | 18,447.7              | 9,725.0               | 73.2      | 87.6   | -43.05                | 8,842.0                | -398.5       | 1,991.1      | 1,843.0                | 148.13                  | 13.442                    |                    |          |
| 19,900.0                                                                    | 11,180.0              | 18,547.7              | 9,725.0               | 73.9      | 88.6   | -43.05                | 8,942.0                | -398.9       | 1,991.1      | 1,841.4                | 149.69                  | 13.302                    |                    |          |
| 20,000.0                                                                    | 11,180.0              | 18,647.7              | 9,725.0               | 74.6      | 89.5   | -43.05                | 9,042.0                | -399.3       | 1,991.1      | 1,839.9                | 151.25                  | 13.165                    |                    |          |
| 20,100.0                                                                    | 11,180.0              | 18,747.7              | 9,725.0               | 75.3      | 90.5   | -43.05                | 9,142.0                | -399.7       | 1,991.1      | 1,838.3                | 152.81                  | 13.030                    |                    |          |
| 20,200.0                                                                    | 11,180.0              | 18,847.7              | 9,725.0               | 76.0      | 91.4   | -43.05                | 9,242.0                | -400.1       | 1,991.1      | 1,836.7                | 154.38                  | 12.898                    |                    |          |
| 20,300.0                                                                    | 11,180.0              | 18,947.7              | 9,725.0               | 76.7      | 92.4   | -43.05                | 9,342.0                | -400.5       | 1,991.1      | 1,835.2                | 155.94                  | 12.768                    |                    |          |
| 20,400.0                                                                    | 11,180.0              | 19,047.7              | 9,725.0               | 77.4      | 93.3   | -43.05                | 9,442.0                | -400.9       | 1,991.1      | 1,833.6                | 157.51                  | 12.641                    |                    |          |
| 20,500.0                                                                    | 11,180.0              | 19,147.7              | 9,725.0               | 78.1      | 94.3   | -43.05                | 9,542.0                | -401.3       | 1,991.1      | 1,832.0                | 159.08                  | 12.517                    |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                    |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                          |                              |                |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|------------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM 503H - OWB - PWP0 |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                          | <b>Offset Site Error:</b>    | 0.0 usft       |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1                                              |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                          | <b>Offset Well Error:</b>    | 3.0 usft       |
| <b>Reference</b>                                                                   |                                      | <b>Offset</b>                        |                                      | <b>Semi Major Axis</b>      |                          | <b>Highside<br/>Toolface<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                       |                                        | <b>Minimum<br/>Separation<br/>(usft)</b> | <b>Separation<br/>Factor</b> | <b>Warning</b> |
| <b>Measured<br/>Depth<br/>(usft)</b>                                               | <b>Vertical<br/>Depth<br/>(usft)</b> | <b>Measured<br/>Depth<br/>(usft)</b> | <b>Vertical<br/>Depth<br/>(usft)</b> | <b>Reference<br/>(usft)</b> | <b>Offset<br/>(usft)</b> |                                      | <b>+N/-S<br/>(usft)</b>       | <b>+E/-W<br/>(usft)</b> | <b>Between<br/>Centres<br/>(usft)</b> | <b>Between<br/>Ellipses<br/>(usft)</b> |                                          |                              |                |
| 20,600.0                                                                           | 11,180.0                             | 19,247.7                             | 9,725.0                              | 78.8                        | 95.3                     | -43.05                               | 9,642.0                       | -401.6                  | 1,991.1                               | 1,830.4                                | 160.65                                   | 12.394                       |                |
| 20,700.0                                                                           | 11,180.0                             | 19,347.7                             | 9,725.0                              | 79.6                        | 96.2                     | -43.05                               | 9,742.0                       | -402.0                  | 1,991.1                               | 1,828.9                                | 162.22                                   | 12.274                       |                |
| 20,800.0                                                                           | 11,180.0                             | 19,447.7                             | 9,725.0                              | 80.3                        | 97.2                     | -43.05                               | 9,842.0                       | -402.4                  | 1,991.1                               | 1,827.3                                | 163.79                                   | 12.156                       |                |
| 20,900.0                                                                           | 11,180.0                             | 19,547.7                             | 9,725.0                              | 81.0                        | 98.1                     | -43.05                               | 9,942.0                       | -402.8                  | 1,991.1                               | 1,825.7                                | 165.36                                   | 12.041                       |                |
| 21,000.0                                                                           | 11,180.0                             | 19,647.7                             | 9,725.0                              | 81.7                        | 99.1                     | -43.05                               | 10,042.0                      | -403.2                  | 1,991.1                               | 1,824.1                                | 166.94                                   | 11.927                       |                |
| 21,100.0                                                                           | 11,180.0                             | 19,747.7                             | 9,725.0                              | 82.4                        | 100.0                    | -43.05                               | 10,142.0                      | -403.6                  | 1,991.1                               | 1,822.6                                | 168.51                                   | 11.816                       |                |
| 21,200.0                                                                           | 11,180.0                             | 19,847.7                             | 9,725.0                              | 83.1                        | 101.0                    | -43.05                               | 10,242.0                      | -404.0                  | 1,991.1                               | 1,821.0                                | 170.09                                   | 11.706                       |                |
| 21,300.0                                                                           | 11,180.0                             | 19,947.7                             | 9,725.0                              | 83.9                        | 101.9                    | -43.05                               | 10,342.0                      | -404.4                  | 1,991.1                               | 1,819.4                                | 171.67                                   | 11.598                       |                |
| 21,400.0                                                                           | 11,180.0                             | 20,047.7                             | 9,725.0                              | 84.6                        | 102.9                    | -43.05                               | 10,442.0                      | -404.8                  | 1,991.1                               | 1,817.8                                | 173.25                                   | 11.493                       |                |
| 21,500.0                                                                           | 11,180.0                             | 20,147.7                             | 9,725.0                              | 85.3                        | 103.9                    | -43.05                               | 10,542.0                      | -405.2                  | 1,991.1                               | 1,816.3                                | 174.83                                   | 11.389                       |                |
| 21,600.0                                                                           | 11,180.0                             | 20,247.7                             | 9,725.0                              | 86.0                        | 104.8                    | -43.05                               | 10,642.0                      | -405.6                  | 1,991.1                               | 1,814.7                                | 176.41                                   | 11.287                       |                |
| 21,700.0                                                                           | 11,180.0                             | 20,347.7                             | 9,725.0                              | 86.7                        | 105.8                    | -43.05                               | 10,742.0                      | -406.0                  | 1,991.1                               | 1,813.1                                | 177.99                                   | 11.187                       |                |
| 21,800.0                                                                           | 11,180.0                             | 20,447.7                             | 9,725.0                              | 87.5                        | 106.7                    | -43.05                               | 10,842.0                      | -406.4                  | 1,991.1                               | 1,811.5                                | 179.57                                   | 11.088                       |                |
| 21,900.0                                                                           | 11,180.0                             | 20,547.7                             | 9,725.0                              | 88.2                        | 107.7                    | -43.05                               | 10,942.0                      | -406.8                  | 1,991.1                               | 1,809.9                                | 181.15                                   | 10.991                       |                |
| 22,000.0                                                                           | 11,180.0                             | 20,647.7                             | 9,725.0                              | 88.9                        | 108.6                    | -43.05                               | 11,042.0                      | -407.2                  | 1,991.1                               | 1,808.3                                | 182.74                                   | 10.896                       |                |
| 22,100.0                                                                           | 11,180.0                             | 20,747.7                             | 9,725.0                              | 89.6                        | 109.6                    | -43.05                               | 11,142.0                      | -407.6                  | 1,991.1                               | 1,806.7                                | 184.32                                   | 10.802                       |                |
| 22,200.0                                                                           | 11,180.0                             | 20,847.7                             | 9,725.0                              | 90.4                        | 110.6                    | -43.05                               | 11,242.0                      | -408.0                  | 1,991.1                               | 1,805.2                                | 185.91                                   | 10.710                       |                |
| 22,300.0                                                                           | 11,180.0                             | 20,947.7                             | 9,725.0                              | 91.1                        | 111.5                    | -43.05                               | 11,342.0                      | -408.4                  | 1,991.1                               | 1,803.6                                | 187.49                                   | 10.619                       |                |
| 22,400.0                                                                           | 11,180.0                             | 21,047.7                             | 9,725.0                              | 91.8                        | 112.5                    | -43.05                               | 11,442.0                      | -408.8                  | 1,991.1                               | 1,802.0                                | 189.08                                   | 10.530                       |                |
| 22,500.0                                                                           | 11,180.0                             | 21,147.7                             | 9,725.0                              | 92.5                        | 113.4                    | -43.05                               | 11,542.0                      | -409.2                  | 1,991.1                               | 1,800.4                                | 190.67                                   | 10.442                       |                |
| 22,600.0                                                                           | 11,180.0                             | 21,247.7                             | 9,725.0                              | 93.3                        | 114.4                    | -43.05                               | 11,642.0                      | -409.6                  | 1,991.1                               | 1,798.8                                | 192.26                                   | 10.356                       |                |
| 22,700.0                                                                           | 11,180.0                             | 21,347.7                             | 9,725.0                              | 94.0                        | 115.3                    | -43.05                               | 11,742.0                      | -410.0                  | 1,991.1                               | 1,797.2                                | 193.85                                   | 10.271                       |                |
| 22,800.0                                                                           | 11,180.0                             | 21,447.7                             | 9,725.0                              | 94.7                        | 116.3                    | -43.05                               | 11,842.0                      | -410.4                  | 1,991.1                               | 1,795.6                                | 195.44                                   | 10.188                       |                |
| 22,900.0                                                                           | 11,180.0                             | 21,547.7                             | 9,725.0                              | 95.4                        | 117.3                    | -43.05                               | 11,942.0                      | -410.8                  | 1,991.1                               | 1,794.0                                | 197.03                                   | 10.105                       |                |
| 23,000.0                                                                           | 11,180.0                             | 21,647.7                             | 9,725.0                              | 96.2                        | 118.2                    | -43.05                               | 12,042.0                      | -411.2                  | 1,991.0                               | 1,792.4                                | 198.62                                   | 10.024                       |                |
| 23,100.0                                                                           | 11,180.0                             | 21,747.7                             | 9,725.0                              | 96.9                        | 119.2                    | -43.05                               | 12,142.0                      | -411.6                  | 1,991.0                               | 1,790.8                                | 200.21                                   | 9.945                        |                |
| 23,200.0                                                                           | 11,180.0                             | 21,847.7                             | 9,725.0                              | 97.6                        | 120.1                    | -43.05                               | 12,242.0                      | -412.0                  | 1,991.0                               | 1,789.2                                | 201.81                                   | 9.866                        |                |
| 23,300.0                                                                           | 11,180.0                             | 21,947.7                             | 9,725.0                              | 98.4                        | 121.1                    | -43.05                               | 12,342.0                      | -412.4                  | 1,991.0                               | 1,787.6                                | 203.40                                   | 9.789                        |                |
| 23,400.0                                                                           | 11,180.0                             | 22,047.7                             | 9,725.0                              | 99.1                        | 122.1                    | -43.05                               | 12,442.0                      | -412.8                  | 1,991.0                               | 1,786.0                                | 204.99                                   | 9.713                        |                |
| 23,500.0                                                                           | 11,180.0                             | 22,147.7                             | 9,725.0                              | 99.8                        | 123.0                    | -43.05                               | 12,542.0                      | -413.2                  | 1,991.0                               | 1,784.5                                | 206.59                                   | 9.638                        |                |
| 23,600.0                                                                           | 11,180.0                             | 22,247.7                             | 9,725.0                              | 100.6                       | 124.0                    | -43.05                               | 12,642.0                      | -413.6                  | 1,991.0                               | 1,782.9                                | 208.18                                   | 9.564                        |                |
| 23,700.0                                                                           | 11,180.0                             | 22,347.7                             | 9,725.0                              | 101.3                       | 124.9                    | -43.05                               | 12,742.0                      | -414.0                  | 1,991.0                               | 1,781.3                                | 209.78                                   | 9.491                        |                |
| 23,800.0                                                                           | 11,180.0                             | 22,447.7                             | 9,725.0                              | 102.0                       | 125.9                    | -43.05                               | 12,842.0                      | -414.4                  | 1,991.0                               | 1,779.7                                | 211.37                                   | 9.419                        |                |
| 23,900.0                                                                           | 11,180.0                             | 22,547.7                             | 9,725.0                              | 102.8                       | 126.9                    | -43.05                               | 12,942.0                      | -414.8                  | 1,991.0                               | 1,778.1                                | 212.97                                   | 9.349                        |                |
| 24,000.0                                                                           | 11,180.0                             | 22,647.7                             | 9,725.0                              | 103.5                       | 127.8                    | -43.05                               | 13,042.0                      | -415.2                  | 1,991.0                               | 1,776.5                                | 214.57                                   | 9.279                        |                |
| 24,100.0                                                                           | 11,180.0                             | 22,747.7                             | 9,725.0                              | 104.2                       | 128.8                    | -43.05                               | 13,142.0                      | -415.5                  | 1,991.0                               | 1,774.9                                | 216.17                                   | 9.211                        |                |
| 24,200.0                                                                           | 11,180.0                             | 22,847.7                             | 9,725.0                              | 105.0                       | 129.7                    | -43.05                               | 13,242.0                      | -415.9                  | 1,991.0                               | 1,773.3                                | 217.76                                   | 9.143                        |                |
| 24,300.0                                                                           | 11,180.0                             | 22,947.7                             | 9,725.0                              | 105.7                       | 130.7                    | -43.05                               | 13,342.0                      | -416.3                  | 1,991.0                               | 1,771.7                                | 219.36                                   | 9.076                        |                |
| 24,400.0                                                                           | 11,180.0                             | 23,047.7                             | 9,725.0                              | 106.5                       | 131.7                    | -43.05                               | 13,442.0                      | -416.7                  | 1,991.0                               | 1,770.1                                | 220.96                                   | 9.011                        |                |
| 24,486.5                                                                           | 11,180.0                             | 23,134.2                             | 9,725.0                              | 107.1                       | 132.5                    | -43.05                               | 13,528.5                      | -417.1                  | 1,991.0                               | 1,768.7                                | 222.34                                   | 8.955 SF                     |                |

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 504H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 0.0                                                                         | 0.0                         | 0.0                         | 0.0                         | 3.0                 | 3.0              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 143.6                         | 6.43                 | 23.332             |          |
| 100.0                                                                       | 100.0                       | 100.0                       | 100.0                       | 3.2                 | 3.2              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 143.1                         | 6.89                 | 21.763             |          |
| 200.0                                                                       | 200.0                       | 200.0                       | 200.0                       | 3.5                 | 3.5              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 142.7                         | 7.33                 | 20.469             |          |
| 300.0                                                                       | 300.0                       | 300.0                       | 300.0                       | 3.7                 | 3.7              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 142.3                         | 7.74                 | 19.377             |          |
| 400.0                                                                       | 400.0                       | 400.0                       | 400.0                       | 3.9                 | 3.9              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 141.9                         | 8.14                 | 18.438             |          |
| 500.0                                                                       | 500.0                       | 500.0                       | 500.0                       | 4.1                 | 4.1              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 141.5                         | 8.51                 | 17.619             |          |
| 600.0                                                                       | 600.0                       | 600.0                       | 600.0                       | 4.2                 | 4.2              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 141.1                         | 8.88                 | 16.896             |          |
| 700.0                                                                       | 700.0                       | 700.0                       | 700.0                       | 4.4                 | 4.4              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 140.8                         | 9.23                 | 16.252             |          |
| 800.0                                                                       | 800.0                       | 800.0                       | 800.0                       | 4.6                 | 4.6              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 140.4                         | 9.57                 | 15.673             |          |
| 900.0                                                                       | 900.0                       | 900.0                       | 900.0                       | 4.8                 | 4.8              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 140.1                         | 9.90                 | 15.149             |          |
| 1,000.0                                                                     | 1,000.0                     | 1,000.0                     | 1,000.0                     | 4.9                 | 4.9              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 139.8                         | 10.22                | 14.670             |          |
| 1,100.0                                                                     | 1,100.0                     | 1,100.0                     | 1,100.0                     | 5.1                 | 5.1              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 139.5                         | 10.54                | 14.232             |          |
| 1,200.0                                                                     | 1,200.0                     | 1,200.0                     | 1,200.0                     | 5.2                 | 5.2              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 139.2                         | 10.85                | 13.828             |          |
| 1,300.0                                                                     | 1,300.0                     | 1,300.0                     | 1,300.0                     | 5.4                 | 5.4              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 138.9                         | 11.15                | 13.454             |          |
| 1,400.0                                                                     | 1,400.0                     | 1,400.0                     | 1,400.0                     | 5.5                 | 5.5              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 138.6                         | 11.44                | 13.107             |          |
| 1,500.0                                                                     | 1,500.0                     | 1,500.0                     | 1,500.0                     | 5.7                 | 5.7              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 138.3                         | 11.73                | 12.783             |          |
| 1,600.0                                                                     | 1,600.0                     | 1,600.0                     | 1,600.0                     | 5.8                 | 5.8              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 138.0                         | 12.02                | 12.480             |          |
| 1,700.0                                                                     | 1,700.0                     | 1,700.0                     | 1,700.0                     | 6.0                 | 6.0              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 137.7                         | 12.30                | 12.195             |          |
| 1,800.0                                                                     | 1,800.0                     | 1,800.0                     | 1,800.0                     | 6.1                 | 6.1              | 0.00                        | 150.0                  | 0.0             | 150.0                        | 137.4                         | 12.58                | 11.928 CC          |          |
| 1,900.0                                                                     | 1,900.0                     | 1,898.3                     | 1,898.3                     | 6.3                 | 6.3              | 0.44                        | 150.5                  | 1.1             | 150.5                        | 137.7                         | 12.85                | 11.720             |          |
| 2,000.0                                                                     | 2,000.0                     | 1,996.6                     | 1,996.5                     | 6.4                 | 6.4              | 1.73                        | 152.1                  | 4.6             | 152.2                        | 139.1                         | 13.11                | 11.614             |          |
| 2,100.0                                                                     | 2,100.0                     | 2,094.5                     | 2,094.2                     | 6.5                 | 6.6              | 3.80                        | 154.8                  | 10.3            | 155.2                        | 141.9                         | 13.37                | 11.608             |          |
| 2,200.0                                                                     | 2,200.0                     | 2,192.1                     | 2,191.4                     | 6.7                 | 6.8              | 6.56                        | 158.5                  | 18.2            | 159.8                        | 146.1                         | 13.65                | 11.709             |          |
| 2,300.0                                                                     | 2,300.0                     | 2,289.1                     | 2,287.8                     | 6.8                 | 7.0              | 9.85                        | 163.2                  | 28.3            | 166.1                        | 152.2                         | 13.93                | 11.927             |          |
| 2,400.0                                                                     | 2,400.0                     | 2,388.3                     | 2,386.1                     | 6.9                 | 7.2              | 13.63                       | 168.7                  | 40.9            | 174.1                        | 159.9                         | 14.18                | 12.277             |          |
| 2,500.0                                                                     | 2,500.0                     | 2,489.4                     | 2,486.0                     | 7.0                 | 7.4              | 17.86                       | 172.7                  | 55.6            | 181.9                        | 167.4                         | 14.52                | 12.533             |          |
| 2,600.0                                                                     | 2,600.0                     | 2,590.2                     | 2,585.3                     | 7.2                 | 7.7              | -37.73                      | 174.8                  | 72.2            | 188.6                        | 173.8                         | 14.85                | 12.700             |          |
| 2,700.0                                                                     | 2,699.9                     | 2,689.2                     | 2,682.9                     | 7.3                 | 8.0              | -33.81                      | 176.0                  | 89.4            | 193.7                        | 178.5                         | 15.24                | 12.713             |          |
| 2,800.0                                                                     | 2,799.7                     | 2,788.5                     | 2,780.6                     | 7.5                 | 8.3              | -30.49                      | 177.2                  | 106.6           | 197.4                        | 181.8                         | 15.63                | 12.632             |          |
| 2,900.0                                                                     | 2,899.3                     | 2,888.0                     | 2,878.6                     | 7.7                 | 8.5              | -27.65                      | 178.4                  | 123.8           | 199.5                        | 183.4                         | 16.05                | 12.427             |          |
| 3,000.0                                                                     | 2,998.6                     | 2,987.6                     | 2,976.7                     | 7.9                 | 8.9              | -25.20                      | 179.6                  | 141.1           | 199.6                        | 183.1                         | 16.51                | 12.090             |          |
| 3,100.0                                                                     | 3,097.6                     | 3,087.3                     | 3,074.9                     | 8.1                 | 9.2              | -22.99                      | 180.8                  | 158.3           | 198.2                        | 181.3                         | 16.94                | 11.701             |          |
| 3,200.0                                                                     | 3,196.6                     | 3,187.0                     | 3,173.1                     | 8.3                 | 9.5              | -20.76                      | 182.0                  | 175.6           | 197.0                        | 179.5                         | 17.46                | 11.285             |          |
| 3,300.0                                                                     | 3,295.7                     | 3,286.7                     | 3,271.3                     | 8.5                 | 9.8              | -20.63                      | 183.2                  | 192.9           | 196.1                        | 178.1                         | 17.99                | 10.902             |          |
| 3,400.0                                                                     | 3,394.5                     | 3,386.5                     | 3,369.6                     | 8.8                 | 10.2             | -30.08                      | 184.4                  | 210.2           | 195.1                        | 176.5                         | 18.58                | 10.500             |          |
| 3,500.0                                                                     | 3,493.0                     | 3,486.5                     | 3,468.0                     | 9.0                 | 10.6             | -37.96                      | 185.6                  | 227.5           | 193.8                        | 174.6                         | 19.15                | 10.121             |          |
| 3,600.0                                                                     | 3,591.1                     | 3,586.5                     | 3,566.5                     | 9.3                 | 10.9             | -44.41                      | 186.8                  | 244.8           | 191.9                        | 172.3                         | 19.65                | 9.765              |          |
| 3,700.0                                                                     | 3,688.9                     | 3,686.4                     | 3,664.9                     | 9.7                 | 11.3             | -45.28                      | 188.0                  | 262.1           | 189.8                        | 169.7                         | 20.20                | 9.399              |          |
| 3,800.0                                                                     | 3,786.7                     | 3,786.3                     | 3,763.3                     | 9.9                 | 11.7             | -46.17                      | 189.3                  | 279.4           | 187.8                        | 167.2                         | 20.68                | 9.085              |          |
| 3,900.0                                                                     | 3,884.5                     | 3,886.3                     | 3,861.7                     | 10.3                | 12.1             | -47.08                      | 190.5                  | 296.7           | 185.9                        | 164.7                         | 21.15                | 8.789              |          |
| 4,000.0                                                                     | 3,982.3                     | 3,986.2                     | 3,960.2                     | 10.6                | 12.4             | -48.01                      | 191.7                  | 314.0           | 184.0                        | 162.3                         | 21.61                | 8.512              |          |
| 4,100.0                                                                     | 4,080.2                     | 4,086.2                     | 4,058.6                     | 10.9                | 12.8             | -48.95                      | 192.9                  | 331.4           | 182.1                        | 160.0                         | 22.07                | 8.252              |          |
| 4,200.0                                                                     | 4,178.0                     | 4,186.1                     | 4,157.0                     | 11.2                | 13.2             | -49.92                      | 194.1                  | 348.7           | 180.3                        | 157.8                         | 22.51                | 8.008              |          |
| 4,300.0                                                                     | 4,275.8                     | 4,286.0                     | 4,255.4                     | 11.6                | 13.6             | -50.90                      | 195.3                  | 366.0           | 178.5                        | 155.6                         | 22.94                | 7.780              |          |
| 4,400.0                                                                     | 4,373.6                     | 4,386.0                     | 4,353.8                     | 12.0                | 14.0             | -51.90                      | 196.5                  | 383.3           | 176.8                        | 153.4                         | 23.36                | 7.568              |          |
| 4,500.0                                                                     | 4,471.4                     | 4,485.9                     | 4,452.3                     | 12.3                | 14.4             | -52.93                      | 197.7                  | 400.6           | 175.1                        | 151.4                         | 23.76                | 7.370              |          |
| 4,600.0                                                                     | 4,569.2                     | 4,585.8                     | 4,550.7                     | 12.7                | 14.9             | -53.97                      | 198.9                  | 417.9           | 173.5                        | 149.4                         | 24.15                | 7.186              |          |
| 4,700.0                                                                     | 4,667.0                     | 4,685.8                     | 4,649.1                     | 13.1                | 15.3             | -55.03                      | 200.1                  | 435.2           | 172.0                        | 147.5                         | 24.52                | 7.016              |          |
| 4,800.0                                                                     | 4,764.9                     | 4,785.7                     | 4,747.5                     | 13.5                | 15.7             | -56.11                      | 201.4                  | 452.5           | 170.5                        | 145.7                         | 24.86                | 6.858              |          |
| 4,900.0                                                                     | 4,862.7                     | 4,885.7                     | 4,845.9                     | 13.9                | 16.1             | -57.21                      | 202.6                  | 469.8           | 169.1                        | 143.9                         | 25.19                | 6.713              |          |
| 5,000.0                                                                     | 4,960.5                     | 4,985.6                     | 4,944.4                     | 14.3                | 16.5             | -58.33                      | 203.8                  | 487.2           | 167.8                        | 142.3                         | 25.50                | 6.579              |          |
| 5,100.0                                                                     | 5,058.3                     | 5,085.5                     | 5,042.8                     | 14.7                | 16.9             | -59.46                      | 205.0                  | 504.5           | 166.5                        | 140.7                         | 25.78                | 6.456              |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

| Offset Design:  |                       | THUNDERDOME PROJECT - *THUNDERDOME FED COM 504H - OWB - PWP0 |                       |                  |                   |                        |              |              |                        |                         |                   |          | Offset Site Error:        |  | 0.0 usft |
|-----------------|-----------------------|--------------------------------------------------------------|-----------------------|------------------|-------------------|------------------------|--------------|--------------|------------------------|-------------------------|-------------------|----------|---------------------------|--|----------|
| Survey Program: |                       | 0-r.5 MWD+IFR1+MS                                            |                       |                  |                   | Rule Assigned:         |              |              |                        | Offset Well Error:      |                   | 3.0 usft |                           |  |          |
| Measured Depth  | Reference             | Offset                                                       | Semi Major Axis       |                  | Highside Toolface | Offset Wellbore Centre |              | Distance     |                        |                         | Separation Factor | Warning  |                           |  |          |
| Depth (usft)    | Vertical Depth (usft) | Measured Depth (usft)                                        | Vertical Depth (usft) | Reference (usft) |                   | Offset (usft)          | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                   |          | Minimum Separation (usft) |  |          |
| 5,200.0         | 5,156.1               | 5,185.5                                                      | 5,141.2               | 15.1             | 17.4              | -60.61                 | 206.2        | 521.8        | 165.2                  | 139.2                   | 26.05             | 6.344    |                           |  |          |
| 5,300.0         | 5,253.9               | 5,285.4                                                      | 5,239.6               | 15.5             | 17.8              | -61.78                 | 207.4        | 539.1        | 164.1                  | 137.8                   | 26.29             | 6.242    |                           |  |          |
| 5,400.0         | 5,351.8               | 5,385.3                                                      | 5,338.0               | 15.9             | 18.2              | -62.96                 | 208.6        | 556.4        | 163.0                  | 136.5                   | 26.50             | 6.150    |                           |  |          |
| 5,500.0         | 5,449.6               | 5,485.3                                                      | 5,436.4               | 16.3             | 18.6              | -64.16                 | 209.8        | 573.7        | 162.0                  | 135.3                   | 26.70             | 6.067    |                           |  |          |
| 5,600.0         | 5,547.4               | 5,585.2                                                      | 5,534.9               | 16.7             | 19.1              | -65.38                 | 211.0        | 591.0        | 161.0                  | 134.2                   | 26.87             | 5.993    |                           |  |          |
| 5,700.0         | 5,645.2               | 5,685.1                                                      | 5,633.3               | 17.2             | 19.5              | -66.61                 | 212.3        | 608.3        | 160.2                  | 133.1                   | 27.02             | 5.927    |                           |  |          |
| 5,800.0         | 5,743.0               | 5,785.1                                                      | 5,731.7               | 17.6             | 19.9              | -67.85                 | 213.5        | 625.6        | 159.4                  | 132.2                   | 27.15             | 5.869    |                           |  |          |
| 5,900.0         | 5,840.8               | 5,885.0                                                      | 5,830.1               | 18.0             | 20.4              | -69.10                 | 214.7        | 643.0        | 158.6                  | 131.4                   | 27.26             | 5.819    |                           |  |          |
| 6,000.0         | 5,938.6               | 5,985.0                                                      | 5,928.5               | 18.4             | 20.8              | -70.36                 | 215.9        | 660.3        | 158.0                  | 130.6                   | 27.35             | 5.776    |                           |  |          |
| 6,100.0         | 6,036.5               | 6,084.9                                                      | 6,027.0               | 18.9             | 21.2              | -71.64                 | 217.1        | 677.6        | 157.4                  | 130.0                   | 27.43             | 5.740    |                           |  |          |
| 6,200.0         | 6,134.3               | 6,184.8                                                      | 6,125.4               | 19.3             | 21.7              | -72.92                 | 218.3        | 694.9        | 156.9                  | 129.5                   | 27.49             | 5.710    |                           |  |          |
| 6,300.0         | 6,232.1               | 6,284.8                                                      | 6,223.8               | 19.7             | 22.1              | -74.21                 | 219.5        | 712.2        | 156.5                  | 129.0                   | 27.53             | 5.685    |                           |  |          |
| 6,400.0         | 6,329.9               | 6,384.7                                                      | 6,322.2               | 20.2             | 22.6              | -75.50                 | 220.7        | 729.5        | 156.2                  | 128.6                   | 27.57             | 5.666    |                           |  |          |
| 6,500.0         | 6,427.7               | 6,484.6                                                      | 6,420.6               | 20.6             | 23.0              | -76.80                 | 221.9        | 746.8        | 156.0                  | 128.4                   | 27.60             | 5.651    |                           |  |          |
| 6,600.0         | 6,525.5               | 6,584.6                                                      | 6,519.0               | 21.1             | 23.4              | -78.11                 | 223.1        | 764.1        | 155.8                  | 128.2                   | 27.62             | 5.640    |                           |  |          |
| 6,700.0         | 6,623.3               | 6,684.5                                                      | 6,617.5               | 21.5             | 23.9              | -79.41                 | 224.4        | 781.5        | 155.7                  | 128.1                   | 27.64             | 5.632    |                           |  |          |
| 6,800.0         | 6,721.2               | 6,784.9                                                      | 6,716.5               | 22.0             | 24.4              | -80.97                 | 225.5        | 798.2        | 155.6                  | 127.8                   | 27.72             | 5.611    |                           |  |          |
| 6,900.0         | 6,819.0               | 6,885.2                                                      | 6,815.6               | 22.4             | 24.8              | -83.15                 | 226.6        | 813.2        | 155.3                  | 127.7                   | 27.58             | 5.629    |                           |  |          |
| 7,000.0         | 6,916.8               | 6,985.3                                                      | 6,914.8               | 22.9             | 25.2              | -85.98                 | 227.5        | 826.4        | 155.0                  | 127.7                   | 27.35             | 5.668 ES |                           |  |          |
| 7,046.5         | 6,962.3               | 7,031.7                                                      | 6,960.9               | 23.1             | 25.4              | -87.52                 | 227.9        | 832.0        | 155.0                  | 127.7                   | 27.24             | 5.689    |                           |  |          |
| 7,100.0         | 7,014.6               | 7,085.0                                                      | 7,013.9               | 23.3             | 25.6              | -89.45                 | 228.3        | 837.9        | 155.0                  | 127.9                   | 27.14             | 5.712    |                           |  |          |
| 7,200.0         | 7,112.4               | 7,184.4                                                      | 7,112.8               | 23.8             | 26.0              | -93.52                 | 229.0        | 847.6        | 155.7                  | 128.5                   | 27.12             | 5.740    |                           |  |          |
| 7,300.0         | 7,210.3               | 7,283.5                                                      | 7,211.5               | 24.2             | 26.4              | -98.03                 | 229.5        | 855.6        | 157.2                  | 129.8                   | 27.42             | 5.733    |                           |  |          |
| 7,400.0         | 7,308.5               | 7,382.3                                                      | 7,310.1               | 24.6             | 26.7              | -102.47                | 230.0        | 861.9        | 159.7                  | 131.5                   | 28.17             | 5.669    |                           |  |          |
| 7,500.0         | 7,407.0               | 7,480.9                                                      | 7,408.6               | 25.1             | 27.1              | -106.76                | 230.3        | 866.4        | 163.1                  | 133.8                   | 29.29             | 5.568    |                           |  |          |
| 7,600.0         | 7,505.8               | 7,579.2                                                      | 7,506.9               | 25.5             | 27.3              | -110.85                | 230.5        | 869.3        | 167.2                  | 136.6                   | 30.68             | 5.452    |                           |  |          |
| 7,700.0         | 7,604.9               | 7,677.4                                                      | 7,605.1               | 25.9             | 27.5              | -114.72                | 230.6        | 870.5        | 172.2                  | 139.9                   | 32.22             | 5.343    |                           |  |          |
| 7,800.0         | 7,704.1               | 7,776.5                                                      | 7,704.1               | 26.3             | 27.6              | -118.25                | 230.6        | 870.5        | 177.5                  | 143.6                   | 33.88             | 5.240    |                           |  |          |
| 7,900.0         | 7,803.6               | 7,875.9                                                      | 7,803.6               | 26.7             | 27.7              | -121.11                | 230.6        | 870.5        | 182.6                  | 147.3                   | 35.30             | 5.173    |                           |  |          |
| 8,000.0         | 7,903.3               | 7,975.6                                                      | 7,903.3               | 27.1             | 27.7              | -123.38                | 230.6        | 870.5        | 187.2                  | 150.7                   | 36.50             | 5.128    |                           |  |          |
| 8,100.0         | 8,003.0               | 8,075.3                                                      | 8,003.0               | 27.4             | 27.7              | -125.10                | 230.6        | 870.5        | 191.0                  | 153.5                   | 37.50             | 5.093    |                           |  |          |
| 8,200.0         | 8,102.9               | 8,175.2                                                      | 8,102.9               | 27.8             | 27.8              | -126.34                | 230.6        | 870.5        | 193.9                  | 155.6                   | 38.28             | 5.066    |                           |  |          |
| 8,300.0         | 8,202.8               | 8,275.1                                                      | 8,202.8               | 28.1             | 27.8              | -127.13                | 230.6        | 870.5        | 195.9                  | 157.0                   | 38.87             | 5.040    |                           |  |          |
| 8,400.0         | 8,302.8               | 8,375.1                                                      | 8,302.8               | 28.3             | 27.8              | -127.50                | 230.6        | 870.5        | 196.8                  | 157.6                   | 39.24             | 5.017    |                           |  |          |
| 8,500.0         | 8,402.8               | 8,475.1                                                      | 8,402.8               | 28.4             | 27.9              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.6                   | 39.35             | 5.005    |                           |  |          |
| 8,600.0         | 8,502.8               | 8,575.1                                                      | 8,502.8               | 28.4             | 27.9              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.5                   | 39.45             | 4.992    |                           |  |          |
| 8,700.0         | 8,602.8               | 8,675.1                                                      | 8,602.8               | 28.4             | 27.9              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.4                   | 39.55             | 4.979    |                           |  |          |
| 8,800.0         | 8,702.8               | 8,775.1                                                      | 8,702.8               | 28.5             | 28.0              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.3                   | 39.65             | 4.966    |                           |  |          |
| 8,900.0         | 8,802.8               | 8,875.1                                                      | 8,802.8               | 28.5             | 28.0              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.2                   | 39.75             | 4.954    |                           |  |          |
| 9,000.0         | 8,902.8               | 8,975.1                                                      | 8,902.8               | 28.5             | 28.0              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.1                   | 39.85             | 4.941    |                           |  |          |
| 9,100.0         | 9,002.8               | 9,075.1                                                      | 9,002.8               | 28.6             | 28.1              | -39.53                 | 230.6        | 870.5        | 196.9                  | 157.0                   | 39.96             | 4.928    |                           |  |          |
| 9,200.0         | 9,102.8               | 9,175.1                                                      | 9,102.8               | 28.6             | 28.1              | -39.53                 | 230.6        | 870.5        | 196.9                  | 156.9                   | 40.06             | 4.916    |                           |  |          |
| 9,210.0         | 9,112.8               | 9,185.1                                                      | 9,112.8               | 28.6             | 28.1              | -39.53                 | 230.6        | 870.5        | 196.9                  | 156.8                   | 40.07             | 4.914 SF |                           |  |          |
| 9,300.0         | 9,202.8               | 9,264.4                                                      | 9,192.0               | 28.6             | 28.1              | -39.27                 | 232.0        | 870.5        | 198.3                  | 158.6                   | 39.71             | 4.994    |                           |  |          |
| 9,400.0         | 9,302.8               | 9,341.8                                                      | 9,268.6               | 28.7             | 28.2              | -37.42                 | 242.6        | 870.4        | 209.2                  | 170.9                   | 38.27             | 5.465    |                           |  |          |
| 9,500.0         | 9,402.8               | 9,415.1                                                      | 9,339.2               | 28.7             | 28.3              | -34.38                 | 262.0        | 870.4        | 231.1                  | 194.6                   | 36.46             | 6.337    |                           |  |          |
| 9,600.0         | 9,502.8               | 9,482.4                                                      | 9,401.5               | 28.7             | 28.3              | -30.99                 | 287.7        | 870.3        | 264.1                  | 229.1                   | 34.93             | 7.559    |                           |  |          |
| 9,700.0         | 9,602.8               | 9,550.0                                                      | 9,460.4               | 28.8             | 28.4              | -27.45                 | 320.7        | 870.1        | 307.6                  | 273.6                   | 34.00             | 9.048    |                           |  |          |
| 9,800.0         | 9,702.8               | 9,600.0                                                      | 9,501.3               | 28.8             | 28.4              | -24.93                 | 349.4        | 870.0        | 360.1                  | 326.4                   | 33.79             | 10.659   |                           |  |          |
| 9,900.0         | 9,802.8               | 9,650.0                                                      | 9,539.6               | 28.9             | 28.5              | -22.58                 | 381.6        | 869.9        | 420.6                  | 386.6                   | 33.99             | 12.375   |                           |  |          |
| 10,000.0        | 9,902.8               | 9,684.2                                                      | 9,564.1               | 28.9             | 28.5              | -21.09                 | 405.4        | 869.8        | 487.2                  | 452.7                   | 34.53             | 14.110   |                           |  |          |
| 10,100.0        | 10,002.8              | 9,719.8                                                      | 9,588.0               | 28.9             | 28.5              | -19.66                 | 431.8        | 869.7        | 559.2                  | 524.0                   | 35.15             | 15.910   |                           |  |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           |                    |          |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|---------------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 504H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                           | Offset Well Error: | 3.0 usft |
| Reference                                                                   | Offset                | Semi Major Axis       |                       | Distance         |               | Rule Assigned:        |                                     |              |                        |                         |                           |                    |          |
| Measured Depth (usft)                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor  | Warning  |
| 10,200.0                                                                    | 10,102.8              | 9,750.0               | 9,607.0               | 29.0             | 28.6          | -18.53                | 455.3                               | 869.6        | 635.3                  | 599.5                   | 35.81                     | 17.742             |          |
| 10,300.0                                                                    | 10,202.8              | 9,778.2               | 9,623.5               | 29.0             | 28.6          | -17.56                | 478.1                               | 869.5        | 714.9                  | 678.4                   | 36.46                     | 19.606             |          |
| 10,400.0                                                                    | 10,302.8              | 9,800.0               | 9,635.6               | 29.0             | 28.6          | -16.84                | 496.3                               | 869.4        | 797.2                  | 760.1                   | 37.11                     | 21.482             |          |
| 10,500.0                                                                    | 10,402.8              | 9,823.2               | 9,647.6               | 29.1             | 28.7          | -16.13                | 516.1                               | 869.3        | 881.8                  | 844.1                   | 37.72                     | 23.378             |          |
| 10,600.0                                                                    | 10,502.8              | 9,850.0               | 9,660.5               | 29.1             | 28.7          | -15.36                | 539.6                               | 869.2        | 968.4                  | 930.1                   | 38.30                     | 25.288             |          |
| 10,700.0                                                                    | 10,602.8              | 9,850.0               | 9,660.5               | 29.1             | 28.7          | -15.36                | 539.6                               | 869.2        | 1,056.6                | 1,017.7                 | 38.89                     | 27.169             |          |
| 10,800.0                                                                    | 10,702.4              | 9,876.0               | 9,672.0               | 29.2             | 28.7          | -11.00                | 562.9                               | 869.1        | 1,142.2                | 1,102.7                 | 39.46                     | 28.943             |          |
| 10,900.0                                                                    | 10,799.0              | 9,900.0               | 9,681.6               | 29.3             | 28.7          | -8.64                 | 584.9                               | 869.0        | 1,220.0                | 1,180.0                 | 40.07                     | 30.447             |          |
| 11,000.0                                                                    | 10,889.9              | 9,919.0               | 9,688.6               | 29.4             | 28.8          | -7.22                 | 602.6                               | 869.0        | 1,288.8                | 1,248.1                 | 40.68                     | 31.678             |          |
| 11,100.0                                                                    | 10,972.1              | 9,950.0               | 9,698.6               | 29.5             | 28.8          | -6.26                 | 631.9                               | 868.8        | 1,347.4                | 1,306.1                 | 41.29                     | 32.632             |          |
| 11,200.0                                                                    | 11,043.2              | 9,969.5               | 9,704.2               | 29.6             | 28.8          | -5.65                 | 650.6                               | 868.8        | 1,395.1                | 1,353.2                 | 41.86                     | 33.325             |          |
| 11,300.0                                                                    | 11,101.1              | 10,000.0              | 9,711.5               | 29.7             | 28.8          | -5.24                 | 680.2                               | 868.6        | 1,431.2                | 1,388.8                 | 42.41                     | 33.745             |          |
| 11,400.0                                                                    | 11,144.0              | 10,024.0              | 9,716.2               | 29.7             | 28.9          | -5.00                 | 703.8                               | 868.6        | 1,455.3                | 1,412.4                 | 42.90                     | 33.920             |          |
| 11,500.0                                                                    | 11,170.5              | 10,050.0              | 9,720.1               | 29.8             | 28.9          | -4.89                 | 729.4                               | 868.4        | 1,467.0                | 1,423.7                 | 43.34                     | 33.847             |          |
| 11,600.0                                                                    | 11,179.9              | 10,080.2              | 9,723.3               | 29.9             | 28.9          | -4.89                 | 759.4                               | 868.3        | 1,466.3                | 1,422.6                 | 43.75                     | 33.514             |          |
| 11,700.0                                                                    | 11,180.0              | 10,100.0              | 9,724.4               | 30.0             | 28.9          | -4.90                 | 779.2                               | 868.2        | 1,461.2                | 1,417.2                 | 43.99                     | 33.217             |          |
| 11,756.5                                                                    | 11,180.0              | 10,124.3              | 9,725.0               | 30.1             | 28.9          | -4.90                 | 803.5                               | 868.1        | 1,460.3                | 1,416.2                 | 44.15                     | 33.074             |          |
| 11,800.0                                                                    | 11,180.0              | 10,167.7              | 9,725.0               | 30.1             | 29.0          | -4.90                 | 847.0                               | 868.0        | 1,460.3                | 1,416.0                 | 44.36                     | 32.917             |          |
| 11,900.0                                                                    | 11,180.0              | 10,267.7              | 9,725.0               | 30.2             | 29.1          | -4.90                 | 947.0                               | 867.6        | 1,460.3                | 1,415.4                 | 44.89                     | 32.529             |          |
| 12,000.0                                                                    | 11,180.0              | 10,367.7              | 9,725.0               | 30.4             | 29.2          | -4.90                 | 1,047.0                             | 867.1        | 1,460.3                | 1,414.9                 | 45.47                     | 32.117             |          |
| 12,100.0                                                                    | 11,180.0              | 10,467.7              | 9,725.0               | 30.6             | 29.4          | -4.90                 | 1,147.0                             | 866.7        | 1,460.3                | 1,414.3                 | 46.09                     | 31.684             |          |
| 12,200.0                                                                    | 11,180.0              | 10,567.7              | 9,725.0               | 30.7             | 29.5          | -4.90                 | 1,247.0                             | 866.3        | 1,460.3                | 1,413.6                 | 46.75                     | 31.234             |          |
| 12,300.0                                                                    | 11,180.0              | 10,667.7              | 9,725.0               | 30.9             | 29.7          | -4.90                 | 1,347.0                             | 865.9        | 1,460.3                | 1,412.9                 | 47.46                     | 30.769             |          |
| 12,400.0                                                                    | 11,180.0              | 10,767.7              | 9,725.0               | 31.2             | 29.9          | -4.90                 | 1,447.0                             | 865.5        | 1,460.3                | 1,412.1                 | 48.21                     | 30.293             |          |
| 12,500.0                                                                    | 11,180.0              | 10,867.7              | 9,725.0               | 31.4             | 30.2          | -4.90                 | 1,547.0                             | 865.1        | 1,460.3                | 1,411.4                 | 48.99                     | 29.808             |          |
| 12,600.0                                                                    | 11,180.0              | 10,967.7              | 9,725.0               | 31.7             | 30.4          | -4.90                 | 1,647.0                             | 864.7        | 1,460.3                | 1,410.5                 | 49.81                     | 29.318             |          |
| 12,700.0                                                                    | 11,180.0              | 11,067.7              | 9,725.0               | 31.9             | 30.7          | -4.90                 | 1,747.0                             | 864.3        | 1,460.3                | 1,409.7                 | 50.67                     | 28.823             |          |
| 12,800.0                                                                    | 11,180.0              | 11,167.7              | 9,725.0               | 32.2             | 31.0          | -4.91                 | 1,847.0                             | 863.9        | 1,460.3                | 1,408.8                 | 51.55                     | 28.327             |          |
| 12,900.0                                                                    | 11,180.0              | 11,267.7              | 9,725.0               | 32.6             | 31.2          | -4.91                 | 1,947.0                             | 863.5        | 1,460.3                | 1,407.9                 | 52.47                     | 27.832             |          |
| 13,000.0                                                                    | 11,180.0              | 11,367.7              | 9,725.0               | 32.9             | 31.6          | -4.91                 | 2,047.0                             | 863.1        | 1,460.4                | 1,406.9                 | 53.42                     | 27.338             |          |
| 13,100.0                                                                    | 11,180.0              | 11,467.7              | 9,725.0               | 33.2             | 31.9          | -4.91                 | 2,147.0                             | 862.6        | 1,460.4                | 1,406.0                 | 54.39                     | 26.848             |          |
| 13,200.0                                                                    | 11,180.0              | 11,567.7              | 9,725.0               | 33.6             | 32.2          | -4.91                 | 2,247.0                             | 862.2        | 1,460.4                | 1,405.0                 | 55.39                     | 26.363             |          |
| 13,300.0                                                                    | 11,180.0              | 11,667.7              | 9,725.0               | 33.9             | 32.6          | -4.91                 | 2,347.0                             | 861.8        | 1,460.4                | 1,403.9                 | 56.42                     | 25.883             |          |
| 13,400.0                                                                    | 11,180.0              | 11,767.7              | 9,725.0               | 34.3             | 33.0          | -4.91                 | 2,447.0                             | 861.4        | 1,460.4                | 1,402.9                 | 57.47                     | 25.411             |          |
| 13,500.0                                                                    | 11,180.0              | 11,867.7              | 9,725.0               | 34.7             | 33.4          | -4.91                 | 2,547.0                             | 861.0        | 1,460.4                | 1,401.8                 | 58.54                     | 24.945             |          |
| 13,600.0                                                                    | 11,180.0              | 11,967.7              | 9,725.0               | 35.1             | 33.8          | -4.91                 | 2,647.0                             | 860.6        | 1,460.4                | 1,400.7                 | 59.64                     | 24.488             |          |
| 13,700.0                                                                    | 11,180.0              | 12,067.7              | 9,725.0               | 35.6             | 34.2          | -4.91                 | 2,747.0                             | 860.2        | 1,460.4                | 1,399.6                 | 60.75                     | 24.039             |          |
| 13,800.0                                                                    | 11,180.0              | 12,167.7              | 9,725.0               | 36.0             | 34.6          | -4.91                 | 2,847.0                             | 859.8        | 1,460.4                | 1,398.5                 | 61.88                     | 23.600             |          |
| 13,900.0                                                                    | 11,180.0              | 12,267.7              | 9,725.0               | 36.5             | 35.1          | -4.91                 | 2,947.0                             | 859.4        | 1,460.4                | 1,397.3                 | 63.03                     | 23.169             |          |
| 14,000.0                                                                    | 11,180.0              | 12,367.7              | 9,725.0               | 36.9             | 35.5          | -4.91                 | 3,047.0                             | 859.0        | 1,460.4                | 1,396.2                 | 64.20                     | 22.748             |          |
| 14,100.0                                                                    | 11,180.0              | 12,467.7              | 9,725.0               | 37.4             | 36.0          | -4.91                 | 3,147.0                             | 858.5        | 1,460.4                | 1,395.0                 | 65.38                     | 22.337             |          |
| 14,200.0                                                                    | 11,180.0              | 12,567.7              | 9,725.0               | 37.9             | 36.5          | -4.91                 | 3,247.0                             | 858.1        | 1,460.4                | 1,393.8                 | 66.58                     | 21.935             |          |
| 14,300.0                                                                    | 11,180.0              | 12,667.7              | 9,725.0               | 38.4             | 37.0          | -4.91                 | 3,347.0                             | 857.7        | 1,460.4                | 1,392.6                 | 67.79                     | 21.543             |          |
| 14,400.0                                                                    | 11,180.0              | 12,767.7              | 9,725.0               | 38.9             | 37.5          | -4.91                 | 3,447.0                             | 857.3        | 1,460.4                | 1,391.3                 | 69.01                     | 21.160             |          |
| 14,500.0                                                                    | 11,180.0              | 12,867.7              | 9,725.0               | 39.4             | 38.0          | -4.91                 | 3,546.9                             | 856.9        | 1,460.4                | 1,390.1                 | 70.25                     | 20.787             |          |
| 14,600.0                                                                    | 11,180.0              | 12,967.7              | 9,725.0               | 39.9             | 38.5          | -4.91                 | 3,646.9                             | 856.5        | 1,460.4                | 1,388.9                 | 71.50                     | 20.424             |          |
| 14,700.0                                                                    | 11,180.0              | 13,067.7              | 9,725.0               | 40.4             | 39.0          | -4.91                 | 3,746.9                             | 856.1        | 1,460.4                | 1,387.6                 | 72.76                     | 20.070             |          |
| 14,800.0                                                                    | 11,180.0              | 13,167.7              | 9,725.0               | 40.9             | 39.5          | -4.91                 | 3,846.9                             | 855.7        | 1,460.4                | 1,386.3                 | 74.04                     | 19.725             |          |
| 14,900.0                                                                    | 11,180.0              | 13,267.7              | 9,725.0               | 41.5             | 40.1          | -4.91                 | 3,946.9                             | 855.3        | 1,460.4                | 1,385.0                 | 75.32                     | 19.389             |          |
| 15,000.0                                                                    | 11,180.0              | 13,367.7              | 9,725.0               | 42.0             | 40.6          | -4.91                 | 4,046.9                             | 854.9        | 1,460.4                | 1,383.8                 | 76.61                     | 19.061             |          |
| 15,100.0                                                                    | 11,180.0              | 13,467.7              | 9,725.0               | 42.6             | 41.2          | -4.91                 | 4,146.9                             | 854.4        | 1,460.4                | 1,382.5                 | 77.92                     | 18.743             |          |
| 15,200.0                                                                    | 11,180.0              | 13,567.7              | 9,725.0               | 43.2             | 41.7          | -4.91                 | 4,246.9                             | 854.0        | 1,460.4                | 1,381.1                 | 79.23                     | 18.433             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 504H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,300.0                                                                    | 11,180.0                    | 13,667.7                    | 9,725.0                     | 43.7                | 42.3             | -4.91                       | 4,346.9                | 853.6           | 1,460.4                      | 1,379.8                       | 80.55                           | 18.131               |          |
| 15,400.0                                                                    | 11,180.0                    | 13,767.7                    | 9,725.0                     | 44.3                | 42.9             | -4.92                       | 4,446.9                | 853.2           | 1,460.4                      | 1,378.5                       | 81.87                           | 17.837               |          |
| 15,500.0                                                                    | 11,180.0                    | 13,867.7                    | 9,725.0                     | 44.9                | 43.5             | -4.92                       | 4,546.9                | 852.8           | 1,460.4                      | 1,377.2                       | 83.21                           | 17.551               |          |
| 15,600.0                                                                    | 11,180.0                    | 13,967.7                    | 9,725.0                     | 45.5                | 44.1             | -4.92                       | 4,646.9                | 852.4           | 1,460.4                      | 1,375.8                       | 84.55                           | 17.272               |          |
| 15,700.0                                                                    | 11,180.0                    | 14,067.7                    | 9,725.0                     | 46.1                | 44.7             | -4.92                       | 4,746.9                | 852.0           | 1,460.4                      | 1,374.5                       | 85.90                           | 17.001               |          |
| 15,800.0                                                                    | 11,180.0                    | 14,167.7                    | 9,725.0                     | 46.6                | 45.3             | -4.92                       | 4,846.9                | 851.6           | 1,460.4                      | 1,373.1                       | 87.26                           | 16.736               |          |
| 15,900.0                                                                    | 11,180.0                    | 14,267.7                    | 9,725.0                     | 47.3                | 45.9             | -4.92                       | 4,946.9                | 851.2           | 1,460.4                      | 1,371.8                       | 88.62                           | 16.479               |          |
| 16,000.0                                                                    | 11,180.0                    | 14,367.7                    | 9,725.0                     | 47.9                | 46.5             | -4.92                       | 5,046.9                | 850.8           | 1,460.4                      | 1,370.4                       | 89.99                           | 16.228               |          |
| 16,100.0                                                                    | 11,180.0                    | 14,467.7                    | 9,725.0                     | 48.5                | 47.1             | -4.92                       | 5,146.9                | 850.4           | 1,460.4                      | 1,369.0                       | 91.36                           | 15.984               |          |
| 16,200.0                                                                    | 11,180.0                    | 14,567.7                    | 9,725.0                     | 49.1                | 47.7             | -4.92                       | 5,246.9                | 849.9           | 1,460.4                      | 1,367.6                       | 92.74                           | 15.747               |          |
| 16,300.0                                                                    | 11,180.0                    | 14,667.7                    | 9,725.0                     | 49.7                | 48.3             | -4.92                       | 5,346.9                | 849.5           | 1,460.4                      | 1,366.3                       | 94.13                           | 15.515               |          |
| 16,400.0                                                                    | 11,180.0                    | 14,767.7                    | 9,725.0                     | 50.3                | 48.9             | -4.92                       | 5,446.9                | 849.1           | 1,460.4                      | 1,364.9                       | 95.52                           | 15.289               |          |
| 16,500.0                                                                    | 11,180.0                    | 14,867.7                    | 9,725.0                     | 51.0                | 49.6             | -4.92                       | 5,546.9                | 848.7           | 1,460.4                      | 1,363.5                       | 96.91                           | 15.069               |          |
| 16,600.0                                                                    | 11,180.0                    | 14,967.7                    | 9,725.0                     | 51.6                | 50.2             | -4.92                       | 5,646.9                | 848.3           | 1,460.4                      | 1,362.1                       | 98.31                           | 14.855               |          |
| 16,700.0                                                                    | 11,180.0                    | 15,067.7                    | 9,725.0                     | 52.2                | 50.8             | -4.92                       | 5,746.9                | 847.9           | 1,460.4                      | 1,360.7                       | 99.71                           | 14.646               |          |
| 16,800.0                                                                    | 11,180.0                    | 15,167.7                    | 9,725.0                     | 52.9                | 51.5             | -4.92                       | 5,846.9                | 847.5           | 1,460.4                      | 1,359.3                       | 101.12                          | 14.442               |          |
| 16,900.0                                                                    | 11,180.0                    | 15,267.7                    | 9,725.0                     | 53.5                | 52.1             | -4.92                       | 5,946.9                | 847.1           | 1,460.4                      | 1,357.8                       | 102.53                          | 14.243               |          |
| 17,000.0                                                                    | 11,180.0                    | 15,367.7                    | 9,725.0                     | 54.2                | 52.8             | -4.92                       | 6,046.9                | 846.7           | 1,460.4                      | 1,356.4                       | 103.95                          | 14.049               |          |
| 17,100.0                                                                    | 11,180.0                    | 15,467.7                    | 9,725.0                     | 54.8                | 53.4             | -4.92                       | 6,146.9                | 846.3           | 1,460.4                      | 1,355.0                       | 105.37                          | 13.860               |          |
| 17,200.0                                                                    | 11,180.0                    | 15,567.7                    | 9,725.0                     | 55.5                | 54.1             | -4.92                       | 6,246.9                | 845.8           | 1,460.4                      | 1,353.6                       | 106.79                          | 13.675               |          |
| 17,300.0                                                                    | 11,180.0                    | 15,667.7                    | 9,725.0                     | 56.1                | 54.7             | -4.92                       | 6,346.9                | 845.4           | 1,460.4                      | 1,352.2                       | 108.22                          | 13.495               |          |
| 17,400.0                                                                    | 11,180.0                    | 15,767.7                    | 9,725.0                     | 56.8                | 55.4             | -4.92                       | 6,446.9                | 845.0           | 1,460.4                      | 1,350.7                       | 109.65                          | 13.319               |          |
| 17,500.0                                                                    | 11,180.0                    | 15,867.7                    | 9,725.0                     | 57.4                | 56.1             | -4.92                       | 6,546.9                | 844.6           | 1,460.4                      | 1,349.3                       | 111.08                          | 13.147               |          |
| 17,600.0                                                                    | 11,180.0                    | 15,967.7                    | 9,725.0                     | 58.1                | 56.7             | -4.92                       | 6,646.9                | 844.2           | 1,460.4                      | 1,347.9                       | 112.52                          | 12.979               |          |
| 17,700.0                                                                    | 11,180.0                    | 16,067.7                    | 9,725.0                     | 58.8                | 57.4             | -4.92                       | 6,746.9                | 843.8           | 1,460.4                      | 1,346.4                       | 113.96                          | 12.815               |          |
| 17,800.0                                                                    | 11,180.0                    | 16,167.7                    | 9,725.0                     | 59.4                | 58.1             | -4.92                       | 6,846.9                | 843.4           | 1,460.4                      | 1,345.0                       | 115.40                          | 12.655               |          |
| 17,900.0                                                                    | 11,180.0                    | 16,267.7                    | 9,725.0                     | 60.1                | 58.7             | -4.92                       | 6,946.9                | 843.0           | 1,460.4                      | 1,343.5                       | 116.84                          | 12.499               |          |
| 18,000.0                                                                    | 11,180.0                    | 16,367.7                    | 9,725.0                     | 60.8                | 59.4             | -4.92                       | 7,046.9                | 842.6           | 1,460.4                      | 1,342.1                       | 118.29                          | 12.346               |          |
| 18,100.0                                                                    | 11,180.0                    | 16,467.7                    | 9,725.0                     | 61.4                | 60.1             | -4.93                       | 7,146.9                | 842.2           | 1,460.4                      | 1,340.7                       | 119.74                          | 12.196               |          |
| 18,200.0                                                                    | 11,180.0                    | 16,567.7                    | 9,725.0                     | 62.1                | 60.8             | -4.93                       | 7,246.9                | 841.8           | 1,460.4                      | 1,339.2                       | 121.19                          | 12.050               |          |
| 18,300.0                                                                    | 11,180.0                    | 16,667.7                    | 9,725.0                     | 62.8                | 61.5             | -4.93                       | 7,346.9                | 841.3           | 1,460.4                      | 1,337.7                       | 122.65                          | 11.907               |          |
| 18,400.0                                                                    | 11,180.0                    | 16,767.7                    | 9,725.0                     | 63.5                | 62.1             | -4.93                       | 7,446.9                | 840.9           | 1,460.4                      | 1,336.3                       | 124.10                          | 11.768               |          |
| 18,500.0                                                                    | 11,180.0                    | 16,867.7                    | 9,725.0                     | 64.2                | 62.8             | -4.93                       | 7,546.9                | 840.5           | 1,460.4                      | 1,334.8                       | 125.56                          | 11.631               |          |
| 18,600.0                                                                    | 11,180.0                    | 16,967.7                    | 9,725.0                     | 64.8                | 63.5             | -4.93                       | 7,646.9                | 840.1           | 1,460.4                      | 1,333.4                       | 127.02                          | 11.497               |          |
| 18,700.0                                                                    | 11,180.0                    | 17,067.7                    | 9,725.0                     | 65.5                | 64.2             | -4.93                       | 7,746.9                | 839.7           | 1,460.4                      | 1,331.9                       | 128.49                          | 11.366               |          |
| 18,800.0                                                                    | 11,180.0                    | 17,167.7                    | 9,725.0                     | 66.2                | 64.9             | -4.93                       | 7,846.9                | 839.3           | 1,460.4                      | 1,330.4                       | 129.95                          | 11.238               |          |
| 18,900.0                                                                    | 11,180.0                    | 17,267.7                    | 9,725.0                     | 66.9                | 65.6             | -4.93                       | 7,946.9                | 838.9           | 1,460.4                      | 1,329.0                       | 131.42                          | 11.113               |          |
| 19,000.0                                                                    | 11,180.0                    | 17,367.7                    | 9,725.0                     | 67.6                | 66.3             | -4.93                       | 8,046.9                | 838.5           | 1,460.4                      | 1,327.5                       | 132.89                          | 10.990               |          |
| 19,100.0                                                                    | 11,180.0                    | 17,467.7                    | 9,725.0                     | 68.3                | 67.0             | -4.93                       | 8,146.9                | 838.1           | 1,460.4                      | 1,326.0                       | 134.36                          | 10.870               |          |
| 19,200.0                                                                    | 11,180.0                    | 17,567.7                    | 9,725.0                     | 69.0                | 67.7             | -4.93                       | 8,246.9                | 837.7           | 1,460.4                      | 1,324.6                       | 135.83                          | 10.752               |          |
| 19,300.0                                                                    | 11,180.0                    | 17,667.7                    | 9,725.0                     | 69.7                | 68.4             | -4.93                       | 8,346.9                | 837.2           | 1,460.4                      | 1,323.1                       | 137.30                          | 10.636               |          |
| 19,400.0                                                                    | 11,180.0                    | 17,767.7                    | 9,725.0                     | 70.4                | 69.1             | -4.93                       | 8,446.9                | 836.8           | 1,460.4                      | 1,321.6                       | 138.78                          | 10.523               |          |
| 19,500.0                                                                    | 11,180.0                    | 17,867.7                    | 9,725.0                     | 71.1                | 69.8             | -4.93                       | 8,546.9                | 836.4           | 1,460.4                      | 1,320.1                       | 140.26                          | 10.412               |          |
| 19,600.0                                                                    | 11,180.0                    | 17,967.7                    | 9,725.0                     | 71.8                | 70.5             | -4.93                       | 8,646.9                | 836.0           | 1,460.4                      | 1,318.7                       | 141.73                          | 10.304               |          |
| 19,700.0                                                                    | 11,180.0                    | 18,067.7                    | 9,725.0                     | 72.5                | 71.2             | -4.93                       | 8,746.9                | 835.6           | 1,460.4                      | 1,317.2                       | 143.21                          | 10.197               |          |
| 19,800.0                                                                    | 11,180.0                    | 18,167.7                    | 9,725.0                     | 73.2                | 71.9             | -4.93                       | 8,846.9                | 835.2           | 1,460.4                      | 1,315.7                       | 144.70                          | 10.093               |          |
| 19,900.0                                                                    | 11,180.0                    | 18,267.7                    | 9,725.0                     | 73.9                | 72.6             | -4.93                       | 8,946.9                | 834.8           | 1,460.4                      | 1,314.2                       | 146.18                          | 9.991                |          |
| 20,000.0                                                                    | 11,180.0                    | 18,367.7                    | 9,725.0                     | 74.6                | 73.3             | -4.93                       | 9,046.9                | 834.4           | 1,460.4                      | 1,312.7                       | 147.66                          | 9.890                |          |
| 20,100.0                                                                    | 11,180.0                    | 18,467.7                    | 9,725.0                     | 75.3                | 74.0             | -4.93                       | 9,146.9                | 834.0           | 1,460.4                      | 1,311.3                       | 149.15                          | 9.792                |          |
| 20,200.0                                                                    | 11,180.0                    | 18,567.7                    | 9,725.0                     | 76.0                | 74.7             | -4.93                       | 9,246.9                | 833.6           | 1,460.4                      | 1,309.8                       | 150.63                          | 9.695                |          |
| 20,300.0                                                                    | 11,180.0                    | 18,667.7                    | 9,725.0                     | 76.7                | 75.4             | -4.93                       | 9,346.9                | 833.2           | 1,460.4                      | 1,308.3                       | 152.12                          | 9.600                |          |
| 20,400.0                                                                    | 11,180.0                    | 18,767.7                    | 9,725.0                     | 77.4                | 76.1             | -4.93                       | 9,446.9                | 832.7           | 1,460.4                      | 1,306.8                       | 153.61                          | 9.507                |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 504H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 20,500.0                                                                    | 11,180.0                    | 18,867.7                    | 9,725.0                     | 78.1                | 76.8             | -4.93                       | 9,546.9                | 832.3           | 1,460.4                      | 1,305.3                       | 155.10               | 9.416              |          |
| 20,600.0                                                                    | 11,180.0                    | 18,967.7                    | 9,725.0                     | 78.8                | 77.6             | -4.93                       | 9,646.9                | 831.9           | 1,460.4                      | 1,303.8                       | 156.59               | 9.326              |          |
| 20,700.0                                                                    | 11,180.0                    | 19,067.7                    | 9,725.0                     | 79.6                | 78.3             | -4.94                       | 9,746.9                | 831.5           | 1,460.4                      | 1,302.3                       | 158.08               | 9.238              |          |
| 20,800.0                                                                    | 11,180.0                    | 19,167.7                    | 9,725.0                     | 80.3                | 79.0             | -4.94                       | 9,846.9                | 831.1           | 1,460.4                      | 1,300.8                       | 159.58               | 9.152              |          |
| 20,900.0                                                                    | 11,180.0                    | 19,267.7                    | 9,725.0                     | 81.0                | 79.7             | -4.94                       | 9,946.9                | 830.7           | 1,460.4                      | 1,299.3                       | 161.07               | 9.067              |          |
| 21,000.0                                                                    | 11,180.0                    | 19,367.7                    | 9,725.0                     | 81.7                | 80.4             | -4.94                       | 10,046.9               | 830.3           | 1,460.4                      | 1,297.8                       | 162.57               | 8.983              |          |
| 21,100.0                                                                    | 11,180.0                    | 19,467.7                    | 9,725.0                     | 82.4                | 81.1             | -4.94                       | 10,146.9               | 829.9           | 1,460.4                      | 1,296.4                       | 164.06               | 8.902              |          |
| 21,200.0                                                                    | 11,180.0                    | 19,567.7                    | 9,725.0                     | 83.1                | 81.9             | -4.94                       | 10,246.9               | 829.5           | 1,460.4                      | 1,294.9                       | 165.56               | 8.821              |          |
| 21,300.0                                                                    | 11,180.0                    | 19,667.7                    | 9,725.0                     | 83.9                | 82.6             | -4.94                       | 10,346.9               | 829.1           | 1,460.4                      | 1,293.4                       | 167.06               | 8.742              |          |
| 21,400.0                                                                    | 11,180.0                    | 19,767.7                    | 9,725.0                     | 84.6                | 83.3             | -4.94                       | 10,446.9               | 828.6           | 1,460.4                      | 1,291.9                       | 168.56               | 8.664              |          |
| 21,500.0                                                                    | 11,180.0                    | 19,867.7                    | 9,725.0                     | 85.3                | 84.0             | -4.94                       | 10,546.9               | 828.2           | 1,460.4                      | 1,290.4                       | 170.06               | 8.588              |          |
| 21,600.0                                                                    | 11,180.0                    | 19,967.7                    | 9,725.0                     | 86.0                | 84.8             | -4.94                       | 10,646.9               | 827.8           | 1,460.4                      | 1,288.9                       | 171.56               | 8.513              |          |
| 21,700.0                                                                    | 11,180.0                    | 20,067.7                    | 9,725.0                     | 86.7                | 85.5             | -4.94                       | 10,746.9               | 827.4           | 1,460.4                      | 1,287.4                       | 173.06               | 8.439              |          |
| 21,800.0                                                                    | 11,180.0                    | 20,167.7                    | 9,725.0                     | 87.5                | 86.2             | -4.94                       | 10,846.9               | 827.0           | 1,460.4                      | 1,285.9                       | 174.56               | 8.366              |          |
| 21,900.0                                                                    | 11,180.0                    | 20,267.7                    | 9,725.0                     | 88.2                | 86.9             | -4.94                       | 10,946.9               | 826.6           | 1,460.4                      | 1,284.4                       | 176.07               | 8.295              |          |
| 22,000.0                                                                    | 11,180.0                    | 20,367.7                    | 9,725.0                     | 88.9                | 87.7             | -4.94                       | 11,046.9               | 826.2           | 1,460.4                      | 1,282.9                       | 177.57               | 8.224              |          |
| 22,100.0                                                                    | 11,180.0                    | 20,467.7                    | 9,725.0                     | 89.6                | 88.4             | -4.94                       | 11,146.9               | 825.8           | 1,460.4                      | 1,281.3                       | 179.08               | 8.155              |          |
| 22,200.0                                                                    | 11,180.0                    | 20,567.7                    | 9,725.0                     | 90.4                | 89.1             | -4.94                       | 11,246.9               | 825.4           | 1,460.4                      | 1,279.8                       | 180.58               | 8.087              |          |
| 22,300.0                                                                    | 11,180.0                    | 20,667.7                    | 9,725.0                     | 91.1                | 89.8             | -4.94                       | 11,346.9               | 825.0           | 1,460.4                      | 1,278.3                       | 182.09               | 8.020              |          |
| 22,400.0                                                                    | 11,180.0                    | 20,767.7                    | 9,725.0                     | 91.8                | 90.6             | -4.94                       | 11,446.9               | 824.5           | 1,460.4                      | 1,276.8                       | 183.59               | 7.955              |          |
| 22,500.0                                                                    | 11,180.0                    | 20,867.7                    | 9,725.0                     | 92.5                | 91.3             | -4.94                       | 11,546.9               | 824.1           | 1,460.4                      | 1,275.3                       | 185.10               | 7.890              |          |
| 22,600.0                                                                    | 11,180.0                    | 20,967.7                    | 9,725.0                     | 93.3                | 92.0             | -4.94                       | 11,646.9               | 823.7           | 1,460.4                      | 1,273.8                       | 186.61               | 7.826              |          |
| 22,700.0                                                                    | 11,180.0                    | 21,067.7                    | 9,725.0                     | 94.0                | 92.7             | -4.94                       | 11,746.9               | 823.3           | 1,460.4                      | 1,272.3                       | 188.12               | 7.763              |          |
| 22,800.0                                                                    | 11,180.0                    | 21,167.7                    | 9,725.0                     | 94.7                | 93.5             | -4.94                       | 11,846.9               | 822.9           | 1,460.4                      | 1,270.8                       | 189.63               | 7.702              |          |
| 22,900.0                                                                    | 11,180.0                    | 21,267.7                    | 9,725.0                     | 95.4                | 94.2             | -4.94                       | 11,946.9               | 822.5           | 1,460.4                      | 1,269.3                       | 191.14               | 7.641              |          |
| 23,000.0                                                                    | 11,180.0                    | 21,367.7                    | 9,725.0                     | 96.2                | 94.9             | -4.94                       | 12,046.9               | 822.1           | 1,460.4                      | 1,267.8                       | 192.65               | 7.581              |          |
| 23,100.0                                                                    | 11,180.0                    | 21,467.7                    | 9,725.0                     | 96.9                | 95.7             | -4.94                       | 12,146.9               | 821.7           | 1,460.4                      | 1,266.3                       | 194.16               | 7.522              |          |
| 23,200.0                                                                    | 11,180.0                    | 21,567.7                    | 9,725.0                     | 97.6                | 96.4             | -4.94                       | 12,246.9               | 821.3           | 1,460.4                      | 1,264.8                       | 195.67               | 7.464              |          |
| 23,300.0                                                                    | 11,180.0                    | 21,667.7                    | 9,725.0                     | 98.4                | 97.1             | -4.94                       | 12,346.9               | 820.9           | 1,460.4                      | 1,263.3                       | 197.18               | 7.406              |          |
| 23,400.0                                                                    | 11,180.0                    | 21,767.7                    | 9,725.0                     | 99.1                | 97.9             | -4.95                       | 12,446.9               | 820.5           | 1,460.4                      | 1,261.7                       | 198.70               | 7.350              |          |
| 23,500.0                                                                    | 11,180.0                    | 21,867.7                    | 9,725.0                     | 99.8                | 98.6             | -4.95                       | 12,546.9               | 820.0           | 1,460.4                      | 1,260.2                       | 200.21               | 7.295              |          |
| 23,600.0                                                                    | 11,180.0                    | 21,967.7                    | 9,725.0                     | 100.6               | 99.3             | -4.95                       | 12,646.9               | 819.6           | 1,460.4                      | 1,258.7                       | 201.72               | 7.240              |          |
| 23,700.0                                                                    | 11,180.0                    | 22,067.7                    | 9,725.0                     | 101.3               | 100.1            | -4.95                       | 12,746.9               | 819.2           | 1,460.4                      | 1,257.2                       | 203.24               | 7.186              |          |
| 23,800.0                                                                    | 11,180.0                    | 22,167.7                    | 9,725.0                     | 102.0               | 100.8            | -4.95                       | 12,846.9               | 818.8           | 1,460.4                      | 1,255.7                       | 204.75               | 7.133              |          |
| 23,900.0                                                                    | 11,180.0                    | 22,267.7                    | 9,725.0                     | 102.8               | 101.6            | -4.95                       | 12,946.9               | 818.4           | 1,460.4                      | 1,254.2                       | 206.27               | 7.080              |          |
| 24,000.0                                                                    | 11,180.0                    | 22,367.7                    | 9,725.0                     | 103.5               | 102.3            | -4.95                       | 13,046.9               | 818.0           | 1,460.4                      | 1,252.7                       | 207.79               | 7.029              |          |
| 24,100.0                                                                    | 11,180.0                    | 22,467.7                    | 9,725.0                     | 104.2               | 103.0            | -4.95                       | 13,146.9               | 817.6           | 1,460.4                      | 1,251.1                       | 209.30               | 6.978              |          |
| 24,200.0                                                                    | 11,180.0                    | 22,567.7                    | 9,725.0                     | 105.0               | 103.8            | -4.95                       | 13,246.9               | 817.2           | 1,460.4                      | 1,249.6                       | 210.82               | 6.927              |          |
| 24,300.0                                                                    | 11,180.0                    | 22,667.7                    | 9,725.0                     | 105.7               | 104.5            | -4.95                       | 13,346.9               | 816.8           | 1,460.4                      | 1,248.1                       | 212.34               | 6.878              |          |
| 24,400.0                                                                    | 11,180.0                    | 22,767.7                    | 9,725.0                     | 106.5               | 105.2            | -4.95                       | 13,446.9               | 816.4           | 1,460.4                      | 1,246.6                       | 213.85               | 6.829              |          |
| 24,486.5                                                                    | 11,180.0                    | 22,854.2                    | 9,725.0                     | 107.1               | 105.9            | -4.95                       | 13,533.3               | 816.0           | 1,460.4                      | 1,245.3                       | 215.16               | 6.788              |          |

## ConocoPhillips

### Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

|                                                                                    |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          |                                    |
|------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> THUNDERDOME PROJECT - *THUNDERDOME FED COM 505H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+MS                                           |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                   |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface (°)</b> | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                       | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> |                              | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> |                                  |                          |                                    |
| 0.0                                                                                | 0.0                          | 0.0                          | 0.0                          | 3.0                     | 3.0                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 146.5                          | 6.43                             | 23.794                   |                                    |
| 100.0                                                                              | 100.0                        | 100.0                        | 100.0                        | 3.2                     | 3.2                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 146.1                          | 6.89                             | 22.194                   |                                    |
| 200.0                                                                              | 200.0                        | 200.0                        | 200.0                        | 3.5                     | 3.5                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 145.6                          | 7.33                             | 20.874                   |                                    |
| 300.0                                                                              | 300.0                        | 300.0                        | 300.0                        | 3.7                     | 3.7                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 145.2                          | 7.74                             | 19.760                   |                                    |
| 400.0                                                                              | 400.0                        | 400.0                        | 400.0                        | 3.9                     | 3.9                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 144.8                          | 8.14                             | 18.803                   |                                    |
| 500.0                                                                              | 500.0                        | 500.0                        | 500.0                        | 4.1                     | 4.1                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 144.5                          | 8.51                             | 17.968                   |                                    |
| 600.0                                                                              | 600.0                        | 600.0                        | 600.0                        | 4.2                     | 4.2                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 144.1                          | 8.88                             | 17.231                   |                                    |
| 700.0                                                                              | 700.0                        | 700.0                        | 700.0                        | 4.4                     | 4.4                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 143.7                          | 9.23                             | 16.574                   |                                    |
| 800.0                                                                              | 800.0                        | 800.0                        | 800.0                        | 4.6                     | 4.6                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 143.4                          | 9.57                             | 15.984                   |                                    |
| 900.0                                                                              | 900.0                        | 900.0                        | 900.0                        | 4.8                     | 4.8                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 143.1                          | 9.90                             | 15.449                   |                                    |
| 1,000.0                                                                            | 1,000.0                      | 1,000.0                      | 1,000.0                      | 4.9                     | 4.9                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 142.7                          | 10.22                            | 14.961                   |                                    |
| 1,100.0                                                                            | 1,100.0                      | 1,100.0                      | 1,100.0                      | 5.1                     | 5.1                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 142.4                          | 10.54                            | 14.514                   |                                    |
| 1,200.0                                                                            | 1,200.0                      | 1,200.0                      | 1,200.0                      | 5.2                     | 5.2                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 142.1                          | 10.85                            | 14.102                   |                                    |
| 1,300.0                                                                            | 1,300.0                      | 1,300.0                      | 1,300.0                      | 5.4                     | 5.4                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 141.8                          | 11.15                            | 13.721                   |                                    |
| 1,400.0                                                                            | 1,400.0                      | 1,400.0                      | 1,400.0                      | 5.5                     | 5.5                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 141.5                          | 11.44                            | 13.366                   |                                    |
| 1,500.0                                                                            | 1,500.0                      | 1,500.0                      | 1,500.0                      | 5.7                     | 5.7                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 141.2                          | 11.73                            | 13.036                   |                                    |
| 1,600.0                                                                            | 1,600.0                      | 1,600.0                      | 1,600.0                      | 5.8                     | 5.8                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 141.0                          | 12.02                            | 12.727                   |                                    |
| 1,700.0                                                                            | 1,700.0                      | 1,700.0                      | 1,700.0                      | 6.0                     | 6.0                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 140.7                          | 12.30                            | 12.437                   |                                    |
| 1,800.0                                                                            | 1,800.0                      | 1,800.0                      | 1,800.0                      | 6.1                     | 6.1                  | 11.31                        | 150.0                         | 30.0                | 153.0                         | 140.4                          | 12.58                            | 12.164                   | CC, ES                             |
| 1,900.0                                                                            | 1,900.0                      | 1,899.1                      | 1,899.1                      | 6.3                     | 6.3                  | 11.78                        | 150.0                         | 31.3                | 153.3                         | 140.4                          | 12.84                            | 11.938                   |                                    |
| 2,000.0                                                                            | 2,000.0                      | 1,998.0                      | 1,997.9                      | 6.4                     | 6.4                  | 13.16                        | 150.2                         | 35.1                | 154.2                         | 141.2                          | 13.09                            | 11.782                   |                                    |
| 2,100.0                                                                            | 2,100.0                      | 2,096.7                      | 2,096.4                      | 6.5                     | 6.6                  | 15.43                        | 150.4                         | 41.5                | 156.1                         | 142.7                          | 13.34                            | 11.695                   |                                    |
| 2,200.0                                                                            | 2,200.0                      | 2,194.9                      | 2,194.2                      | 6.7                     | 6.8                  | 18.49                        | 150.7                         | 50.4                | 159.0                         | 145.4                          | 13.60                            | 11.691                   |                                    |
| 2,300.0                                                                            | 2,300.0                      | 2,292.7                      | 2,291.3                      | 6.8                     | 7.0                  | 22.21                        | 151.1                         | 61.7                | 163.5                         | 149.6                          | 13.87                            | 11.789                   |                                    |
| 2,400.0                                                                            | 2,400.0                      | 2,389.8                      | 2,387.4                      | 6.9                     | 7.3                  | 26.45                        | 151.6                         | 75.4                | 169.8                         | 155.6                          | 14.14                            | 12.004                   |                                    |
| 2,500.0                                                                            | 2,500.0                      | 2,486.1                      | 2,482.4                      | 7.0                     | 7.5                  | 31.00                        | 152.1                         | 91.4                | 178.4                         | 163.9                          | 14.44                            | 12.352                   |                                    |
| 2,600.0                                                                            | 2,600.0                      | 2,581.8                      | 2,576.4                      | 7.2                     | 7.8                  | -24.42                       | 152.8                         | 109.7               | 188.4                         | 173.6                          | 14.78                            | 12.747                   |                                    |
| 2,700.0                                                                            | 2,699.9                      | 2,677.0                      | 2,669.3                      | 7.3                     | 8.1                  | -20.08                       | 153.5                         | 130.2               | 198.7                         | 183.6                          | 15.15                            | 13.120                   |                                    |
| 2,800.0                                                                            | 2,799.7                      | 2,771.7                      | 2,761.3                      | 7.5                     | 8.4                  | -15.95                       | 154.3                         | 152.9               | 209.4                         | 193.9                          | 15.56                            | 13.460                   |                                    |
| 2,900.0                                                                            | 2,899.3                      | 2,868.9                      | 2,855.1                      | 7.7                     | 8.7                  | -11.98                       | 155.2                         | 177.9               | 220.0                         | 204.0                          | 16.04                            | 13.717                   |                                    |
| 3,000.0                                                                            | 2,998.6                      | 2,967.5                      | 2,950.4                      | 7.9                     | 9.0                  | -8.42                        | 156.1                         | 203.4               | 229.1                         | 212.5                          | 16.58                            | 13.817                   |                                    |
| 3,100.0                                                                            | 3,097.6                      | 3,066.3                      | 3,045.8                      | 8.1                     | 9.3                  | -5.21                        | 156.9                         | 229.0               | 237.0                         | 219.9                          | 17.11                            | 13.855                   |                                    |
| 3,200.0                                                                            | 3,196.6                      | 3,165.1                      | 3,141.3                      | 8.3                     | 9.7                  | -2.21                        | 157.8                         | 254.5               | 245.5                         | 227.8                          | 17.72                            | 13.854                   |                                    |
| 3,300.0                                                                            | 3,295.7                      | 3,264.0                      | 3,236.8                      | 8.5                     | 10.1                 | -1.51                        | 158.7                         | 280.1               | 254.5                         | 236.2                          | 18.34                            | 13.880                   |                                    |
| 3,400.0                                                                            | 3,394.5                      | 3,363.1                      | 3,332.5                      | 8.8                     | 10.4                 | -10.23                       | 159.6                         | 305.7               | 263.1                         | 244.1                          | 19.03                            | 13.827                   |                                    |
| 3,500.0                                                                            | 3,493.0                      | 3,462.6                      | 3,428.7                      | 9.0                     | 10.8                 | -17.17                       | 160.5                         | 331.5               | 270.3                         | 250.6                          | 19.72                            | 13.707                   |                                    |
| 3,600.0                                                                            | 3,591.1                      | 3,562.4                      | 3,525.1                      | 9.3                     | 11.2                 | -22.39                       | 161.4                         | 357.3               | 275.9                         | 255.5                          | 20.41                            | 13.518                   |                                    |
| 3,700.0                                                                            | 3,688.9                      | 3,662.3                      | 3,621.5                      | 9.7                     | 11.6                 | -21.98                       | 162.3                         | 383.1               | 280.7                         | 259.5                          | 21.17                            | 13.259                   |                                    |
| 3,800.0                                                                            | 3,786.7                      | 3,762.1                      | 3,718.0                      | 9.9                     | 12.0                 | -21.59                       | 163.2                         | 408.9               | 285.6                         | 263.7                          | 21.89                            | 13.046                   |                                    |
| 3,900.0                                                                            | 3,884.5                      | 3,862.0                      | 3,814.4                      | 10.3                    | 12.5                 | -21.21                       | 164.1                         | 434.8               | 290.4                         | 267.8                          | 22.63                            | 12.836                   |                                    |
| 4,000.0                                                                            | 3,982.3                      | 3,961.9                      | 3,910.9                      | 10.6                    | 12.9                 | -20.84                       | 165.0                         | 460.6               | 295.3                         | 271.9                          | 23.38                            | 12.630                   |                                    |
| 4,100.0                                                                            | 4,080.2                      | 4,061.7                      | 4,007.4                      | 10.9                    | 13.3                 | -20.49                       | 165.9                         | 486.4               | 300.2                         | 276.1                          | 24.15                            | 12.430                   |                                    |
| 4,200.0                                                                            | 4,178.0                      | 4,161.6                      | 4,103.8                      | 11.2                    | 13.7                 | -20.15                       | 166.8                         | 512.3               | 305.1                         | 280.2                          | 24.94                            | 12.235                   |                                    |
| 4,300.0                                                                            | 4,275.8                      | 4,261.5                      | 4,200.3                      | 11.6                    | 14.2                 | -19.81                       | 167.7                         | 538.1               | 310.1                         | 284.3                          | 25.74                            | 12.047                   |                                    |
| 4,400.0                                                                            | 4,373.6                      | 4,361.3                      | 4,296.7                      | 12.0                    | 14.6                 | -19.49                       | 168.6                         | 563.9               | 315.0                         | 288.4                          | 26.55                            | 11.864                   |                                    |
| 4,500.0                                                                            | 4,471.4                      | 4,461.2                      | 4,393.2                      | 12.3                    | 15.1                 | -19.18                       | 169.5                         | 589.8               | 319.9                         | 292.6                          | 27.37                            | 11.688                   |                                    |
| 4,600.0                                                                            | 4,569.2                      | 4,561.1                      | 4,489.7                      | 12.7                    | 15.5                 | -18.87                       | 170.4                         | 615.6               | 324.9                         | 296.7                          | 28.20                            | 11.519                   |                                    |
| 4,700.0                                                                            | 4,667.0                      | 4,660.9                      | 4,586.1                      | 13.1                    | 16.0                 | -18.58                       | 171.4                         | 641.4               | 329.8                         | 300.8                          | 29.05                            | 11.356                   |                                    |
| 4,800.0                                                                            | 4,764.9                      | 4,760.8                      | 4,682.6                      | 13.5                    | 16.4                 | -18.29                       | 172.3                         | 667.3               | 334.8                         | 304.9                          | 29.90                            | 11.199                   |                                    |
| 4,900.0                                                                            | 4,862.7                      | 4,860.6                      | 4,779.0                      | 13.9                    | 16.9                 | -18.02                       | 173.2                         | 693.1               | 339.8                         | 309.0                          | 30.75                            | 11.048                   |                                    |
| 5,000.0                                                                            | 4,960.5                      | 4,960.5                      | 4,875.5                      | 14.3                    | 17.3                 | -17.75                       | 174.1                         | 718.9               | 344.7                         | 313.1                          | 31.62                            | 10.902                   |                                    |
| 5,100.0                                                                            | 5,058.3                      | 5,060.4                      | 4,972.0                      | 14.7                    | 17.8                 | -17.49                       | 175.0                         | 744.7               | 349.7                         | 317.2                          | 32.49                            | 10.763                   |                                    |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 505H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |                    |          |
| 5,200.0                                                                     | 5,156.1                     | 5,160.2                     | 5,068.4                     | 15.1                | 18.3             | -17.23                      | 175.9                  | 770.6           | 354.7                        | 321.4                         | 33.37                           | 10.629               |                    |          |
| 5,300.0                                                                     | 5,253.9                     | 5,260.1                     | 5,164.9                     | 15.5                | 18.7             | -16.99                      | 176.8                  | 796.4           | 359.7                        | 325.5                         | 34.26                           | 10.500               |                    |          |
| 5,400.0                                                                     | 5,351.8                     | 5,360.0                     | 5,261.3                     | 15.9                | 19.2             | -16.75                      | 177.7                  | 822.2           | 364.7                        | 329.6                         | 35.15                           | 10.377               |                    |          |
| 5,500.0                                                                     | 5,449.6                     | 5,459.8                     | 5,357.8                     | 16.3                | 19.6             | -16.51                      | 178.6                  | 848.1           | 369.8                        | 333.7                         | 36.05                           | 10.258               |                    |          |
| 5,600.0                                                                     | 5,547.4                     | 5,559.7                     | 5,454.3                     | 16.7                | 20.1             | -16.28                      | 179.5                  | 873.9           | 374.8                        | 337.8                         | 36.95                           | 10.144               |                    |          |
| 5,700.0                                                                     | 5,645.2                     | 5,659.5                     | 5,550.7                     | 17.2                | 20.6             | -16.06                      | 180.4                  | 899.7           | 379.8                        | 342.0                         | 37.85                           | 10.034               |                    |          |
| 5,800.0                                                                     | 5,743.0                     | 5,759.4                     | 5,647.2                     | 17.6                | 21.1             | -15.85                      | 181.3                  | 925.6           | 384.8                        | 346.1                         | 38.76                           | 9.929                |                    |          |
| 5,900.0                                                                     | 5,840.8                     | 5,859.3                     | 5,743.6                     | 18.0                | 21.5             | -15.64                      | 182.2                  | 951.4           | 389.9                        | 350.2                         | 39.67                           | 9.827                |                    |          |
| 6,000.0                                                                     | 5,938.6                     | 5,959.1                     | 5,840.1                     | 18.4                | 22.0             | -15.43                      | 183.1                  | 977.2           | 394.9                        | 354.3                         | 40.59                           | 9.730                |                    |          |
| 6,100.0                                                                     | 6,036.5                     | 6,059.0                     | 5,936.6                     | 18.9                | 22.5             | -15.23                      | 184.0                  | 1,003.1         | 400.0                        | 358.5                         | 41.51                           | 9.636                |                    |          |
| 6,200.0                                                                     | 6,134.3                     | 6,158.9                     | 6,033.0                     | 19.3                | 23.0             | -15.04                      | 184.9                  | 1,028.9         | 405.0                        | 362.6                         | 42.43                           | 9.545                |                    |          |
| 6,300.0                                                                     | 6,232.1                     | 6,258.7                     | 6,129.5                     | 19.7                | 23.4             | -14.85                      | 185.8                  | 1,054.7         | 410.1                        | 366.7                         | 43.36                           | 9.458                |                    |          |
| 6,400.0                                                                     | 6,329.9                     | 6,358.6                     | 6,225.9                     | 20.2                | 23.9             | -14.66                      | 186.7                  | 1,080.5         | 415.1                        | 370.9                         | 44.29                           | 9.374                |                    |          |
| 6,500.0                                                                     | 6,427.7                     | 6,458.4                     | 6,322.4                     | 20.6                | 24.4             | -14.48                      | 187.6                  | 1,106.4         | 420.2                        | 375.0                         | 45.22                           | 9.293                |                    |          |
| 6,600.0                                                                     | 6,525.5                     | 6,558.3                     | 6,418.9                     | 21.1                | 24.9             | -14.31                      | 188.5                  | 1,132.2         | 425.3                        | 379.1                         | 46.15                           | 9.215                |                    |          |
| 6,700.0                                                                     | 6,623.3                     | 6,658.2                     | 6,515.3                     | 21.5                | 25.4             | -14.14                      | 189.4                  | 1,158.0         | 430.3                        | 383.3                         | 47.09                           | 9.139                |                    |          |
| 6,800.0                                                                     | 6,721.2                     | 6,758.0                     | 6,611.8                     | 22.0                | 25.8             | -13.97                      | 190.3                  | 1,183.9         | 435.4                        | 387.4                         | 48.03                           | 9.066                |                    |          |
| 6,900.0                                                                     | 6,819.0                     | 6,857.9                     | 6,708.2                     | 22.4                | 26.3             | -13.80                      | 191.2                  | 1,209.7         | 440.5                        | 391.5                         | 48.97                           | 8.996                |                    |          |
| 7,000.0                                                                     | 6,916.8                     | 6,957.8                     | 6,804.7                     | 22.9                | 26.8             | -13.64                      | 192.1                  | 1,235.5         | 445.6                        | 395.7                         | 49.91                           | 8.928                |                    |          |
| 7,100.0                                                                     | 7,014.6                     | 7,057.6                     | 6,901.2                     | 23.3                | 27.3             | -13.49                      | 193.0                  | 1,261.4         | 450.7                        | 399.8                         | 50.85                           | 8.863                |                    |          |
| 7,200.0                                                                     | 7,112.4                     | 7,157.5                     | 6,997.6                     | 23.8                | 27.8             | -13.33                      | 193.9                  | 1,287.2         | 455.8                        | 404.0                         | 51.80                           | 8.799                |                    |          |
| 7,300.0                                                                     | 7,210.3                     | 7,257.3                     | 7,094.1                     | 24.2                | 28.3             | -13.18                      | 194.8                  | 1,313.0         | 461.2                        | 408.5                         | 52.73                           | 8.746                |                    |          |
| 7,400.0                                                                     | 7,308.5                     | 7,357.1                     | 7,190.4                     | 24.6                | 28.7             | -13.00                      | 195.7                  | 1,338.8         | 468.2                        | 414.5                         | 53.67                           | 8.723                |                    |          |
| 7,500.0                                                                     | 7,407.0                     | 7,456.7                     | 7,286.6                     | 25.1                | 29.2             | -12.77                      | 196.6                  | 1,364.6         | 476.9                        | 422.3                         | 54.62                           | 8.731                |                    |          |
| 7,600.0                                                                     | 7,505.8                     | 7,556.1                     | 7,382.7                     | 25.5                | 29.7             | -12.52                      | 197.5                  | 1,390.3         | 487.3                        | 431.7                         | 55.55                           | 8.772                |                    |          |
| 7,700.0                                                                     | 7,604.9                     | 7,655.3                     | 7,478.5                     | 25.9                | 30.2             | -12.24                      | 198.4                  | 1,416.0         | 499.4                        | 442.9                         | 56.48                           | 8.842                |                    |          |
| 7,800.0                                                                     | 7,704.1                     | 7,754.3                     | 7,574.1                     | 26.3                | 30.7             | -11.93                      | 199.3                  | 1,441.6         | 513.2                        | 455.8                         | 57.40                           | 8.941                |                    |          |
| 7,900.0                                                                     | 7,803.6                     | 7,853.1                     | 7,669.5                     | 26.7                | 31.2             | -11.61                      | 200.2                  | 1,467.1         | 528.7                        | 470.4                         | 58.31                           | 9.068                |                    |          |
| 8,000.0                                                                     | 7,903.3                     | 7,951.5                     | 7,764.6                     | 27.1                | 31.6             | -11.27                      | 201.1                  | 1,492.6         | 545.9                        | 486.7                         | 59.20                           | 9.222                |                    |          |
| 8,100.0                                                                     | 8,003.0                     | 8,049.6                     | 7,859.4                     | 27.4                | 32.1             | -10.93                      | 202.0                  | 1,518.0         | 564.9                        | 504.8                         | 60.07                           | 9.403                |                    |          |
| 8,200.0                                                                     | 8,102.9                     | 8,147.4                     | 7,953.8                     | 27.8                | 32.6             | -10.58                      | 202.8                  | 1,543.2         | 585.5                        | 524.6                         | 60.93                           | 9.610                |                    |          |
| 8,300.0                                                                     | 8,202.8                     | 8,244.8                     | 8,047.9                     | 28.1                | 33.1             | -10.23                      | 203.7                  | 1,568.4         | 607.8                        | 546.1                         | 61.75                           | 9.844                |                    |          |
| 8,400.0                                                                     | 8,302.8                     | 8,341.8                     | 8,141.6                     | 28.3                | 33.5             | -9.88                       | 204.6                  | 1,593.5         | 631.9                        | 569.3                         | 62.52                           | 10.107               |                    |          |
| 8,500.0                                                                     | 8,402.8                     | 8,454.3                     | 8,250.5                     | 28.4                | 34.1             | -78.54                      | 205.6                  | 1,621.5         | 656.3                        | 593.1                         | 63.23                           | 10.380               |                    |          |
| 8,600.0                                                                     | 8,502.8                     | 8,572.2                     | 8,365.5                     | 28.4                | 34.7             | -78.91                      | 206.5                  | 1,647.4         | 678.1                        | 614.2                         | 63.91                           | 10.610               |                    |          |
| 8,700.0                                                                     | 8,602.8                     | 8,691.6                     | 8,482.8                     | 28.4                | 35.2             | -79.20                      | 207.3                  | 1,670.1         | 696.8                        | 632.3                         | 64.52                           | 10.800               |                    |          |
| 8,800.0                                                                     | 8,702.8                     | 8,812.4                     | 8,602.0                     | 28.5                | 35.8             | -79.44                      | 207.9                  | 1,689.2         | 712.5                        | 647.4                         | 65.05                           | 10.953               |                    |          |
| 8,900.0                                                                     | 8,802.8                     | 8,934.3                     | 8,722.9                     | 28.5                | 36.3             | -79.63                      | 208.5                  | 1,704.7         | 725.1                        | 659.6                         | 65.51                           | 11.069               |                    |          |
| 9,000.0                                                                     | 8,902.8                     | 9,057.0                     | 8,845.1                     | 28.5                | 36.8             | -79.76                      | 208.9                  | 1,716.4         | 734.5                        | 668.7                         | 65.87                           | 11.150               |                    |          |
| 9,100.0                                                                     | 9,002.8                     | 9,180.4                     | 8,968.3                     | 28.6                | 37.2             | -79.85                      | 209.2                  | 1,724.2         | 740.8                        | 674.6                         | 66.14                           | 11.200               |                    |          |
| 9,200.0                                                                     | 9,102.8                     | 9,304.2                     | 9,092.0                     | 28.6                | 37.6             | -79.89                      | 209.3                  | 1,728.0         | 743.9                        | 677.6                         | 66.28                           | 11.223               |                    |          |
| 9,300.0                                                                     | 9,202.8                     | 9,389.5                     | 9,177.3                     | 28.6                | 37.7             | -79.85                      | 210.0                  | 1,728.8         | 745.1                        | 678.5                         | 66.61                           | 11.186               |                    |          |
| 9,400.0                                                                     | 9,302.8                     | 9,450.0                     | 9,237.4                     | 28.7                | 37.8             | -79.46                      | 215.6                  | 1,732.1         | 751.8                        | 684.6                         | 67.21                           | 11.185               |                    |          |
| 9,500.0                                                                     | 9,402.8                     | 9,500.0                     | 9,286.2                     | 28.7                | 38.0             | -78.86                      | 224.7                  | 1,737.3         | 764.7                        | 696.9                         | 67.72                           | 11.292               |                    |          |
| 9,600.0                                                                     | 9,502.8                     | 9,550.0                     | 9,334.0                     | 28.7                | 38.1             | -78.03                      | 237.5                  | 1,744.7         | 784.0                        | 716.0                         | 68.00                           | 11.528               |                    |          |
| 9,700.0                                                                     | 9,602.8                     | 9,600.0                     | 9,380.1                     | 28.8                | 38.3             | -76.98                      | 254.1                  | 1,754.3         | 809.7                        | 741.6                         | 68.09                           | 11.891               |                    |          |
| 9,800.0                                                                     | 9,702.8                     | 9,631.1                     | 9,407.9                     | 28.8                | 38.4             | -76.24                      | 266.2                  | 1,761.3         | 841.5                        | 773.6                         | 67.86                           | 12.400               |                    |          |
| 9,900.0                                                                     | 9,802.8                     | 9,670.6                     | 9,442.0                     | 28.9                | 38.5             | -75.20                      | 283.6                  | 1,771.3         | 879.5                        | 812.1                         | 67.50                           | 13.031               |                    |          |
| 10,000.0                                                                    | 9,902.8                     | 9,700.0                     | 9,466.3                     | 28.9                | 38.6             | -74.38                      | 297.8                  | 1,779.6         | 923.5                        | 856.6                         | 66.87                           | 13.810               |                    |          |
| 10,100.0                                                                    | 10,002.8                    | 9,750.0                     | 9,505.5                     | 28.9                | 38.7             | -72.90                      | 324.6                  | 1,795.0         | 972.9                        | 906.5                         | 66.45                           | 14.641               |                    |          |
| 10,200.0                                                                    | 10,102.8                    | 9,769.7                     | 9,520.2                     | 29.0                | 38.8             | -72.29                      | 336.0                  | 1,801.6         | 1,027.1                      | 961.6                         | 65.56                           | 15.668               |                    |          |
| 10,300.0                                                                    | 10,202.8                    | 9,800.0                     | 9,541.8                     | 29.0                | 38.9             | -71.34                      | 354.4                  | 1,812.2         | 1,086.1                      | 1,021.3                       | 64.81                           | 16.758               |                    |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips

Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   |                    |          |
|-----------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|------------------------|-------------------------|-------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 505H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                       |                       |                       |                  |               |                       |                        |              |                        |                         |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Distance               |                         | Separation Factor | Warning            |          |
| Measured Depth (usft)                                                       | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) |                       | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                   |                    |          |
| 10,400.0                                                                    | 10,302.8              | 9,821.5               | 9,556.4               | 29.0             | 38.9          | 70.65                 | 368.1                  | 1,820.1      | 1,149.1                | 1,085.2                 | 63.94             | 17.971             |          |
| 10,500.0                                                                    | 10,402.8              | 9,850.0               | 9,574.7               | 29.1             | 39.0          | 69.74                 | 387.0                  | 1,831.0      | 1,215.9                | 1,152.7                 | 63.24             | 19.227             |          |
| 10,600.0                                                                    | 10,502.8              | 9,850.0               | 9,574.7               | 29.1             | 39.0          | 69.74                 | 387.0                  | 1,831.0      | 1,286.1                | 1,224.0                 | 62.11             | 20.707             |          |
| 10,700.0                                                                    | 10,602.8              | 9,900.0               | 9,604.1               | 29.1             | 39.1          | 68.13                 | 422.0                  | 1,851.3      | 1,359.1                | 1,297.2                 | 61.91             | 21.951             |          |
| 10,800.0                                                                    | 10,702.4              | 9,900.0               | 9,604.1               | 29.2             | 39.1          | 59.23                 | 422.0                  | 1,851.3      | 1,432.0                | 1,370.9                 | 61.02             | 23.466             |          |
| 10,900.0                                                                    | 10,799.0              | 9,932.0               | 9,620.9               | 29.3             | 39.2          | 50.96                 | 445.6                  | 1,864.9      | 1,501.6                | 1,440.8                 | 60.85             | 24.676             |          |
| 11,000.0                                                                    | 10,889.9              | 9,950.0               | 9,629.7               | 29.4             | 39.2          | 44.78                 | 459.3                  | 1,872.6      | 1,565.5                | 1,504.9                 | 60.62             | 25.826             |          |
| 11,100.0                                                                    | 10,972.1              | 10,000.0              | 9,652.3               | 29.5             | 39.3          | 40.28                 | 498.9                  | 1,893.0      | 1,622.1                | 1,561.0                 | 61.04             | 26.573             |          |
| 11,200.0                                                                    | 11,043.2              | 10,025.4              | 9,662.8               | 29.6             | 39.4          | 37.05                 | 519.9                  | 1,902.9      | 1,669.5                | 1,608.3                 | 61.19             | 27.286             |          |
| 11,300.0                                                                    | 11,101.1              | 10,065.6              | 9,677.6               | 29.7             | 39.5          | 34.92                 | 554.1                  | 1,917.6      | 1,707.4                | 1,645.7                 | 61.66             | 27.690             |          |
| 11,400.0                                                                    | 11,144.0              | 10,100.0              | 9,688.9               | 29.7             | 39.5          | 33.59                 | 584.5                  | 1,929.4      | 1,734.7                | 1,672.6                 | 62.13             | 27.921             |          |
| 11,500.0                                                                    | 11,170.5              | 10,150.0              | 9,702.5               | 29.8             | 39.6          | 33.13                 | 629.9                  | 1,945.0      | 1,751.1                | 1,688.2                 | 62.91             | 27.836             |          |
| 11,600.0                                                                    | 11,179.9              | 10,200.0              | 9,713.0               | 29.9             | 39.6          | 33.35                 | 676.8                  | 1,958.9      | 1,756.3                | 1,692.6                 | 63.75             | 27.550             |          |
| 11,616.5                                                                    | 11,180.1              | 10,200.0              | 9,713.0               | 29.9             | 39.6          | 33.35                 | 676.8                  | 1,958.9      | 1,756.2                | 1,692.5                 | 63.77             | 27.541             |          |
| 11,700.0                                                                    | 11,180.0              | 10,236.3              | 9,718.6               | 30.0             | 39.7          | 33.70                 | 711.5                  | 1,967.7      | 1,756.9                | 1,692.6                 | 64.36             | 27.299             |          |
| 11,800.0                                                                    | 11,180.0              | 10,281.9              | 9,723.1               | 30.1             | 39.7          | 34.04                 | 755.9                  | 1,977.4      | 1,760.8                | 1,695.7                 | 65.03             | 27.074             |          |
| 11,900.0                                                                    | 11,180.0              | 10,334.3              | 9,725.0               | 30.2             | 39.7          | 34.33                 | 807.4                  | 1,986.5      | 1,767.8                | 1,702.0                 | 65.73             | 26.892             |          |
| 12,000.0                                                                    | 11,180.0              | 10,469.0              | 9,725.0               | 30.4             | 39.9          | 34.80                 | 941.0                  | 2,003.7      | 1,775.4                | 1,708.0                 | 67.44             | 26.324             |          |
| 12,100.0                                                                    | 11,180.0              | 10,623.9              | 9,725.0               | 30.6             | 40.0          | 35.14                 | 1,095.5                | 2,015.8      | 1,780.1                | 1,710.8                 | 69.30             | 25.687             |          |
| 12,200.0                                                                    | 11,180.0              | 10,779.8              | 9,725.0               | 30.7             | 40.2          | 35.25                 | 1,251.2                | 2,019.4      | 1,781.7                | 1,710.7                 | 71.03             | 25.083             |          |
| 12,300.0                                                                    | 11,180.0              | 10,880.1              | 9,725.0               | 30.9             | 40.4          | 35.25                 | 1,351.5                | 2,019.0      | 1,781.7                | 1,709.5                 | 72.19             | 24.681             |          |
| 12,400.0                                                                    | 11,180.0              | 10,980.1              | 9,725.0               | 31.2             | 40.6          | 35.25                 | 1,451.5                | 2,018.6      | 1,781.7                | 1,708.3                 | 73.36             | 24.286             |          |
| 12,500.0                                                                    | 11,180.0              | 11,080.1              | 9,725.0               | 31.4             | 40.7          | 35.25                 | 1,551.5                | 2,018.2      | 1,781.7                | 1,707.2                 | 74.55             | 23.900             |          |
| 12,600.0                                                                    | 11,180.0              | 11,180.1              | 9,725.0               | 31.7             | 40.9          | 35.25                 | 1,651.5                | 2,017.8      | 1,781.7                | 1,706.0                 | 75.75             | 23.522             |          |
| 12,700.0                                                                    | 11,180.0              | 11,280.1              | 9,725.0               | 31.9             | 41.1          | 35.25                 | 1,751.5                | 2,017.4      | 1,781.7                | 1,704.7                 | 76.96             | 23.152             |          |
| 12,800.0                                                                    | 11,180.0              | 11,380.1              | 9,725.0               | 32.2             | 41.3          | 35.25                 | 1,851.5                | 2,017.1      | 1,781.7                | 1,703.5                 | 78.18             | 22.790             |          |
| 12,900.0                                                                    | 11,180.0              | 11,480.1              | 9,725.0               | 32.6             | 41.6          | 35.25                 | 1,951.5                | 2,016.7      | 1,781.7                | 1,702.3                 | 79.41             | 22.437             |          |
| 13,000.0                                                                    | 11,180.0              | 11,580.1              | 9,725.0               | 32.9             | 41.8          | 35.25                 | 2,051.5                | 2,016.3      | 1,781.7                | 1,701.1                 | 80.65             | 22.091             |          |
| 13,100.0                                                                    | 11,180.0              | 11,680.1              | 9,725.0               | 33.2             | 42.1          | 35.25                 | 2,151.5                | 2,015.9      | 1,781.7                | 1,699.8                 | 81.91             | 21.753             |          |
| 13,200.0                                                                    | 11,180.0              | 11,780.1              | 9,725.0               | 33.6             | 42.4          | 35.25                 | 2,251.5                | 2,015.5      | 1,781.7                | 1,698.6                 | 83.17             | 21.422             |          |
| 13,300.0                                                                    | 11,180.0              | 11,880.1              | 9,725.0               | 33.9             | 42.7          | 35.25                 | 2,351.5                | 2,015.1      | 1,781.7                | 1,697.3                 | 84.44             | 21.100             |          |
| 13,400.0                                                                    | 11,180.0              | 11,980.1              | 9,725.0               | 34.3             | 43.0          | 35.25                 | 2,451.5                | 2,014.7      | 1,781.7                | 1,696.0                 | 85.72             | 20.784             |          |
| 13,500.0                                                                    | 11,180.0              | 12,080.1              | 9,725.0               | 34.7             | 43.3          | 35.25                 | 2,551.5                | 2,014.3      | 1,781.7                | 1,694.7                 | 87.01             | 20.476             |          |
| 13,600.0                                                                    | 11,180.0              | 12,180.1              | 9,725.0               | 35.1             | 43.6          | 35.25                 | 2,651.5                | 2,013.9      | 1,781.7                | 1,693.4                 | 88.31             | 20.176             |          |
| 13,700.0                                                                    | 11,180.0              | 12,280.1              | 9,725.0               | 35.6             | 43.9          | 35.25                 | 2,751.5                | 2,013.5      | 1,781.7                | 1,692.1                 | 89.62             | 19.882             |          |
| 13,800.0                                                                    | 11,180.0              | 12,380.1              | 9,725.0               | 36.0             | 44.3          | 35.25                 | 2,851.5                | 2,013.1      | 1,781.7                | 1,690.8                 | 90.93             | 19.595             |          |
| 13,900.0                                                                    | 11,180.0              | 12,480.1              | 9,725.0               | 36.5             | 44.6          | 35.25                 | 2,951.5                | 2,012.7      | 1,781.7                | 1,689.5                 | 92.25             | 19.315             |          |
| 14,000.0                                                                    | 11,180.0              | 12,580.1              | 9,725.0               | 36.9             | 45.0          | 35.25                 | 3,051.5                | 2,012.3      | 1,781.7                | 1,688.2                 | 93.57             | 19.041             |          |
| 14,100.0                                                                    | 11,180.0              | 12,680.1              | 9,725.0               | 37.4             | 45.4          | 35.25                 | 3,151.5                | 2,011.9      | 1,781.8                | 1,686.8                 | 94.91             | 18.774             |          |
| 14,200.0                                                                    | 11,180.0              | 12,780.1              | 9,725.0               | 37.9             | 45.8          | 35.25                 | 3,251.5                | 2,011.5      | 1,781.8                | 1,685.5                 | 96.25             | 18.513             |          |
| 14,300.0                                                                    | 11,180.0              | 12,880.1              | 9,725.0               | 38.4             | 46.2          | 35.25                 | 3,351.5                | 2,011.1      | 1,781.8                | 1,684.2                 | 97.59             | 18.258             |          |
| 14,400.0                                                                    | 11,180.0              | 12,980.1              | 9,725.0               | 38.9             | 46.6          | 35.25                 | 3,451.5                | 2,010.7      | 1,781.8                | 1,682.8                 | 98.94             | 18.008             |          |
| 14,500.0                                                                    | 11,180.0              | 13,080.1              | 9,725.0               | 39.4             | 47.0          | 35.25                 | 3,551.5                | 2,010.4      | 1,781.8                | 1,681.5                 | 100.30            | 17.765             |          |
| 14,600.0                                                                    | 11,180.0              | 13,180.1              | 9,725.0               | 39.9             | 47.4          | 35.25                 | 3,651.5                | 2,010.0      | 1,781.8                | 1,680.1                 | 101.66            | 17.527             |          |
| 14,700.0                                                                    | 11,180.0              | 13,280.1              | 9,725.0               | 40.4             | 47.9          | 35.25                 | 3,751.5                | 2,009.6      | 1,781.8                | 1,678.7                 | 103.02            | 17.295             |          |
| 14,800.0                                                                    | 11,180.0              | 13,380.1              | 9,725.0               | 40.9             | 48.3          | 35.25                 | 3,851.5                | 2,009.2      | 1,781.8                | 1,677.4                 | 104.39            | 17.068             |          |
| 14,900.0                                                                    | 11,180.0              | 13,480.1              | 9,725.0               | 41.5             | 48.8          | 35.25                 | 3,951.5                | 2,008.8      | 1,781.8                | 1,676.0                 | 105.77            | 16.846             |          |
| 15,000.0                                                                    | 11,180.0              | 13,580.1              | 9,725.0               | 42.0             | 49.2          | 35.25                 | 4,051.5                | 2,008.4      | 1,781.8                | 1,674.6                 | 107.15            | 16.629             |          |
| 15,100.0                                                                    | 11,180.0              | 13,680.1              | 9,725.0               | 42.6             | 49.7          | 35.25                 | 4,151.5                | 2,008.0      | 1,781.8                | 1,673.3                 | 108.53            | 16.417             |          |
| 15,200.0                                                                    | 11,180.0              | 13,780.1              | 9,725.0               | 43.2             | 50.2          | 35.25                 | 4,251.5                | 2,007.6      | 1,781.8                | 1,671.9                 | 109.92            | 16.210             |          |
| 15,300.0                                                                    | 11,180.0              | 13,880.1              | 9,725.0               | 43.7             | 50.7          | 35.25                 | 4,351.5                | 2,007.2      | 1,781.8                | 1,670.5                 | 111.31            | 16.007             |          |
| 15,400.0                                                                    | 11,180.0              | 13,980.1              | 9,725.0               | 44.3             | 51.2          | 35.25                 | 4,451.5                | 2,006.8      | 1,781.8                | 1,669.1                 | 112.71            | 15.809             |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 |                      |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|---------------------------------|----------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 505H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                                 | Offset Well Error:   | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Minimum<br>Separation<br>(usft) | Separation<br>Factor | Warning  |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                                 |                      |          |
| 15,500.0                                                                    | 11,180.0                    | 14,080.1                    | 9,725.0                     | 44.9                | 51.7             | 35.25                       | 4,551.5                | 2,006.4         | 1,781.8                      | 1,667.7                       | 114.11                          | 15.615               |          |
| 15,600.0                                                                    | 11,180.0                    | 14,180.1                    | 9,725.0                     | 45.5                | 52.2             | 35.25                       | 4,651.5                | 2,006.0         | 1,781.8                      | 1,666.3                       | 115.51                          | 15.425               |          |
| 15,700.0                                                                    | 11,180.0                    | 14,280.1                    | 9,725.0                     | 46.1                | 52.7             | 35.26                       | 4,751.5                | 2,005.6         | 1,781.8                      | 1,664.9                       | 116.92                          | 15.240               |          |
| 15,800.0                                                                    | 11,180.0                    | 14,380.1                    | 9,725.0                     | 46.6                | 53.2             | 35.26                       | 4,851.5                | 2,005.2         | 1,781.8                      | 1,663.5                       | 118.33                          | 15.058               |          |
| 15,900.0                                                                    | 11,180.0                    | 14,480.1                    | 9,725.0                     | 47.3                | 53.7             | 35.26                       | 4,951.5                | 2,004.8         | 1,781.8                      | 1,662.1                       | 119.74                          | 14.881               |          |
| 16,000.0                                                                    | 11,180.0                    | 14,580.1                    | 9,725.0                     | 47.9                | 54.2             | 35.26                       | 5,051.5                | 2,004.4         | 1,781.8                      | 1,660.7                       | 121.16                          | 14.707               |          |
| 16,100.0                                                                    | 11,180.0                    | 14,680.1                    | 9,725.0                     | 48.5                | 54.8             | 35.26                       | 5,151.5                | 2,004.0         | 1,781.8                      | 1,659.2                       | 122.57                          | 14.537               |          |
| 16,200.0                                                                    | 11,180.0                    | 14,780.1                    | 9,725.0                     | 49.1                | 55.3             | 35.26                       | 5,251.5                | 2,003.7         | 1,781.8                      | 1,657.8                       | 124.00                          | 14.370               |          |
| 16,300.0                                                                    | 11,180.0                    | 14,880.1                    | 9,725.0                     | 49.7                | 55.9             | 35.26                       | 5,351.5                | 2,003.3         | 1,781.8                      | 1,656.4                       | 125.42                          | 14.207               |          |
| 16,400.0                                                                    | 11,180.0                    | 14,980.1                    | 9,725.0                     | 50.3                | 56.4             | 35.26                       | 5,451.5                | 2,002.9         | 1,781.8                      | 1,655.0                       | 126.85                          | 14.047               |          |
| 16,500.0                                                                    | 11,180.0                    | 15,080.1                    | 9,725.0                     | 51.0                | 57.0             | 35.26                       | 5,551.5                | 2,002.5         | 1,781.8                      | 1,653.6                       | 128.28                          | 13.890               |          |
| 16,600.0                                                                    | 11,180.0                    | 15,180.1                    | 9,725.0                     | 51.6                | 57.5             | 35.26                       | 5,651.5                | 2,002.1         | 1,781.8                      | 1,652.1                       | 129.71                          | 13.737               |          |
| 16,700.0                                                                    | 11,180.0                    | 15,280.1                    | 9,725.0                     | 52.2                | 58.1             | 35.26                       | 5,751.5                | 2,001.7         | 1,781.8                      | 1,650.7                       | 131.14                          | 13.587               |          |
| 16,800.0                                                                    | 11,180.0                    | 15,380.1                    | 9,725.0                     | 52.9                | 58.7             | 35.26                       | 5,851.5                | 2,001.3         | 1,781.8                      | 1,649.3                       | 132.58                          | 13.440               |          |
| 16,900.0                                                                    | 11,180.0                    | 15,480.1                    | 9,725.0                     | 53.5                | 59.2             | 35.26                       | 5,951.5                | 2,000.9         | 1,781.8                      | 1,647.8                       | 134.02                          | 13.295               |          |
| 17,000.0                                                                    | 11,180.0                    | 15,580.1                    | 9,725.0                     | 54.2                | 59.8             | 35.26                       | 6,051.5                | 2,000.5         | 1,781.8                      | 1,646.4                       | 135.46                          | 13.154               |          |
| 17,100.0                                                                    | 11,180.0                    | 15,680.1                    | 9,725.0                     | 54.8                | 60.4             | 35.26                       | 6,151.5                | 2,000.1         | 1,781.9                      | 1,644.9                       | 136.91                          | 13.015               |          |
| 17,200.0                                                                    | 11,180.0                    | 15,780.1                    | 9,725.0                     | 55.5                | 61.0             | 35.26                       | 6,251.5                | 1,999.7         | 1,781.9                      | 1,643.5                       | 138.35                          | 12.879               |          |
| 17,300.0                                                                    | 11,180.0                    | 15,880.1                    | 9,725.0                     | 56.1                | 61.6             | 35.26                       | 6,351.5                | 1,999.3         | 1,781.9                      | 1,642.1                       | 139.80                          | 12.746               |          |
| 17,400.0                                                                    | 11,180.0                    | 15,980.1                    | 9,725.0                     | 56.8                | 62.2             | 35.26                       | 6,451.5                | 1,998.9         | 1,781.9                      | 1,640.6                       | 141.25                          | 12.615               |          |
| 17,500.0                                                                    | 11,180.0                    | 16,080.1                    | 9,725.0                     | 57.4                | 62.8             | 35.26                       | 6,551.5                | 1,998.5         | 1,781.9                      | 1,639.2                       | 142.70                          | 12.487               |          |
| 17,600.0                                                                    | 11,180.0                    | 16,180.1                    | 9,725.0                     | 58.1                | 63.4             | 35.26                       | 6,651.5                | 1,998.1         | 1,781.9                      | 1,637.7                       | 144.15                          | 12.361               |          |
| 17,700.0                                                                    | 11,180.0                    | 16,280.1                    | 9,725.0                     | 58.8                | 64.0             | 35.26                       | 6,751.5                | 1,997.7         | 1,781.9                      | 1,636.3                       | 145.61                          | 12.238               |          |
| 17,800.0                                                                    | 11,180.0                    | 16,380.1                    | 9,725.0                     | 59.4                | 64.6             | 35.26                       | 6,851.5                | 1,997.3         | 1,781.9                      | 1,634.8                       | 147.06                          | 12.116               |          |
| 17,900.0                                                                    | 11,180.0                    | 16,480.1                    | 9,725.0                     | 60.1                | 65.2             | 35.26                       | 6,951.5                | 1,997.0         | 1,781.9                      | 1,633.4                       | 148.52                          | 11.997               |          |
| 18,000.0                                                                    | 11,180.0                    | 16,580.1                    | 9,725.0                     | 60.8                | 65.8             | 35.26                       | 7,051.5                | 1,996.6         | 1,781.9                      | 1,631.9                       | 149.98                          | 11.881               |          |
| 18,100.0                                                                    | 11,180.0                    | 16,680.1                    | 9,725.0                     | 61.4                | 66.4             | 35.26                       | 7,151.5                | 1,996.2         | 1,781.9                      | 1,630.4                       | 151.44                          | 11.766               |          |
| 18,200.0                                                                    | 11,180.0                    | 16,780.1                    | 9,725.0                     | 62.1                | 67.0             | 35.26                       | 7,251.5                | 1,995.8         | 1,781.9                      | 1,629.0                       | 152.91                          | 11.654               |          |
| 18,300.0                                                                    | 11,180.0                    | 16,880.1                    | 9,725.0                     | 62.8                | 67.7             | 35.26                       | 7,351.5                | 1,995.4         | 1,781.9                      | 1,627.5                       | 154.37                          | 11.543               |          |
| 18,400.0                                                                    | 11,180.0                    | 16,980.1                    | 9,725.0                     | 63.5                | 68.3             | 35.26                       | 7,451.5                | 1,995.0         | 1,781.9                      | 1,626.1                       | 155.84                          | 11.434               |          |
| 18,500.0                                                                    | 11,180.0                    | 17,080.1                    | 9,725.0                     | 64.2                | 68.9             | 35.26                       | 7,551.5                | 1,994.6         | 1,781.9                      | 1,624.6                       | 157.30                          | 11.328               |          |
| 18,600.0                                                                    | 11,180.0                    | 17,180.1                    | 9,725.0                     | 64.8                | 69.5             | 35.26                       | 7,651.5                | 1,994.2         | 1,781.9                      | 1,623.1                       | 158.77                          | 11.223               |          |
| 18,700.0                                                                    | 11,180.0                    | 17,280.1                    | 9,725.0                     | 65.5                | 70.2             | 35.26                       | 7,751.5                | 1,993.8         | 1,781.9                      | 1,621.7                       | 160.24                          | 11.120               |          |
| 18,800.0                                                                    | 11,180.0                    | 17,380.1                    | 9,725.0                     | 66.2                | 70.8             | 35.26                       | 7,851.5                | 1,993.4         | 1,781.9                      | 1,620.2                       | 161.71                          | 11.019               |          |
| 18,900.0                                                                    | 11,180.0                    | 17,480.1                    | 9,725.0                     | 66.9                | 71.5             | 35.26                       | 7,951.5                | 1,993.0         | 1,781.9                      | 1,618.7                       | 163.18                          | 10.920               |          |
| 19,000.0                                                                    | 11,180.0                    | 17,580.1                    | 9,725.0                     | 67.6                | 72.1             | 35.26                       | 8,051.5                | 1,992.6         | 1,781.9                      | 1,617.3                       | 164.66                          | 10.822               |          |
| 19,100.0                                                                    | 11,180.0                    | 17,680.1                    | 9,725.0                     | 68.3                | 72.7             | 35.26                       | 8,151.5                | 1,992.2         | 1,781.9                      | 1,615.8                       | 166.13                          | 10.726               |          |
| 19,200.0                                                                    | 11,180.0                    | 17,780.1                    | 9,725.0                     | 69.0                | 73.4             | 35.26                       | 8,251.5                | 1,991.8         | 1,781.9                      | 1,614.3                       | 167.61                          | 10.632               |          |
| 19,300.0                                                                    | 11,180.0                    | 17,880.1                    | 9,725.0                     | 69.7                | 74.0             | 35.26                       | 8,351.5                | 1,991.4         | 1,781.9                      | 1,612.8                       | 169.08                          | 10.539               |          |
| 19,400.0                                                                    | 11,180.0                    | 17,980.1                    | 9,725.0                     | 70.4                | 74.7             | 35.26                       | 8,451.5                | 1,991.0         | 1,781.9                      | 1,611.4                       | 170.56                          | 10.447               |          |
| 19,500.0                                                                    | 11,180.0                    | 18,080.1                    | 9,725.0                     | 71.1                | 75.3             | 35.26                       | 8,551.5                | 1,990.6         | 1,781.9                      | 1,609.9                       | 172.04                          | 10.358               |          |
| 19,600.0                                                                    | 11,180.0                    | 18,180.1                    | 9,725.0                     | 71.8                | 76.0             | 35.26                       | 8,651.5                | 1,990.3         | 1,781.9                      | 1,608.4                       | 173.52                          | 10.269               |          |
| 19,700.0                                                                    | 11,180.0                    | 18,280.1                    | 9,725.0                     | 72.5                | 76.6             | 35.26                       | 8,751.5                | 1,989.9         | 1,781.9                      | 1,606.9                       | 175.00                          | 10.182               |          |
| 19,800.0                                                                    | 11,180.0                    | 18,380.1                    | 9,725.0                     | 73.2                | 77.3             | 35.26                       | 8,851.5                | 1,989.5         | 1,781.9                      | 1,605.5                       | 176.48                          | 10.097               |          |
| 19,900.0                                                                    | 11,180.0                    | 18,480.1                    | 9,725.0                     | 73.9                | 78.0             | 35.26                       | 8,951.5                | 1,989.1         | 1,781.9                      | 1,604.0                       | 177.97                          | 10.013               |          |
| 20,000.0                                                                    | 11,180.0                    | 18,580.1                    | 9,725.0                     | 74.6                | 78.6             | 35.26                       | 9,051.5                | 1,988.7         | 1,781.9                      | 1,602.5                       | 179.45                          | 9.930                |          |
| 20,100.0                                                                    | 11,180.0                    | 18,680.1                    | 9,725.0                     | 75.3                | 79.3             | 35.26                       | 9,151.5                | 1,988.3         | 1,782.0                      | 1,601.0                       | 180.94                          | 9.849                |          |
| 20,200.0                                                                    | 11,180.0                    | 18,780.1                    | 9,725.0                     | 76.0                | 80.0             | 35.26                       | 9,251.5                | 1,987.9         | 1,782.0                      | 1,599.5                       | 182.42                          | 9.768                |          |
| 20,300.0                                                                    | 11,180.0                    | 18,880.1                    | 9,725.0                     | 76.7                | 80.6             | 35.26                       | 9,351.5                | 1,987.5         | 1,782.0                      | 1,598.0                       | 183.91                          | 9.689                |          |
| 20,400.0                                                                    | 11,180.0                    | 18,980.1                    | 9,725.0                     | 77.4                | 81.3             | 35.26                       | 9,451.5                | 1,987.1         | 1,782.0                      | 1,596.6                       | 185.39                          | 9.612                |          |
| 20,500.0                                                                    | 11,180.0                    | 19,080.1                    | 9,725.0                     | 78.1                | 82.0             | 35.26                       | 9,551.5                | 1,986.7         | 1,782.0                      | 1,595.1                       | 186.88                          | 9.535                |          |
| 20,600.0                                                                    | 11,180.0                    | 19,180.1                    | 9,725.0                     | 78.8                | 82.6             | 35.26                       | 9,651.5                | 1,986.3         | 1,782.0                      | 1,593.6                       | 188.37                          | 9.460                |          |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

|                                                                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|-----------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: THUNDERDOME PROJECT - *THUNDERDOME FED COM 505H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+MS                                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Well Error: | 3.0 usft |
| Reference                                                                   |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Separation<br>Factor | Warning            |          |
| Measured<br>Depth<br>(usft)                                                 | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                      |                    |          |
| 20,700.0                                                                    | 11,180.0                    | 19,280.1                    | 9,725.0                     | 79.6                | 83.3             | 35.26                       | 9,751.5                | 1,985.9         | 1,782.0                      | 1,592.1                       | 189.86               | 9.386              |          |
| 20,800.0                                                                    | 11,180.0                    | 19,380.1                    | 9,725.0                     | 80.3                | 84.0             | 35.26                       | 9,851.5                | 1,985.5         | 1,782.0                      | 1,590.6                       | 191.35               | 9.313              |          |
| 20,900.0                                                                    | 11,180.0                    | 19,480.1                    | 9,725.0                     | 81.0                | 84.7             | 35.26                       | 9,951.5                | 1,985.1         | 1,782.0                      | 1,589.1                       | 192.84               | 9.241              |          |
| 21,000.0                                                                    | 11,180.0                    | 19,580.1                    | 9,725.0                     | 81.7                | 85.3             | 35.26                       | 10,051.5               | 1,984.7         | 1,782.0                      | 1,587.6                       | 194.33               | 9.170              |          |
| 21,100.0                                                                    | 11,180.0                    | 19,680.1                    | 9,725.0                     | 82.4                | 86.0             | 35.26                       | 10,151.5               | 1,984.3         | 1,782.0                      | 1,586.2                       | 195.83               | 9.100              |          |
| 21,200.0                                                                    | 11,180.0                    | 19,780.1                    | 9,725.0                     | 83.1                | 86.7             | 35.26                       | 10,251.5               | 1,983.9         | 1,782.0                      | 1,584.7                       | 197.32               | 9.031              |          |
| 21,300.0                                                                    | 11,180.0                    | 19,880.1                    | 9,725.0                     | 83.9                | 87.4             | 35.26                       | 10,351.5               | 1,983.6         | 1,782.0                      | 1,583.2                       | 198.81               | 8.963              |          |
| 21,400.0                                                                    | 11,180.0                    | 19,980.1                    | 9,725.0                     | 84.6                | 88.1             | 35.26                       | 10,451.5               | 1,983.2         | 1,782.0                      | 1,581.7                       | 200.31               | 8.896              |          |
| 21,500.0                                                                    | 11,180.0                    | 20,080.1                    | 9,725.0                     | 85.3                | 88.8             | 35.26                       | 10,551.5               | 1,982.8         | 1,782.0                      | 1,580.2                       | 201.80               | 8.830              |          |
| 21,600.0                                                                    | 11,180.0                    | 20,180.1                    | 9,725.0                     | 86.0                | 89.4             | 35.26                       | 10,651.5               | 1,982.4         | 1,782.0                      | 1,578.7                       | 203.30               | 8.765              |          |
| 21,700.0                                                                    | 11,180.0                    | 20,280.1                    | 9,725.0                     | 86.7                | 90.1             | 35.26                       | 10,751.5               | 1,982.0         | 1,782.0                      | 1,577.2                       | 204.80               | 8.701              |          |
| 21,800.0                                                                    | 11,180.0                    | 20,380.1                    | 9,725.0                     | 87.5                | 90.8             | 35.26                       | 10,851.5               | 1,981.6         | 1,782.0                      | 1,575.7                       | 206.29               | 8.638              |          |
| 21,900.0                                                                    | 11,180.0                    | 20,480.1                    | 9,725.0                     | 88.2                | 91.5             | 35.26                       | 10,951.5               | 1,981.2         | 1,782.0                      | 1,574.2                       | 207.79               | 8.576              |          |
| 22,000.0                                                                    | 11,180.0                    | 20,580.1                    | 9,725.0                     | 88.9                | 92.2             | 35.26                       | 11,051.5               | 1,980.8         | 1,782.0                      | 1,572.7                       | 209.29               | 8.515              |          |
| 22,100.0                                                                    | 11,180.0                    | 20,680.1                    | 9,725.0                     | 89.6                | 92.9             | 35.26                       | 11,151.5               | 1,980.4         | 1,782.0                      | 1,571.2                       | 210.79               | 8.454              |          |
| 22,200.0                                                                    | 11,180.0                    | 20,780.1                    | 9,725.0                     | 90.4                | 93.6             | 35.27                       | 11,251.5               | 1,980.0         | 1,782.0                      | 1,569.7                       | 212.29               | 8.394              |          |
| 22,300.0                                                                    | 11,180.0                    | 20,880.1                    | 9,725.0                     | 91.1                | 94.3             | 35.27                       | 11,351.5               | 1,979.6         | 1,782.0                      | 1,568.2                       | 213.79               | 8.335              |          |
| 22,400.0                                                                    | 11,180.0                    | 20,980.1                    | 9,725.0                     | 91.8                | 95.0             | 35.27                       | 11,451.5               | 1,979.2         | 1,782.0                      | 1,566.7                       | 215.29               | 8.277              |          |
| 22,500.0                                                                    | 11,180.0                    | 21,080.1                    | 9,725.0                     | 92.5                | 95.7             | 35.27                       | 11,551.5               | 1,978.8         | 1,782.0                      | 1,565.2                       | 216.79               | 8.220              |          |
| 22,600.0                                                                    | 11,180.0                    | 21,180.1                    | 9,725.0                     | 93.3                | 96.4             | 35.27                       | 11,651.5               | 1,978.4         | 1,782.0                      | 1,563.7                       | 218.29               | 8.164              |          |
| 22,700.0                                                                    | 11,180.0                    | 21,280.1                    | 9,725.0                     | 94.0                | 97.1             | 35.27                       | 11,751.5               | 1,978.0         | 1,782.0                      | 1,562.2                       | 219.79               | 8.108              |          |
| 22,800.0                                                                    | 11,180.0                    | 21,380.1                    | 9,725.0                     | 94.7                | 97.8             | 35.27                       | 11,851.5               | 1,977.6         | 1,782.0                      | 1,560.7                       | 221.30               | 8.053              |          |
| 22,900.0                                                                    | 11,180.0                    | 21,480.1                    | 9,725.0                     | 95.4                | 98.5             | 35.27                       | 11,951.5               | 1,977.2         | 1,782.0                      | 1,559.2                       | 222.80               | 7.998              |          |
| 23,000.0                                                                    | 11,180.0                    | 21,580.1                    | 9,725.0                     | 96.2                | 99.2             | 35.27                       | 12,051.4               | 1,976.8         | 1,782.0                      | 1,557.7                       | 224.30               | 7.945              |          |
| 23,100.0                                                                    | 11,180.0                    | 21,680.1                    | 9,725.0                     | 96.9                | 99.9             | 35.27                       | 12,151.4               | 1,976.5         | 1,782.0                      | 1,556.2                       | 225.81               | 7.892              |          |
| 23,200.0                                                                    | 11,180.0                    | 21,780.1                    | 9,725.0                     | 97.6                | 100.6            | 35.27                       | 12,251.4               | 1,976.1         | 1,782.1                      | 1,554.7                       | 227.31               | 7.840              |          |
| 23,300.0                                                                    | 11,180.0                    | 21,880.1                    | 9,725.0                     | 98.4                | 101.3            | 35.27                       | 12,351.4               | 1,975.7         | 1,782.1                      | 1,553.2                       | 228.82               | 7.788              |          |
| 23,400.0                                                                    | 11,180.0                    | 21,980.1                    | 9,725.0                     | 99.1                | 102.0            | 35.27                       | 12,451.4               | 1,975.3         | 1,782.1                      | 1,551.7                       | 230.32               | 7.737              |          |
| 23,500.0                                                                    | 11,180.0                    | 22,080.1                    | 9,725.0                     | 99.8                | 102.7            | 35.27                       | 12,551.4               | 1,974.9         | 1,782.1                      | 1,550.2                       | 231.83               | 7.687              |          |
| 23,600.0                                                                    | 11,180.0                    | 22,180.1                    | 9,725.0                     | 100.6               | 103.4            | 35.27                       | 12,651.4               | 1,974.5         | 1,782.1                      | 1,548.7                       | 233.33               | 7.637              |          |
| 23,700.0                                                                    | 11,180.0                    | 22,280.1                    | 9,725.0                     | 101.3               | 104.1            | 35.27                       | 12,751.4               | 1,974.1         | 1,782.1                      | 1,547.2                       | 234.84               | 7.588              |          |
| 23,800.0                                                                    | 11,180.0                    | 22,380.1                    | 9,725.0                     | 102.0               | 104.8            | 35.27                       | 12,851.4               | 1,973.7         | 1,782.1                      | 1,545.7                       | 236.35               | 7.540              |          |
| 23,900.0                                                                    | 11,180.0                    | 22,480.1                    | 9,725.0                     | 102.8               | 105.5            | 35.27                       | 12,951.4               | 1,973.3         | 1,782.1                      | 1,544.2                       | 237.86               | 7.492              |          |
| 24,000.0                                                                    | 11,180.0                    | 22,580.1                    | 9,725.0                     | 103.5               | 106.2            | 35.27                       | 13,051.4               | 1,972.9         | 1,782.1                      | 1,542.7                       | 239.36               | 7.445              |          |
| 24,100.0                                                                    | 11,180.0                    | 22,680.1                    | 9,725.0                     | 104.2               | 107.0            | 35.27                       | 13,151.4               | 1,972.5         | 1,782.1                      | 1,541.2                       | 240.87               | 7.398              |          |
| 24,200.0                                                                    | 11,180.0                    | 22,780.1                    | 9,725.0                     | 105.0               | 107.7            | 35.27                       | 13,251.4               | 1,972.1         | 1,782.1                      | 1,539.7                       | 242.38               | 7.352              |          |
| 24,300.0                                                                    | 11,180.0                    | 22,880.1                    | 9,725.0                     | 105.7               | 108.4            | 35.27                       | 13,351.4               | 1,971.7         | 1,782.1                      | 1,538.2                       | 243.89               | 7.307              |          |
| 24,400.0                                                                    | 11,180.0                    | 22,980.1                    | 9,725.0                     | 106.5               | 109.1            | 35.27                       | 13,451.4               | 1,971.3         | 1,782.1                      | 1,536.7                       | 245.40               | 7.262              |          |
| 24,407.4                                                                    | 11,180.0                    | 22,987.4                    | 9,725.0                     | 106.5               | 109.1            | 35.27                       | 13,458.8               | 1,971.3         | 1,782.1                      | 1,536.6                       | 245.51               | 7.259              |          |
| 24,486.5                                                                    | 11,180.0                    | 23,061.6                    | 9,725.0                     | 107.1               | 109.7            | 35.27                       | 13,533.0               | 1,971.0         | 1,782.1                      | 1,535.4                       | 246.68               | 7.224 SF           |          |

## ConocoPhillips

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST        | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-W)      | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Reference Site:</b>    | THUNDERDOME PROJECT        | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site Error:</b>        | 0.0 usft                   | <b>North Reference:</b>             | Grid                            |
| <b>Reference Well:</b>    | *THUNDERDOME FED COM #708H | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 3.0 usft                   | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | OWB                        | <b>Database:</b>                    | Central Planning Prod           |
| <b>Reference Design:</b>  | PWP0                       | <b>Offset TVD Reference:</b>        | Reference Datum                 |

Reference Depths are relative to GL @ 3243.0usft

Offset Depths are relative to Offset Datum

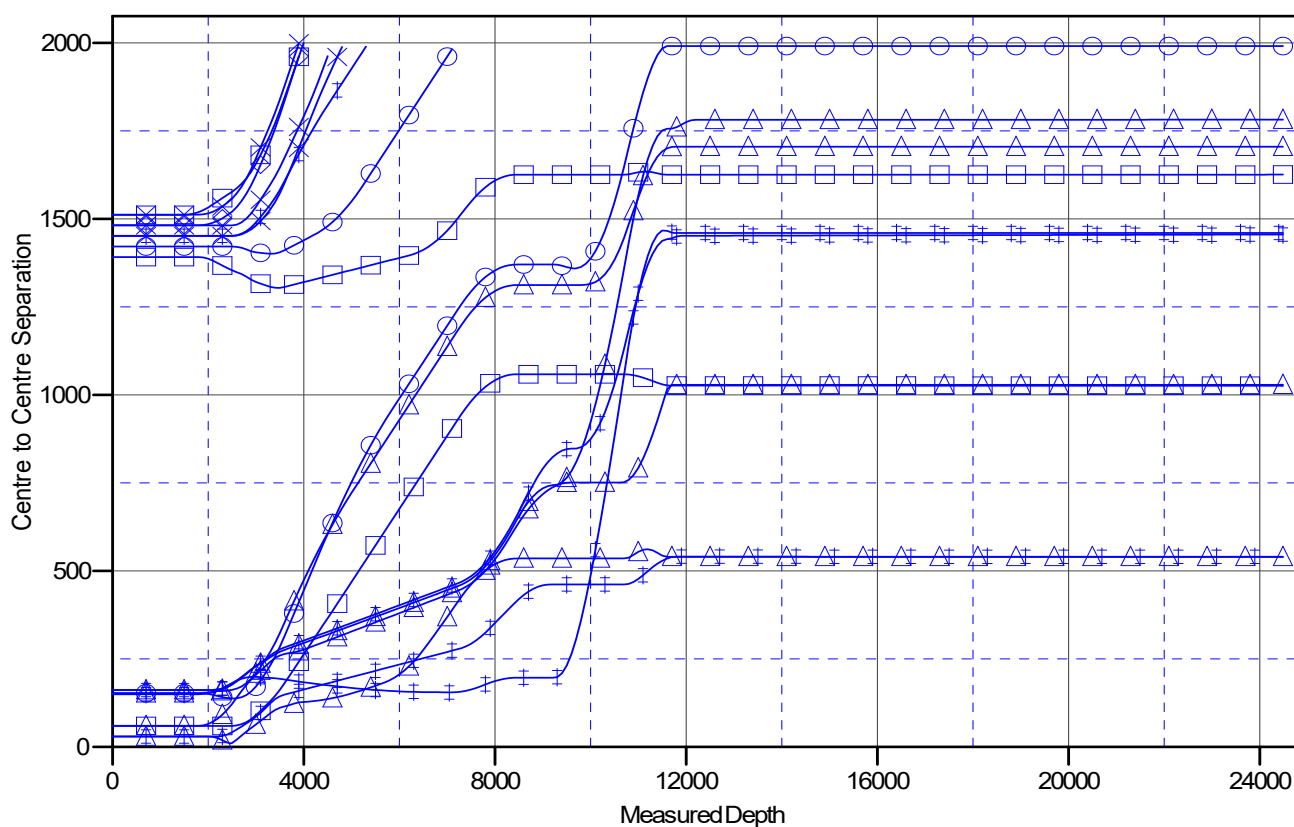
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: \*THUNDERDOME FED COM #708H

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30

Grid Convergence at Surface is: 0.26°

## Ladder Plot



## LEGEND

|                                        |                                        |                                       |
|----------------------------------------|----------------------------------------|---------------------------------------|
| *THUNDERDOME FED COM #521H OWB, PWP0V0 | *THUNDERDOME FED COM #708H OWB, PWP0V0 | *THUNDERDOME FED COM 501H OWB, PWP0V0 |
| *THUNDERDOME FED COM #523H OWB, PWP0V0 | *THUNDERDOME FED COM #709H OWB, PWP0V0 | *THUNDERDOME FED COM 502H OWB, PWP0V0 |
| *THUNDERDOME FED COM #529H OWB, PWP0V0 | *THUNDERDOME FED COM #708H OWB, PWP0V0 | *THUNDERDOME FED COM 503H OWB, PWP0V0 |
| *THUNDERDOME FED COM #701H OWB, PWP0V0 | *THUNDERDOME FED COM #707H OWB, PWP0V0 | *THUNDERDOME FED COM 504H OWB, PWP0V0 |
| *THUNDERDOME FED COM #702H OWB, PWP0V0 | *THUNDERDOME FED COM #708H OWB, PWP0V0 | *THUNDERDOME FED COM 505H OWB, PWP0V0 |
| *THUNDERDOME FED COM #703H OWB, PWP0V0 | *THUNDERDOME FED COM #710H OWB, PWP0V0 |                                       |

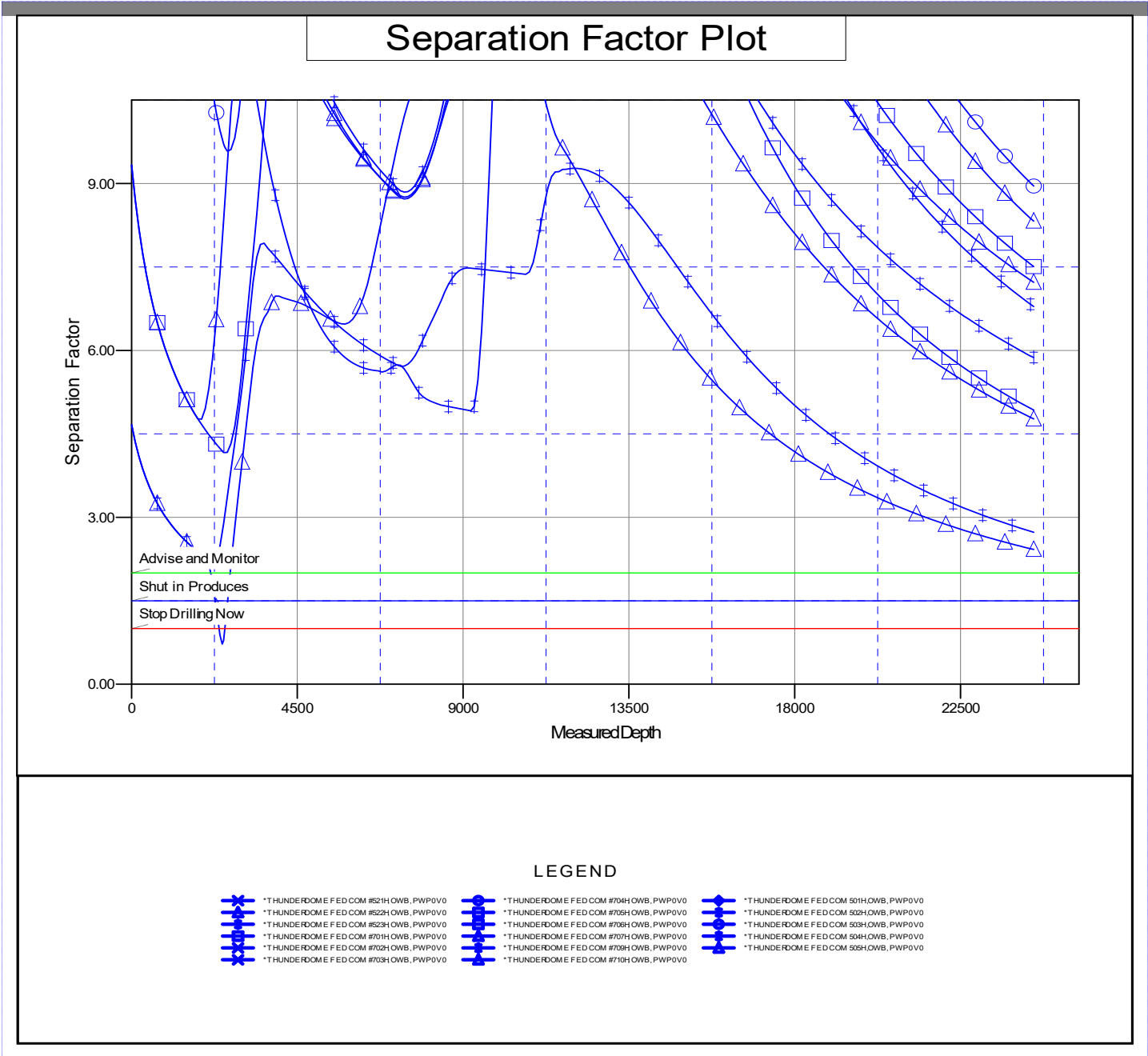
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                            |                              |                                 |
|--------------------|----------------------------|------------------------------|---------------------------------|
| Company:           | DELAWARE BASIN WEST        | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Project:           | ATLAS PROSPECT (NM-W)      | TVD Reference:               | GL @ 3243.0usft                 |
| Reference Site:    | THUNDERDOME PROJECT        | MD Reference:                | GL @ 3243.0usft                 |
| Site Error:        | 0.0 usft                   | North Reference:             | Grid                            |
| Reference Well:    | *THUNDERDOME FED COM #708H | Survey Calculation Method:   | Minimum Curvature               |
| Well Error:        | 3.0 usft                   | Output errors are at         | 2.00 sigma                      |
| Reference Wellbore | OWB                        | Database:                    | Central Planning Prod           |
| Reference Design:  | PWP0                       | Offset TVD Reference:        | Reference Datum                 |

Reference Depths are relative to GL @ 3243.0usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: \*THUNDERDOME FED COM #708H  
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
Grid Convergence at Surface is: 0.26°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (DBW)**

**THUNDERDOME PROJECT**

**\*THUNDERDOME FED COM #708H**

**OWB**

**Plan: PWP0**

## **Standard Planning Report**

**05 October, 2023**

ConocoPhillips  
Planning Report

|           |                              |                              |                                 |
|-----------|------------------------------|------------------------------|---------------------------------|
| Database: | EDT 17 Central Planning Prod | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Company:  | DELAWARE BASIN WEST          | TVD Reference:               | GL @ 3243.0usft                 |
| Project:  | ATLAS PROSPECT (DBW)         | MD Reference:                | GL @ 3243.0usft                 |
| Site:     | THUNDERDOME PROJECT          | North Reference:             | Grid                            |
| Well:     | *THUNDERDOME FED COM #708H   | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | OWB                          |                              |                                 |
| Design:   | PWP0                         |                              |                                 |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project     | ATLAS PROSPECT (DBW)                 |               |                |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum:  | NAD 1927 (NADCON CONUS)              |               |                |
| Map Zone:   | New Mexico East 3001                 |               |                |

|                       |                     |              |                 |            |                  |
|-----------------------|---------------------|--------------|-----------------|------------|------------------|
| Site                  | THUNDERDOME PROJECT |              |                 |            |                  |
| Site Position:        |                     | Northing:    | 469,664.63 usft | Latitude:  | 32° 17' 25.094 N |
| From:                 | Map                 | Easting:     | 649,012.95 usft | Longitude: | 103° 51' 4.015 W |
| Position Uncertainty: | 0.0 usft            | Slot Radius: | 13-3/16 "       |            |                  |

|                      |                            |          |                     |                 |               |                  |
|----------------------|----------------------------|----------|---------------------|-----------------|---------------|------------------|
| Well                 | *THUNDERDOME FED COM #708H |          |                     |                 |               |                  |
| Well Position        | +N/-S                      | 0.0 usft | Northing:           | 469,314.63 usft | Latitude:     | 32° 17' 21.616 N |
|                      | +E/-W                      | 0.0 usft | Easting:            | 649,327.41 usft | Longitude:    | 103° 51' 0.370 W |
| Position Uncertainty |                            | 3.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,243.0 usft     |
| Grid Convergence:    |                            | 0.26 °   |                     |                 |               |                  |

|           |            |             |                 |               |                     |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | OWB        |             |                 |               |                     |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | BGGM2022   | 12/2/2022   | 6.70            | 59.95         | 47,541.37679403     |

|                   |      |                         |              |               |               |
|-------------------|------|-------------------------|--------------|---------------|---------------|
| Design            | PWP0 |                         |              |               |               |
| Audit Notes:      |      |                         |              |               |               |
| Version:          |      | Phase:                  | PLAN         | Tie On Depth: | 0.0           |
| Vertical Section: |      | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft)  | Direction (°) |
|                   |      | 0.0                     | 0.0          | 0.0           | 3.98          |

|                          |                 |                   |            |                            |  |
|--------------------------|-----------------|-------------------|------------|----------------------------|--|
| Plan Survey Tool Program | Date            | 7/10/2023         |            |                            |  |
| Depth From (usft)        | Depth To (usft) | Survey (Wellbore) | Tool Name  | Remarks                    |  |
| 1                        | 0.0             | 24,485.7          | PWP0 (OWB) | r.5 MWD+IFR1+MS            |  |
|                          |                 |                   |            | OWSG MWD + IFR1 + Multi-St |  |

ConocoPhillips

Planning Report

|           |                              |                              |                                 |
|-----------|------------------------------|------------------------------|---------------------------------|
| Database: | EDT 17 Central Planning Prod | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Company:  | DELAWARE BASIN WEST          | TVD Reference:               | GL @ 3243.0usft                 |
| Project:  | ATLAS PROSPECT (DBW)         | MD Reference:                | GL @ 3243.0usft                 |
| Site:     | THUNDERDOME PROJECT          | North Reference:             | Grid                            |
| Well:     | *THUNDERDOME FED COM #708H   | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | OWB                          |                              |                                 |
| Design:   | PWP0                         |                              |                                 |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |        |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 3,033.3               | 8.00            | 60.00       | 3,031.6               | 18.6         | 32.2         | 1.50                    | 1.50                   | 0.00                  | 60.00   |        |
| 3,283.3               | 8.00            | 60.00       | 3,279.2               | 36.0         | 62.3         | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 3,592.6               | 12.00           | 88.00       | 3,583.9               | 47.9         | 113.1        | 2.00                    | 1.29                   | 9.05                  | 64.93   |        |
| 7,238.4               | 12.00           | 88.00       | 7,150.0               | 74.3         | 870.7        | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 8,438.4               | 0.00            | 0.00        | 8,341.2               | 78.7         | 995.8        | 1.00                    | -1.00                  | 0.00                  | 180.00  |        |
| 10,704.2              | 0.00            | 0.00        | 10,607.0              | 78.7         | 995.8        | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 11,604.2              | 90.00           | 359.77      | 11,180.0              | 651.7        | 993.5        | 10.00                   | 10.00                  | -0.03                 | 359.77  |        |
| 24,486.5              | 90.00           | 359.77      | 11,180.0              | 13,533.8     | 942.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |

ConocoPhillips  
Planning Report

|           |                              |                              |                                 |
|-----------|------------------------------|------------------------------|---------------------------------|
| Database: | EDT 17 Central Planning Prod | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Company:  | DELAWARE BASIN WEST          | TVD Reference:               | GL @ 3243.0usft                 |
| Project:  | ATLAS PROSPECT (DBW)         | MD Reference:                | GL @ 3243.0usft                 |
| Site:     | THUNDERDOME PROJECT          | North Reference:             | Grid                            |
| Well:     | *THUNDERDOME FED COM #708H   | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | OWB                          |                              |                                 |
| Design:   | PWP0                         |                              |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0               | 1.50            | 60.00       | 2,600.0               | 0.7          | 1.1          | 0.7                     | 1.50                    | 1.50                   | 0.00                  |
| 2,700.0               | 3.00            | 60.00       | 2,699.9               | 2.6          | 4.5          | 2.9                     | 1.50                    | 1.50                   | 0.00                  |
| 2,800.0               | 4.50            | 60.00       | 2,799.7               | 5.9          | 10.2         | 6.6                     | 1.50                    | 1.50                   | 0.00                  |
| 2,900.0               | 6.00            | 60.00       | 2,899.3               | 10.5         | 18.1         | 11.7                    | 1.50                    | 1.50                   | 0.00                  |
| 3,000.0               | 7.50            | 60.00       | 2,998.6               | 16.3         | 28.3         | 18.3                    | 1.50                    | 1.50                   | 0.00                  |
| 3,033.3               | 8.00            | 60.00       | 3,031.6               | 18.6         | 32.2         | 20.8                    | 1.50                    | 1.50                   | 0.00                  |
| 3,100.0               | 8.00            | 60.00       | 3,097.6               | 23.2         | 40.2         | 26.0                    | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 8.00            | 60.00       | 3,196.6               | 30.2         | 52.3         | 33.7                    | 0.00                    | 0.00                   | 0.00                  |
| 3,283.3               | 8.00            | 60.00       | 3,279.2               | 36.0         | 62.3         | 40.2                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 8.15            | 62.13       | 3,295.7               | 37.1         | 64.4         | 41.5                    | 2.00                    | 0.88                   | 12.79                 |
| 3,400.0               | 9.23            | 73.29       | 3,394.5               | 42.7         | 78.3         | 48.1                    | 2.00                    | 1.09                   | 11.16                 |
| 3,500.0               | 10.59           | 81.87       | 3,493.0               | 46.3         | 95.1         | 52.8                    | 2.00                    | 1.35                   | 8.59                  |
| 3,592.6               | 12.00           | 88.00       | 3,583.9               | 47.9         | 113.1        | 55.6                    | 2.00                    | 1.53                   | 6.61                  |
| 3,600.0               | 12.00           | 88.00       | 3,591.1               | 47.9         | 114.7        | 55.8                    | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 12.00           | 88.00       | 3,688.9               | 48.7         | 135.5        | 57.9                    | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 12.00           | 88.00       | 3,786.7               | 49.4         | 156.2        | 60.1                    | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 12.00           | 88.00       | 3,884.5               | 50.1         | 177.0        | 62.3                    | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 12.00           | 88.00       | 3,982.3               | 50.8         | 197.8        | 64.4                    | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 12.00           | 88.00       | 4,080.2               | 51.6         | 218.6        | 66.6                    | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 12.00           | 88.00       | 4,178.0               | 52.3         | 239.3        | 68.8                    | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 12.00           | 88.00       | 4,275.8               | 53.0         | 260.1        | 70.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 12.00           | 88.00       | 4,373.6               | 53.7         | 280.9        | 73.1                    | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 12.00           | 88.00       | 4,471.4               | 54.5         | 301.7        | 75.3                    | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 12.00           | 88.00       | 4,569.2               | 55.2         | 322.5        | 77.4                    | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 12.00           | 88.00       | 4,667.0               | 55.9         | 343.2        | 79.6                    | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 12.00           | 88.00       | 4,764.9               | 56.6         | 364.0        | 81.8                    | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 12.00           | 88.00       | 4,862.7               | 57.4         | 384.8        | 83.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 12.00           | 88.00       | 4,960.5               | 58.1         | 405.6        | 86.1                    | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                 |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Project:</b>  | ATLAS PROSPECT (DBW)         | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site:</b>     | THUNDERDOME PROJECT          | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | *THUNDERDOME FED COM #708H   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | OWB                          |                                     |                                 |
| <b>Design:</b>   | PWP0                         |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 5,100.0               | 12.00           | 88.00       | 5,058.3               | 58.8         | 426.4        | 88.3                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,200.0               | 12.00           | 88.00       | 5,156.1               | 59.5         | 447.1        | 90.4                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,300.0               | 12.00           | 88.00       | 5,253.9               | 60.3         | 467.9        | 92.6                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0               | 12.00           | 88.00       | 5,351.8               | 61.0         | 488.7        | 94.8                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0               | 12.00           | 88.00       | 5,449.6               | 61.7         | 509.5        | 96.9                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0               | 12.00           | 88.00       | 5,547.4               | 62.4         | 530.2        | 99.1                    | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0               | 12.00           | 88.00       | 5,645.2               | 63.2         | 551.0        | 101.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0               | 12.00           | 88.00       | 5,743.0               | 63.9         | 571.8        | 103.4                   | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0               | 12.00           | 88.00       | 5,840.8               | 64.6         | 592.6        | 105.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0               | 12.00           | 88.00       | 5,938.6               | 65.3         | 613.4        | 107.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0               | 12.00           | 88.00       | 6,036.5               | 66.1         | 634.1        | 109.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0               | 12.00           | 88.00       | 6,134.3               | 66.8         | 654.9        | 112.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,300.0               | 12.00           | 88.00       | 6,232.1               | 67.5         | 675.7        | 114.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,400.0               | 12.00           | 88.00       | 6,329.9               | 68.2         | 696.5        | 116.4                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,500.0               | 12.00           | 88.00       | 6,427.7               | 69.0         | 717.3        | 118.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,600.0               | 12.00           | 88.00       | 6,525.5               | 69.7         | 738.0        | 120.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,700.0               | 12.00           | 88.00       | 6,623.3               | 70.4         | 758.8        | 122.9                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,800.0               | 12.00           | 88.00       | 6,721.2               | 71.2         | 779.6        | 125.1                   | 0.00                    | 0.00                   | 0.00                  |  |
| 6,900.0               | 12.00           | 88.00       | 6,819.0               | 71.9         | 800.4        | 127.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 7,000.0               | 12.00           | 88.00       | 6,916.8               | 72.6         | 821.1        | 129.4                   | 0.00                    | 0.00                   | 0.00                  |  |
| 7,100.0               | 12.00           | 88.00       | 7,014.6               | 73.3         | 841.9        | 131.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 7,200.0               | 12.00           | 88.00       | 7,112.4               | 74.1         | 862.7        | 133.8                   | 0.00                    | 0.00                   | 0.00                  |  |
| 7,238.4               | 12.00           | 88.00       | 7,150.0               | 74.3         | 870.7        | 134.6                   | 0.00                    | 0.00                   | 0.00                  |  |
| 7,300.0               | 11.38           | 88.00       | 7,210.3               | 74.8         | 883.2        | 135.9                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,400.0               | 10.38           | 88.00       | 7,308.5               | 75.4         | 902.0        | 137.9                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,500.0               | 9.38            | 88.00       | 7,407.0               | 76.0         | 919.2        | 139.7                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,600.0               | 8.38            | 88.00       | 7,505.8               | 76.6         | 934.6        | 141.3                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,700.0               | 7.38            | 88.00       | 7,604.9               | 77.0         | 948.3        | 142.7                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,800.0               | 6.38            | 88.00       | 7,704.1               | 77.5         | 960.3        | 144.0                   | 1.00                    | -1.00                  | 0.00                  |  |
| 7,900.0               | 5.38            | 88.00       | 7,803.6               | 77.8         | 970.6        | 145.0                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,000.0               | 4.38            | 88.00       | 7,903.3               | 78.1         | 979.1        | 145.9                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,100.0               | 3.38            | 88.00       | 8,003.0               | 78.4         | 985.8        | 146.6                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,200.0               | 2.38            | 88.00       | 8,102.9               | 78.5         | 990.9        | 147.1                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,300.0               | 1.38            | 88.00       | 8,202.8               | 78.6         | 994.1        | 147.5                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,400.0               | 0.38            | 88.00       | 8,302.8               | 78.7         | 995.7        | 147.6                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,438.4               | 0.00            | 0.00        | 8,341.2               | 78.7         | 995.8        | 147.7                   | 1.00                    | -1.00                  | 0.00                  |  |
| 8,500.0               | 0.00            | 0.00        | 8,402.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.0               | 0.00            | 0.00        | 8,502.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 8,700.0               | 0.00            | 0.00        | 8,602.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.0               | 0.00            | 0.00        | 8,702.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.0               | 0.00            | 0.00        | 8,802.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.0               | 0.00            | 0.00        | 8,902.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.0               | 0.00            | 0.00        | 9,002.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.0               | 0.00            | 0.00        | 9,102.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.0               | 0.00            | 0.00        | 9,202.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.0               | 0.00            | 0.00        | 9,302.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.0               | 0.00            | 0.00        | 9,402.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.0               | 0.00            | 0.00        | 9,502.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.0               | 0.00            | 0.00        | 9,602.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.0               | 0.00            | 0.00        | 9,702.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.0               | 0.00            | 0.00        | 9,802.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.0              | 0.00            | 0.00        | 9,902.8               | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.0              | 0.00            | 0.00        | 10,002.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.0              | 0.00            | 0.00        | 10,102.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                 |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Project:</b>  | ATLAS PROSPECT (DBW)         | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site:</b>     | THUNDERDOME PROJECT          | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | *THUNDERDOME FED COM #708H   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | OWB                          |                                     |                                 |
| <b>Design:</b>   | PWP0                         |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 10,300.0              | 0.00            | 0.00        | 10,202.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 0.00            | 0.00        | 10,302.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 0.00            | 0.00        | 10,402.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 0.00            | 0.00        | 10,502.8              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,704.2              | 0.00            | 0.00        | 10,607.0              | 78.7         | 995.8        | 147.7                   | 0.00                    | 0.00                   | 0.00                  |
| 10,750.0              | 4.58            | 359.77      | 10,652.8              | 80.5         | 995.8        | 149.5                   | 10.00                   | 10.00                  | 0.00                  |
| 10,800.0              | 9.58            | 359.77      | 10,702.4              | 86.7         | 995.8        | 155.6                   | 10.00                   | 10.00                  | 0.00                  |
| 10,850.0              | 14.58           | 359.77      | 10,751.3              | 97.2         | 995.7        | 166.1                   | 10.00                   | 10.00                  | 0.00                  |
| 10,900.0              | 19.58           | 359.77      | 10,799.0              | 111.8        | 995.7        | 180.7                   | 10.00                   | 10.00                  | 0.00                  |
| 10,950.0              | 24.58           | 359.77      | 10,845.4              | 130.6        | 995.6        | 199.4                   | 10.00                   | 10.00                  | 0.00                  |
| 11,000.0              | 29.58           | 359.77      | 10,889.9              | 153.4        | 995.5        | 222.1                   | 10.00                   | 10.00                  | 0.00                  |
| 11,050.0              | 34.58           | 359.77      | 10,932.2              | 179.9        | 995.4        | 248.6                   | 10.00                   | 10.00                  | 0.00                  |
| 11,100.0              | 39.58           | 359.77      | 10,972.1              | 210.1        | 995.3        | 278.7                   | 10.00                   | 10.00                  | 0.00                  |
| 11,150.0              | 44.58           | 359.77      | 11,009.2              | 243.6        | 995.2        | 312.1                   | 10.00                   | 10.00                  | 0.00                  |
| 11,200.0              | 49.58           | 359.77      | 11,043.2              | 280.2        | 995.0        | 348.6                   | 10.00                   | 10.00                  | 0.00                  |
| 11,250.0              | 54.58           | 359.77      | 11,073.9              | 319.6        | 994.9        | 387.9                   | 10.00                   | 10.00                  | 0.00                  |
| 11,300.0              | 59.58           | 359.77      | 11,101.1              | 361.6        | 994.7        | 429.8                   | 10.00                   | 10.00                  | 0.00                  |
| 11,350.0              | 64.58           | 359.77      | 11,124.5              | 405.7        | 994.5        | 473.8                   | 10.00                   | 10.00                  | 0.00                  |
| 11,400.0              | 69.58           | 359.77      | 11,144.0              | 451.8        | 994.3        | 519.7                   | 10.00                   | 10.00                  | 0.00                  |
| 11,450.0              | 74.58           | 359.77      | 11,159.3              | 499.3        | 994.1        | 567.2                   | 10.00                   | 10.00                  | 0.00                  |
| 11,500.0              | 79.58           | 359.77      | 11,170.5              | 548.1        | 993.9        | 615.7                   | 10.00                   | 10.00                  | 0.00                  |
| 11,550.0              | 84.58           | 359.77      | 11,177.4              | 597.6        | 993.7        | 665.1                   | 10.00                   | 10.00                  | 0.00                  |
| 11,604.2              | 90.00           | 359.77      | 11,180.0              | 651.7        | 993.5        | 719.1                   | 10.00                   | 10.00                  | 0.00                  |
| 11,700.0              | 90.00           | 359.77      | 11,180.0              | 747.5        | 993.1        | 814.6                   | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 90.00           | 359.77      | 11,180.0              | 847.5        | 992.7        | 914.4                   | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 90.00           | 359.77      | 11,180.0              | 947.5        | 992.3        | 1,014.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 90.00           | 359.77      | 11,180.0              | 1,047.5      | 991.9        | 1,113.8                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0              | 90.00           | 359.77      | 11,180.0              | 1,147.5      | 991.5        | 1,213.6                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0              | 90.00           | 359.77      | 11,180.0              | 1,247.5      | 991.1        | 1,313.3                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0              | 90.00           | 359.77      | 11,180.0              | 1,347.5      | 990.7        | 1,413.0                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0              | 90.00           | 359.77      | 11,180.0              | 1,447.5      | 990.3        | 1,512.7                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0              | 90.00           | 359.77      | 11,180.0              | 1,547.5      | 989.9        | 1,612.5                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0              | 90.00           | 359.77      | 11,180.0              | 1,647.5      | 989.5        | 1,712.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0              | 90.00           | 359.77      | 11,180.0              | 1,747.5      | 989.1        | 1,811.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 90.00           | 359.77      | 11,180.0              | 1,847.5      | 988.7        | 1,911.7                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 90.00           | 359.77      | 11,180.0              | 1,947.5      | 988.3        | 2,011.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 359.77      | 11,180.0              | 2,047.5      | 987.9        | 2,111.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 359.77      | 11,180.0              | 2,147.5      | 987.5        | 2,210.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 359.77      | 11,180.0              | 2,247.5      | 987.1        | 2,310.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 359.77      | 11,180.0              | 2,347.5      | 986.7        | 2,410.3                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 359.77      | 11,180.0              | 2,447.5      | 986.3        | 2,510.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 359.77      | 11,180.0              | 2,547.5      | 985.9        | 2,609.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 359.77      | 11,180.0              | 2,647.5      | 985.5        | 2,709.5                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 359.77      | 11,180.0              | 2,747.5      | 985.1        | 2,809.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 359.77      | 11,180.0              | 2,847.5      | 984.7        | 2,909.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 359.77      | 11,180.0              | 2,947.5      | 984.3        | 3,008.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 359.77      | 11,180.0              | 3,047.5      | 983.9        | 3,108.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 359.77      | 11,180.0              | 3,147.5      | 983.5        | 3,208.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 359.77      | 11,180.0              | 3,247.5      | 983.1        | 3,307.9                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 359.77      | 11,180.0              | 3,347.5      | 982.7        | 3,407.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 359.77      | 11,180.0              | 3,447.5      | 982.3        | 3,507.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 359.77      | 11,180.0              | 3,547.5      | 981.9        | 3,607.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 359.77      | 11,180.0              | 3,647.5      | 981.5        | 3,706.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 359.77      | 11,180.0              | 3,747.5      | 981.1        | 3,806.5                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                 |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Project:</b>  | ATLAS PROSPECT (DBW)         | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site:</b>     | THUNDERDOME PROJECT          | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | *THUNDERDOME FED COM #708H   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | OWB                          |                                     |                                 |
| <b>Design:</b>   | PWP0                         |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 14,800.0              | 90.00           | 359.77      | 11,180.0              | 3,847.5      | 980.7        | 3,906.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.0              | 90.00           | 359.77      | 11,180.0              | 3,947.5      | 980.3        | 4,006.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.0              | 90.00           | 359.77      | 11,180.0              | 4,047.5      | 979.9        | 4,105.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.0              | 90.00           | 359.77      | 11,180.0              | 4,147.5      | 979.5        | 4,205.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.0              | 90.00           | 359.77      | 11,180.0              | 4,247.5      | 979.1        | 4,305.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.0              | 90.00           | 359.77      | 11,180.0              | 4,347.5      | 978.7        | 4,404.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.0              | 90.00           | 359.77      | 11,180.0              | 4,447.4      | 978.3        | 4,504.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.0              | 90.00           | 359.77      | 11,180.0              | 4,547.4      | 977.9        | 4,604.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0              | 90.00           | 359.77      | 11,180.0              | 4,647.4      | 977.5        | 4,704.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0              | 90.00           | 359.77      | 11,180.0              | 4,747.4      | 977.1        | 4,803.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0              | 90.00           | 359.77      | 11,180.0              | 4,847.4      | 976.7        | 4,903.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0              | 90.00           | 359.77      | 11,180.0              | 4,947.4      | 976.3        | 5,003.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0              | 90.00           | 359.77      | 11,180.0              | 5,047.4      | 975.9        | 5,103.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0              | 90.00           | 359.77      | 11,180.0              | 5,147.4      | 975.5        | 5,202.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0              | 90.00           | 359.77      | 11,180.0              | 5,247.4      | 975.1        | 5,302.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0              | 90.00           | 359.77      | 11,180.0              | 5,347.4      | 974.7        | 5,402.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0              | 90.00           | 359.77      | 11,180.0              | 5,447.4      | 974.3        | 5,501.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0              | 90.00           | 359.77      | 11,180.0              | 5,547.4      | 973.9        | 5,601.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0              | 90.00           | 359.77      | 11,180.0              | 5,647.4      | 973.5        | 5,701.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0              | 90.00           | 359.77      | 11,180.0              | 5,747.4      | 973.1        | 5,801.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0              | 90.00           | 359.77      | 11,180.0              | 5,847.4      | 972.7        | 5,900.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0              | 90.00           | 359.77      | 11,180.0              | 5,947.4      | 972.3        | 6,000.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0              | 90.00           | 359.77      | 11,180.0              | 6,047.4      | 971.9        | 6,100.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0              | 90.00           | 359.77      | 11,180.0              | 6,147.4      | 971.5        | 6,200.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0              | 90.00           | 359.77      | 11,180.0              | 6,247.4      | 971.1        | 6,299.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.0              | 90.00           | 359.77      | 11,180.0              | 6,347.4      | 970.7        | 6,399.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,400.0              | 90.00           | 359.77      | 11,180.0              | 6,447.4      | 970.3        | 6,499.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.0              | 90.00           | 359.77      | 11,180.0              | 6,547.4      | 969.9        | 6,599.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.0              | 90.00           | 359.77      | 11,180.0              | 6,647.4      | 969.5        | 6,698.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,700.0              | 90.00           | 359.77      | 11,180.0              | 6,747.4      | 969.1        | 6,798.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,800.0              | 90.00           | 359.77      | 11,180.0              | 6,847.4      | 968.7        | 6,898.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,900.0              | 90.00           | 359.77      | 11,180.0              | 6,947.4      | 968.3        | 6,997.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,000.0              | 90.00           | 359.77      | 11,180.0              | 7,047.4      | 967.9        | 7,097.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,100.0              | 90.00           | 359.77      | 11,180.0              | 7,147.4      | 967.5        | 7,197.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,200.0              | 90.00           | 359.77      | 11,180.0              | 7,247.4      | 967.1        | 7,297.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.0              | 90.00           | 359.77      | 11,180.0              | 7,347.4      | 966.7        | 7,396.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.0              | 90.00           | 359.77      | 11,180.0              | 7,447.4      | 966.3        | 7,496.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,500.0              | 90.00           | 359.77      | 11,180.0              | 7,547.4      | 965.9        | 7,596.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,600.0              | 90.00           | 359.77      | 11,180.0              | 7,647.4      | 965.5        | 7,696.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,700.0              | 90.00           | 359.77      | 11,180.0              | 7,747.4      | 965.1        | 7,795.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,800.0              | 90.00           | 359.77      | 11,180.0              | 7,847.4      | 964.7        | 7,895.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,900.0              | 90.00           | 359.77      | 11,180.0              | 7,947.4      | 964.3        | 7,995.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,000.0              | 90.00           | 359.77      | 11,180.0              | 8,047.4      | 963.9        | 8,094.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,100.0              | 90.00           | 359.77      | 11,180.0              | 8,147.4      | 963.5        | 8,194.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,200.0              | 90.00           | 359.77      | 11,180.0              | 8,247.4      | 963.1        | 8,294.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,300.0              | 90.00           | 359.77      | 11,180.0              | 8,347.4      | 962.7        | 8,394.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,400.0              | 90.00           | 359.77      | 11,180.0              | 8,447.4      | 962.3        | 8,493.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,500.0              | 90.00           | 359.77      | 11,180.0              | 8,547.4      | 961.9        | 8,593.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,600.0              | 90.00           | 359.77      | 11,180.0              | 8,647.4      | 961.5        | 8,693.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,700.0              | 90.00           | 359.77      | 11,180.0              | 8,747.4      | 961.1        | 8,793.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,800.0              | 90.00           | 359.77      | 11,180.0              | 8,847.4      | 960.7        | 8,892.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,900.0              | 90.00           | 359.77      | 11,180.0              | 8,947.4      | 960.3        | 8,992.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,000.0              | 90.00           | 359.77      | 11,180.0              | 9,047.4      | 959.9        | 9,092.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,100.0              | 90.00           | 359.77      | 11,180.0              | 9,147.4      | 959.5        | 9,192.0                 | 0.00                    | 0.00                   | 0.00                  |  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                 |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well *THUNDERDOME FED COM #708H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | GL @ 3243.0usft                 |
| <b>Project:</b>  | ATLAS PROSPECT (DBW)         | <b>MD Reference:</b>                | GL @ 3243.0usft                 |
| <b>Site:</b>     | THUNDERDOME PROJECT          | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | *THUNDERDOME FED COM #708H   | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | OWB                          |                                     |                                 |
| <b>Design:</b>   | PWP0                         |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 20,200.0              | 90.00           | 359.77      | 11,180.0              | 9,247.4      | 959.1        | 9,291.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,300.0              | 90.00           | 359.77      | 11,180.0              | 9,347.4      | 958.7        | 9,391.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,400.0              | 90.00           | 359.77      | 11,180.0              | 9,447.4      | 958.3        | 9,491.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,500.0              | 90.00           | 359.77      | 11,180.0              | 9,547.4      | 957.9        | 9,590.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,600.0              | 90.00           | 359.77      | 11,180.0              | 9,647.4      | 957.5        | 9,690.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,700.0              | 90.00           | 359.77      | 11,180.0              | 9,747.4      | 957.1        | 9,790.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,800.0              | 90.00           | 359.77      | 11,180.0              | 9,847.4      | 956.7        | 9,890.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,900.0              | 90.00           | 359.77      | 11,180.0              | 9,947.4      | 956.3        | 9,989.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,000.0              | 90.00           | 359.77      | 11,180.0              | 10,047.4     | 955.9        | 10,089.5                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,100.0              | 90.00           | 359.77      | 11,180.0              | 10,147.4     | 955.5        | 10,189.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,200.0              | 90.00           | 359.77      | 11,180.0              | 10,247.4     | 955.1        | 10,289.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,300.0              | 90.00           | 359.77      | 11,180.0              | 10,347.4     | 954.7        | 10,388.7                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,400.0              | 90.00           | 359.77      | 11,180.0              | 10,447.4     | 954.3        | 10,488.5                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,500.0              | 90.00           | 359.77      | 11,180.0              | 10,547.4     | 953.9        | 10,588.2                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,600.0              | 90.00           | 359.77      | 11,180.0              | 10,647.4     | 953.5        | 10,687.9                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,700.0              | 90.00           | 359.77      | 11,180.0              | 10,747.4     | 953.1        | 10,787.6                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,800.0              | 90.00           | 359.77      | 11,180.0              | 10,847.4     | 952.7        | 10,887.4                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,900.0              | 90.00           | 359.77      | 11,180.0              | 10,947.4     | 952.3        | 10,987.1                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,000.0              | 90.00           | 359.77      | 11,180.0              | 11,047.4     | 951.9        | 11,086.8                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,100.0              | 90.00           | 359.77      | 11,180.0              | 11,147.4     | 951.5        | 11,186.6                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,200.0              | 90.00           | 359.77      | 11,180.0              | 11,247.4     | 951.1        | 11,286.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,300.0              | 90.00           | 359.77      | 11,180.0              | 11,347.4     | 950.7        | 11,386.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,400.0              | 90.00           | 359.77      | 11,180.0              | 11,447.4     | 950.3        | 11,485.8                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,500.0              | 90.00           | 359.77      | 11,180.0              | 11,547.4     | 949.9        | 11,585.5                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,600.0              | 90.00           | 359.77      | 11,180.0              | 11,647.4     | 949.5        | 11,685.2                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,700.0              | 90.00           | 359.77      | 11,180.0              | 11,747.4     | 949.1        | 11,784.9                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,800.0              | 90.00           | 359.77      | 11,180.0              | 11,847.4     | 948.7        | 11,884.7                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,900.0              | 90.00           | 359.77      | 11,180.0              | 11,947.4     | 948.3        | 11,984.4                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,000.0              | 90.00           | 359.77      | 11,180.0              | 12,047.4     | 947.9        | 12,084.1                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,100.0              | 90.00           | 359.77      | 11,180.0              | 12,147.4     | 947.5        | 12,183.9                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,200.0              | 90.00           | 359.77      | 11,180.0              | 12,247.4     | 947.1        | 12,283.6                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,300.0              | 90.00           | 359.77      | 11,180.0              | 12,347.4     | 946.7        | 12,383.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,400.0              | 90.00           | 359.77      | 11,180.0              | 12,447.4     | 946.3        | 12,483.1                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,500.0              | 90.00           | 359.77      | 11,180.0              | 12,547.4     | 945.9        | 12,582.8                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,600.0              | 90.00           | 359.77      | 11,180.0              | 12,647.4     | 945.5        | 12,682.5                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,700.0              | 90.00           | 359.77      | 11,180.0              | 12,747.4     | 945.1        | 12,782.2                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,800.0              | 90.00           | 359.77      | 11,180.0              | 12,847.4     | 944.7        | 12,882.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 23,900.0              | 90.00           | 359.77      | 11,180.0              | 12,947.4     | 944.3        | 12,981.7                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,000.0              | 90.00           | 359.77      | 11,180.0              | 13,047.4     | 943.9        | 13,081.4                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,100.0              | 90.00           | 359.77      | 11,180.0              | 13,147.4     | 943.5        | 13,181.2                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,200.0              | 90.00           | 359.77      | 11,180.0              | 13,247.4     | 943.1        | 13,280.9                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,300.0              | 90.00           | 359.77      | 11,180.0              | 13,347.4     | 942.7        | 13,380.6                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,400.0              | 90.00           | 359.77      | 11,180.0              | 13,447.4     | 942.3        | 13,480.4                | 0.00                    | 0.00                   | 0.00                  |  |
| 24,486.5              | 90.00           | 359.77      | 11,180.0              | 13,533.8     | 942.0        | 13,566.6                | 0.00                    | 0.00                   | 0.00                  |  |

ConocoPhillips

Planning Report

|           |                              |                              |                                 |
|-----------|------------------------------|------------------------------|---------------------------------|
| Database: | EDT 17 Central Planning Prod | Local Co-ordinate Reference: | Well *THUNDERDOME FED COM #708H |
| Company:  | DELAWARE BASIN WEST          | TVD Reference:               | GL @ 3243.0usft                 |
| Project:  | ATLAS PROSPECT (DBW)         | MD Reference:                | GL @ 3243.0usft                 |
| Site:     | THUNDERDOME PROJECT          | North Reference:             | Grid                            |
| Well:     | *THUNDERDOME FED COM #708H   | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | OWB                          |                              |                                 |
| Design:   | PWP0                         |                              |                                 |

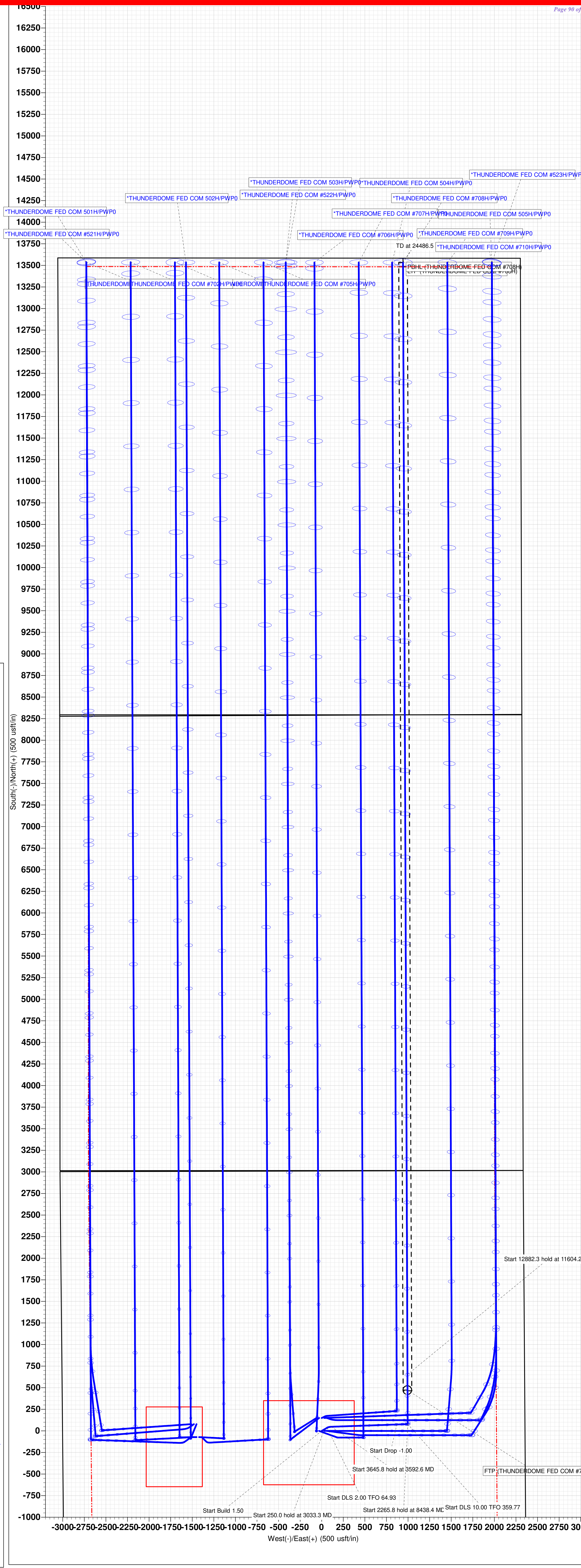
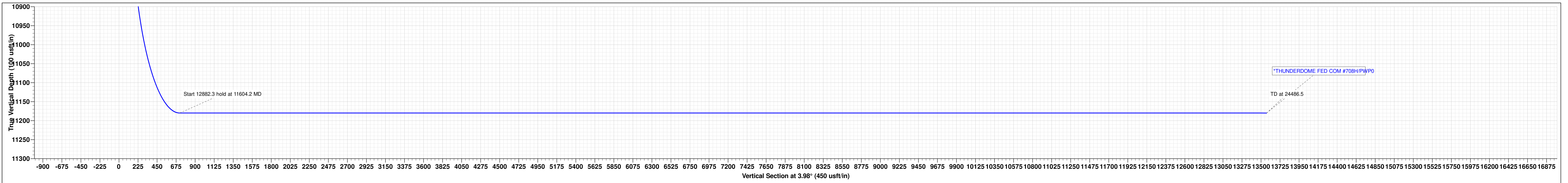
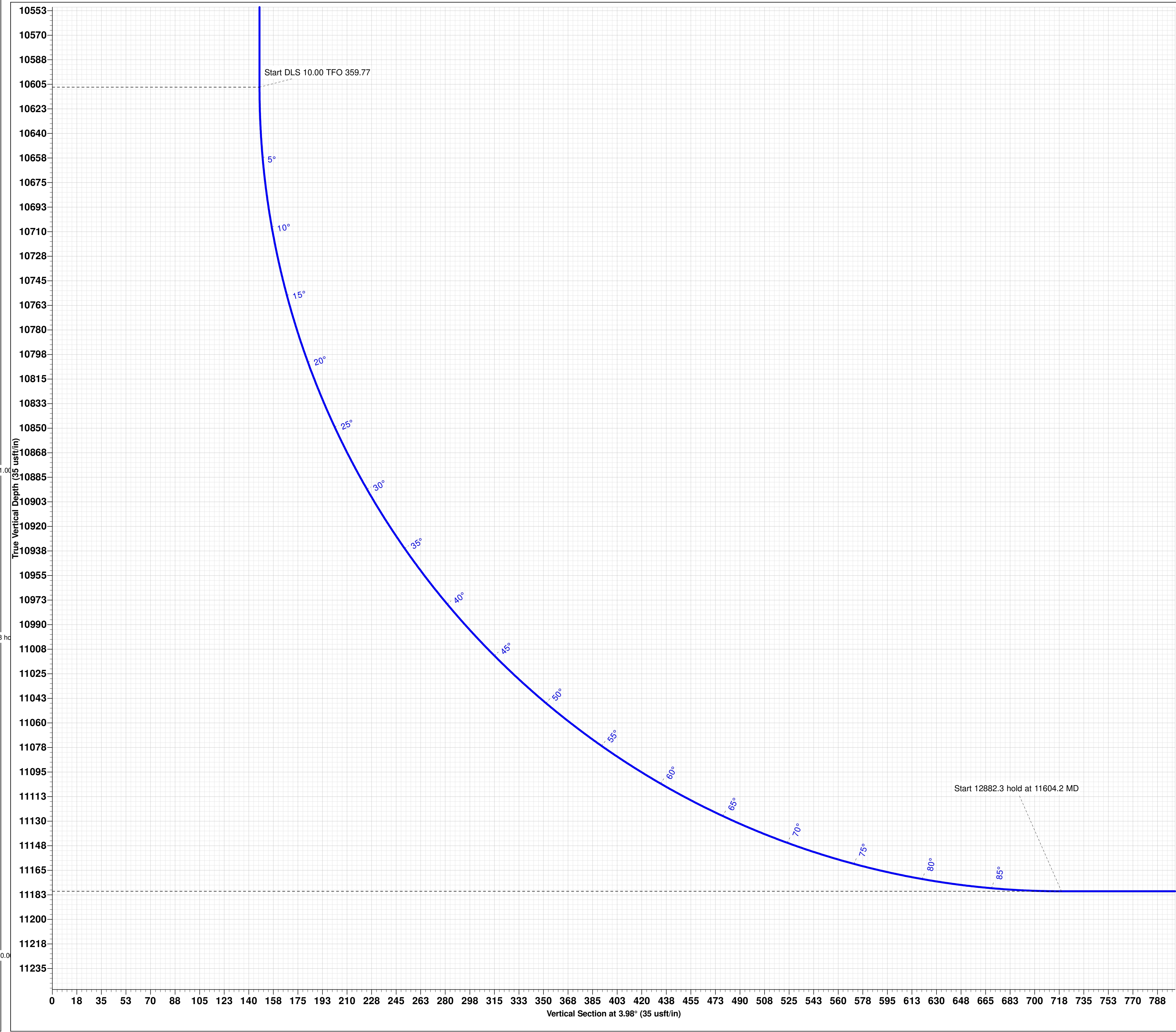
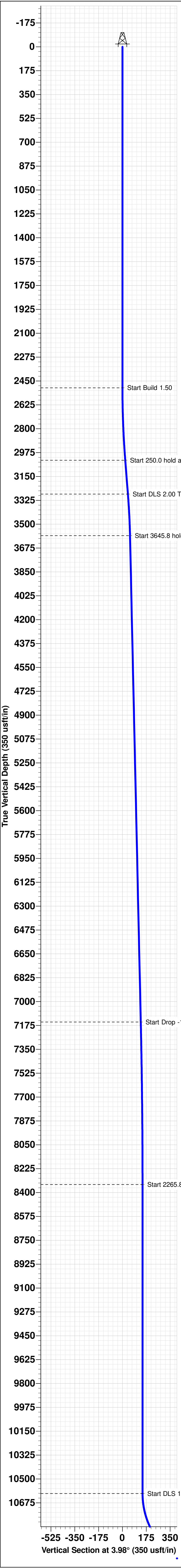
| Design Targets                                                                                                                              |           |          |          |          |        |            |            |                  |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|----------|----------|--------|------------|------------|------------------|-------------------|
| Target Name                                                                                                                                 |           |          |          |          |        |            |            |                  |                   |
| - hit/miss target                                                                                                                           | Dip Angle | Dip Dir. | TVD      | +N/-S    | +E/-W  | Northing   | Easting    | Latitude         | Longitude         |
| - Shape                                                                                                                                     | (°)       | (°)      | (usft)   | (usft)   | (usft) | (usft)     | (usft)     |                  |                   |
| PBHL (THUNDERDOME<br>- plan hits target center<br>- Rectangle (sides W100.0 H13,069.8 D20.0)                                                | 0.00      | 179.78   | 11,180.0 | 13,533.8 | 942.0  | 482,848.48 | 650,269.41 | 32° 19' 35.504 N | 103° 50' 48.680 W |
| FTP (THUNDERDOME I<br>- plan misses target center by 27.3usft at 11431.4usft MD (11154.1 TVD, 481.4 N, 994.2 E)<br>- Circle (radius 50.0)   | 0.00      | 0.00     | 11,180.0 | 473.1    | 991.9  | 469,787.69 | 650,319.27 | 32° 17' 26.253 N | 103° 50' 48.790 W |
| LTP (THUNDERDOME I<br>- plan misses target center by 36.5usft at 24400.0usft MD (11180.0 TVD, 13447.4 N, 942.3 E)<br>- Circle (radius 50.0) | 90.00     | 359.77   | 11,180.0 | 13,483.8 | 942.3  | 482,798.48 | 650,269.67 | 32° 19' 35.009 N | 103° 50' 48.680 W |



Site: THUNDERDOME PROJECT  
Well: \*THUNDERDOME FED COM #708H  
Wellbore: OWB  
Design: PWP0

SECTION DETAILS

| MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg  | TFace  | VSect   |
|---------|-------|--------|---------|---------|-------|-------|--------|---------|
| 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     |
| 2500.0  | 0.00  | 0.00   | 2500.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0     |
| 3033.3  | 8.00  | 60.00  | 3031.6  | 18.6    | 32.2  | 1.50  | 60.00  | 20.8    |
| 3283.3  | 8.00  | 60.00  | 3279.2  | 36.0    | 62.3  | 0.00  | 0.00   | 40.2    |
| 3592.6  | 12.00 | 88.00  | 3583.9  | 47.9    | 113.1 | 2.00  | 64.93  | 55.6    |
| 7238.4  | 12.00 | 88.00  | 7150.0  | 74.3    | 870.7 | 0.00  | 0.00   | 134.6   |
| 8438.4  | 0.00  | 0.00   | 8341.2  | 78.7    | 995.8 | 1.00  | 180.00 | 147.7   |
| 10704.2 | 0.00  | 0.00   | 10607.0 | 78.7    | 995.8 | 0.00  | 0.00   | 147.7   |
| 11604.2 | 90.00 | 359.77 | 11180.0 | 651.7   | 993.5 | 10.00 | 359.77 | 719.1   |
| 24486.5 | 90.00 | 359.77 | 11180.0 | 13533.8 | 942.0 | 0.00  | 0.00   | 13566.6 |



## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                       |                              |
|-----------------------|------------------------------|
| OPERATOR'S NAME:      | COG OPERATING LLC            |
| WELL NAME & NO.:      | THUNDERDOME FEDERAL COM 709H |
| SURFACE HOLE FOOTAGE: | 2275'/S & 2354'/E            |
| BOTTOM HOLE FOOTAGE:  | 50'/N & 1359'/E              |
| LOCATION:             | Section 30, T.24 S., R.28 E. |
| COUNTY:               | Eddy County, New Mexico      |

COA

|                               |                                                          |                                                            |                                                              |
|-------------------------------|----------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| H2S                           | <input type="text" value="Yes"/>                         |                                                            |                                                              |
| Potash                        | <input type="text" value="R-111-Q"/>                     |                                                            |                                                              |
| Cave/Karst Potential          | <input type="text" value="Medium"/>                      |                                                            |                                                              |
| Cave/Karst Potential          | <input type="checkbox"/> Critical                        |                                                            |                                                              |
| Variance                      | <input type="radio"/> None                               | <input checked="" type="radio"/> Flex Hose                 | <input type="radio"/> Other                                  |
| Wellhead                      | <input type="text" value="Conventional and Multibowl"/>  |                                                            |                                                              |
| Other                         | <input checked="" type="checkbox"/> 4 String             | Capitan Reef<br><input type="text" value="None"/>          | <input type="checkbox"/> WIPP                                |
| Other                         | Pilot Hole<br><input type="text" value="None"/>          | <input type="checkbox"/> Open Annulus                      |                                                              |
| Cementing                     | Contingency Squeeze<br><input type="text" value="None"/> | Echo-Meter<br><input type="text" value="None"/>            | Primary Cement Squeeze<br><input type="text" value="Int 2"/> |
| Special Requirements          | <input type="checkbox"/> Water Disposal/Injection        | <input checked="" type="checkbox"/> COM                    | <input type="checkbox"/> Unit                                |
| Special Requirements          | <input type="checkbox"/> Batch Sundry                    | Waste Prevention<br><input type="text" value="Self-Cert"/> |                                                              |
| Special Requirements Variance | <input type="checkbox"/> Break Testing                   | <input type="checkbox"/> Offline Cementing                 | <input checked="" type="checkbox"/> Casing Clearance         |

**THE KPLA POTASH AREA WILL BE GOVERNED BY R111Q AS OF 5/10/2024. THE APD PACKAGE WAS SUBMITTED PRIOR TO THIS DATE, BUT THE OPERATOR HAS INCORPORATED THE UPDATED OPEN ANNULUS DESIGN. OPERATOR SHOULD REVIEW AND ADHERE TO ALL R111Q UPDATES.**

## A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H<sub>2</sub>S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet **43 CFR part 3170 Subpart 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

## B. CASING

**Surface set point updated to reflect 70' penetration into Rustler.**

1. The **13-3/8** inch surface casing shall be set at approximately **445** feet (a minimum of **70 feet (Eddy County)** into the Rustler Anhydrite and above the salt when present, and below usable fresh water) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

**Salt protection intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.**

2. The **10-3/4** inch salt protection intermediate casing shall be set at approximately **3,795** feet. **This depth is above the BLM geo-report Bell Canyon depth. Salt protection string should be set prior to entering highest oil or gas bearing zone.** The minimum required fill of cement behind the **10-3/4** inch intermediate casing is:

### Option 1 (Single Stage):

- Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, potash or capitan reef.**

**Second intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.**

3. The 7-5/8 inch second intermediate casing shall be set at approximately **10,550 feet**. **Too much cement excess proposed for the open annulus plan. Please review cement program for interval and adhere to R111Q requirements.** The minimum required fill of cement behind the 7-5/8 inch intermediate casing is:

**R-111-Q Figure D:**

Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage within 180 days after well completion in accordance with the **R-111-Q** guidelines.

- a. First stage: Operator will cement intermediate casing with intent to bring cement to top of Brushy Canyon formation.
- b. Second stage: Operator will perform bradenhead squeeze **within 180 days** after completion. Cement shall be tie-back **at least 500 ft.** into intermediate casing and below the Marker Bed 126. If cement does not circulate, the appropriate BLM office shall be notified.

**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, potash or capitan reef.**

4. The 5-1/2 inch production casing shall be set at approximately **24,486 feet**. The minimum required fill of cement behind the 5-1/2 inch production casing is:

**R-111-Q Figure D:**

- Cement should tie-back **500 feet** into the previous casing but not higher than USGS Marker Bed No. 126 and the engineered weak point. Operator must run a CBL from TD of the production casing to surface to verify top of cement. Submit results to the BLM.

**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

**C. PRESSURE CONTROL**

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2.

**Option 1:**

- a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M) psi. Annular which shall be tested to 3500 (70% Working Pressure) psi.**
- b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **10-3/4** intermediate casing shoe shall be **5000 (5M) psi. Annular which shall be tested to 3500 (70% Working Pressure) psi.**
- c. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **7-5/8** inch intermediate 2 casing shoe shall be **10,000 (10M) psi. Variance is approved to use a Choose an item. Annular which shall be tested to 3500 (70% Working Pressure) psi.**
  - Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - Manufacturer representative shall install the test plug for the initial BOP test.
  - If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.

#### **D. SPECIAL REQUIREMENT (S)**

##### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in **43 CFR part 3170 Subpart 3171**
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.

- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

### **Casing Clearance**

Tie back for 500 feet OK.

Operator shall clean up cycles until wellbore is clear of cuttings and any large debris, ensure cutting sizes are less than 0.5 micron before cementing.

## **GENERAL REQUIREMENTS**

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

☒ Eddy County

**EMAIL** or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,

**[BLM\\_NM\\_CFO\\_DrillingNotifications@BLM.GOV](mailto:BLM_NM_CFO_DrillingNotifications@BLM.GOV)**

(575) 361-2822

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - Notify the BLM when moving in and removing the Spudder Rig.
    - Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
    - BOP/BOPE test to be conducted per **43 CFR part 3170 Subpart 3172** as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on

which the draw works are located, this does not include the dog house or stairway area.

3. For at least one well per pad (deepest well preferred) the record of drilling rate (ROP) along with the Gamma Ray (GR) and Neutron (CNL) well logs run from TVD to surface in the vertical section of the hole shall be submitted to the BLM office as well as all other logs run on the full borehole within 30 days from completion. Only digital copies of the logs in .TIF or .LAS formats are necessary; Logs shall be emailed to [blm-cfo-geology@doimspp.onmicrosoft.com](mailto:blm-cfo-geology@doimspp.onmicrosoft.com). The email should have a subject line with the US Well Number / API Number, well name, and the body should include the starting depth and the TVD of the log.

The top of the Rustler, top and bottom of the salt, and the top of the Capitan Reef (if present) are to be recorded on the Completion Report.

#### A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

**B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR part 3170 Subpart 3172 and API STD 53 Sec. 5.3**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.

- c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
  - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)
  - c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
  - d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
  - e. The results of the test shall be reported to the appropriate BLM office.

- f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR part 3170 Subpart 3172**.

#### C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

#### D. WASTE MATERIAL AND FLUIDS

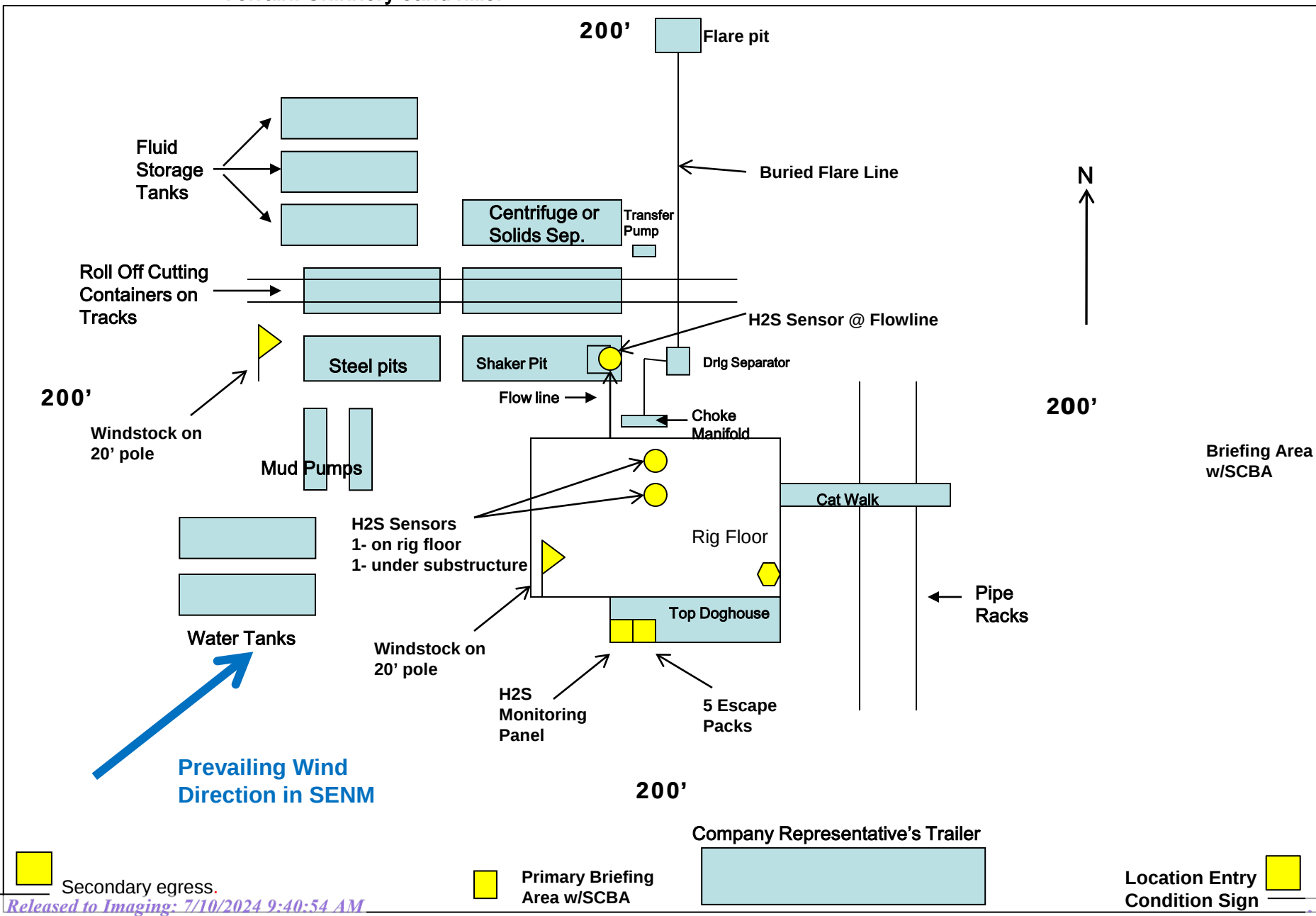
All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

Keith Immatty 6/4/2024

COG Operating LLC  
H<sub>2</sub>S Equipment Schematic  
Terrain: Shinnery sand hills.

Well pad will be 400' x 400'  
with cellar in center of pad



**COG OPERATING LLC**  
**HYDROGEN SULFIDE DRILLING OPERATIONS PLAN**

**1. HYDROGEN SULFIDE TRAINING**

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- a. The hazards and characteristics of hydrogen sulfide (H<sub>2</sub>S).
- b. The proper use and maintenance of personal protective equipment and life support systems.
- c. The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- d. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- a. The effects of H<sub>2</sub>S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- b. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- c. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

**2. H<sub>2</sub>S SAFETY EQUIPMENT AND SYSTEMS**

Note: All H<sub>2</sub>S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H<sub>2</sub>S. If H<sub>2</sub>S greater than 100 ppm is encountered in the gas stream we will shut in and install H<sub>2</sub>S equipment.

- a. Well Control Equipment:
  - Flare line.
  - Choke manifold with remotely operated choke.
  - Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
  - Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.

- b. Protective equipment for essential personnel:  
Mark II Surviveair 30-minute units located in the dog house and at briefing areas.
- c. H2S detection and monitoring equipment:  
2 - portable H2S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 ppm are reached.
- d. Visual warning systems:  
Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.
- e. Mud Program:  
The mud program has been designed to minimize the volume of H2S circulated to the surface.
- f. Metallurgy:  
All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H2S service.
- g. Communication:  
Company vehicles equipped with cellular telephone.

COG OPERATING LLC has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore, we do not believe that an H2S contingency plan is necessary.

# **W A R N I N G**

**YOU ARE ENTERING AN H<sub>2</sub>S AREA  
AUTHORIZED PERSONNEL ONLY**

- 1. BEARDS OR CONTACT LENSES NOT ALLOWED***
- 2. HARD HATS REQUIRED***
- 3. SMOKING IN DESIGNATED AREAS ONLY***
- 4. BE WIND CONSCIOUS AT ALL TIMES***
- 5. CK WITH COG OPERATING LLC FOREMAN AT MAIN OFFICE***

**COG OPERATING LLC**

**1-575-748-6940**

## **EMERGENCY CALL LIST**

|                          | <b><u>OFFICE</u></b> | <b><u>MOBILE</u></b> |
|--------------------------|----------------------|----------------------|
| COG OPERATING LLC OFFICE | 575-748-6940         |                      |
| Dallas Daley             | 432-818-2329         | 432-631-6977         |

## **EMERGENCY RESPONSE NUMBERS**

|                                                  | <b><u>OFFICE</u></b> |
|--------------------------------------------------|----------------------|
| STATE POLICE                                     | 575-748-9718         |
| EDDY COUNTY SHERIFF                              | 575-746-2701         |
| EMERGENCY MEDICAL SERVICES (AMBULANCE)           | 911 or 575-746-2701  |
| EDDY COUNTY EMERGENCY MANAGEMENT (HARRY BURGESS) | 575-887-9511         |
| STATE EMERGENCY RESPONSE CENTER (SERC)           | 575-476-9620         |
| CARLSBAD POLICE DEPARTMENT                       | 575-885-2111         |
| CARLSBAD FIRE DEPARTMENT                         | 575-885-3125         |
| NEW MEXICO OIL CONSERVATION DIVISION             | 575-748-1283         |
| INDIAN FIRE & SAFETY                             | 800-530-8693         |
| HALLIBURTON SERVICES                             | 800-844-8451         |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 352719

CONDITIONS

|                                                                                    |                |
|------------------------------------------------------------------------------------|----------------|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:         |
|                                                                                    | 217817         |
|                                                                                    | Action Number: |
|                                                                                    | 352719         |
| Action Type:                                                                       |                |
| [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)                              |                |

CONDITIONS

| Created By  | Condition                                                                                                                                                                                                                                                            | Condition Date |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| ward.rikala | Notify OCD 24 hours prior to casing & cement                                                                                                                                                                                                                         | 7/10/2024      |
| ward.rikala | Will require a File As Drilled C-102 and a Directional Survey with the C-104                                                                                                                                                                                         | 7/10/2024      |
| ward.rikala | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string | 7/10/2024      |
| ward.rikala | Cement is required to circulate on both surface and intermediate1 strings of casing                                                                                                                                                                                  | 7/10/2024      |
| ward.rikala | If cement does not circulate on any string, a CBL is required for that string of casing                                                                                                                                                                              | 7/10/2024      |
| ward.rikala | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system                  | 7/10/2024      |
| ward.rikala | Must comply with all R-111-Q requirements.                                                                                                                                                                                                                           | 7/10/2024      |