

Form 3160-3  
(October 2024)FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027UNITED 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                                                                                                                                       |                                       | 9. API Well No.<br><b>30-025-55661</b>        |
| 3b. Phone No. (include area code)                                                                                                                 |                                       | 10. Field and Pool, or Exploratory            |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *)<br>At surface<br>At proposed prod. zone            |                                       | 11. Sec., T. R. M. or Blk. and Survey or Area |
| 14. Distance in miles and direction from nearest town or post office*                                                                             |                                       | 12. County or Parish                          |
|                                                                                                                                                   |                                       | 13. State                                     |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)                             | 16. No of acres in lease              | 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)



## Additional Operator Remarks

### Location of Well

0. SHL: NENE / 458 FNL / 1008 FEL / TWSP: 26S / RANGE: 32E / SECTION: 28 / LAT: 32.019602 / LONG: -103.674616 ( TVD: 0 feet, MD: 0 feet )

PPP: NWNE / 100 FNL / 2065 FEL / TWSP: 26S / RANGE: 32E / SECTION: 28 / LAT: 32.020587 / LONG: -103.678025 ( TVD: 12011 feet, MD: 12456 feet )

BHL: LOT 2 / 50 FSL / 2065 FEL / TWSP: 26S / RANGE: 32E / SECTION: 33 / LAT: 32.000362 / LONG: -103.678059 ( TVD: 12011 feet, MD: 19812 feet )

### BLM Point of Contact

Name: JANET D ESTES

Title: ADJUDICATOR

Phone: (575) 234-6233

Email: JESTES@BLM.GOV

|                                                                 |                                                                                                            |                                     |                      |                                                       |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------|-------------------------------------------------------|
| <b>C-102</b><br><br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br><b>OIL CONSERVATION DIVISION</b> |                                     | Revised July 9, 2024 |                                                       |
|                                                                 |                                                                                                            |                                     | Submittal Type:      | <input checked="" type="checkbox"/> Initial Submittal |
|                                                                 |                                                                                                            |                                     |                      | <input type="checkbox"/> Amended Report               |
|                                                                 |                                                                                                            | <input type="checkbox"/> As Drilled |                      |                                                       |

## WELL LOCATION INFORMATION

|                                                                                                                                                        |                                                |                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| API Number<br>30-025- <b>55661</b>                                                                                                                     | Pool Code<br><b>98081</b>                      | Pool Name<br><b>Zia Hills; Wolfcamp</b>                                                                                                                |
| Property Code<br><b>338328</b>                                                                                                                         | Property Name<br><b>ZIA HILLS UNIT 2832 WC</b> | Well Number<br><b>708H</b>                                                                                                                             |
| OGRID No.<br><b>217817</b>                                                                                                                             | Operator Name<br><b>CONOCOPHILLIPS COMPANY</b> | Ground Level Elevation<br><b>3,141'</b>                                                                                                                |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |                                                | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |

## Surface Location

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>A</b> | <b>28</b> | <b>26S</b> | <b>32E</b> |     | <b>458' FNL</b> | <b>1,008' FEL</b> | <b>32.019602°</b> | <b>-103.674616°</b> | <b>LEA</b> |

## Bottom Hole Location

| UL           | Section   | Township   | Range      | Lot | Ft. from N/S   | Ft. from E/W      | Latitude          | Longitude           | County     |
|--------------|-----------|------------|------------|-----|----------------|-------------------|-------------------|---------------------|------------|
| <b>LOT 2</b> | <b>33</b> | <b>26S</b> | <b>32E</b> |     | <b>50' FSL</b> | <b>2,065' FEL</b> | <b>32.000362°</b> | <b>-103.678059°</b> | <b>LEA</b> |

|                                  |                                          |                                          |                                                                                                               |                                   |
|----------------------------------|------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Dedicated Acres<br><b>898.92</b> | Infill or Defining Well<br><b>Infill</b> | Defining Well API<br><b>Pending 802H</b> | Overlapping Spacing Unit (Y/N)                                                                                | Consolidation Code<br><b>Unit</b> |
| Order Numbers. <b>R-20080</b>    |                                          |                                          | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                   |

## Kick Off Point (KOP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>O</b> | <b>21</b> | <b>26S</b> | <b>32E</b> |     | <b>382' FSL</b> | <b>1,963' FEL</b> | <b>32.021914°</b> | <b>-103.677697°</b> | <b>LEA</b> |

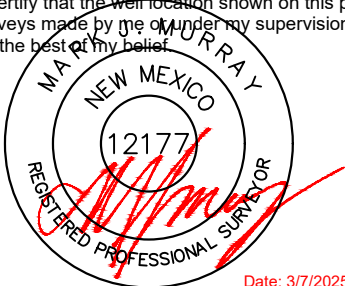
## First Take Point (FTP)

| UL       | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|----------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>B</b> | <b>28</b> | <b>26S</b> | <b>32E</b> |     | <b>100' FNL</b> | <b>2,065' FEL</b> | <b>32.020587°</b> | <b>-103.678025°</b> | <b>LEA</b> |

## Last Take Point (LTP)

| UL           | Section   | Township   | Range      | Lot | Ft. from N/S    | Ft. from E/W      | Latitude          | Longitude           | County     |
|--------------|-----------|------------|------------|-----|-----------------|-------------------|-------------------|---------------------|------------|
| <b>LOT 2</b> | <b>33</b> | <b>26S</b> | <b>32E</b> |     | <b>100' FSL</b> | <b>2,065' FEL</b> | <b>32.000500°</b> | <b>-103.678058°</b> | <b>LEA</b> |

|                                           |                                                                                                    |                         |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                     |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. |  | <b>SURVEYOR CERTIFICATIONS</b><br><br>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. |                                   |
| Signature<br><br>Date<br><b>5/12/25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Signature and Seal of Professional Surveyor<br><br>Date: 3/7/2025                                                                                               |                                   |
| Printed Name<br><b>Stan Wagner</b><br>Email Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Certificate Number<br><b>12177</b>                                                                                                                                                                                                                  | Date of Survey<br><b>3/7/2025</b> |

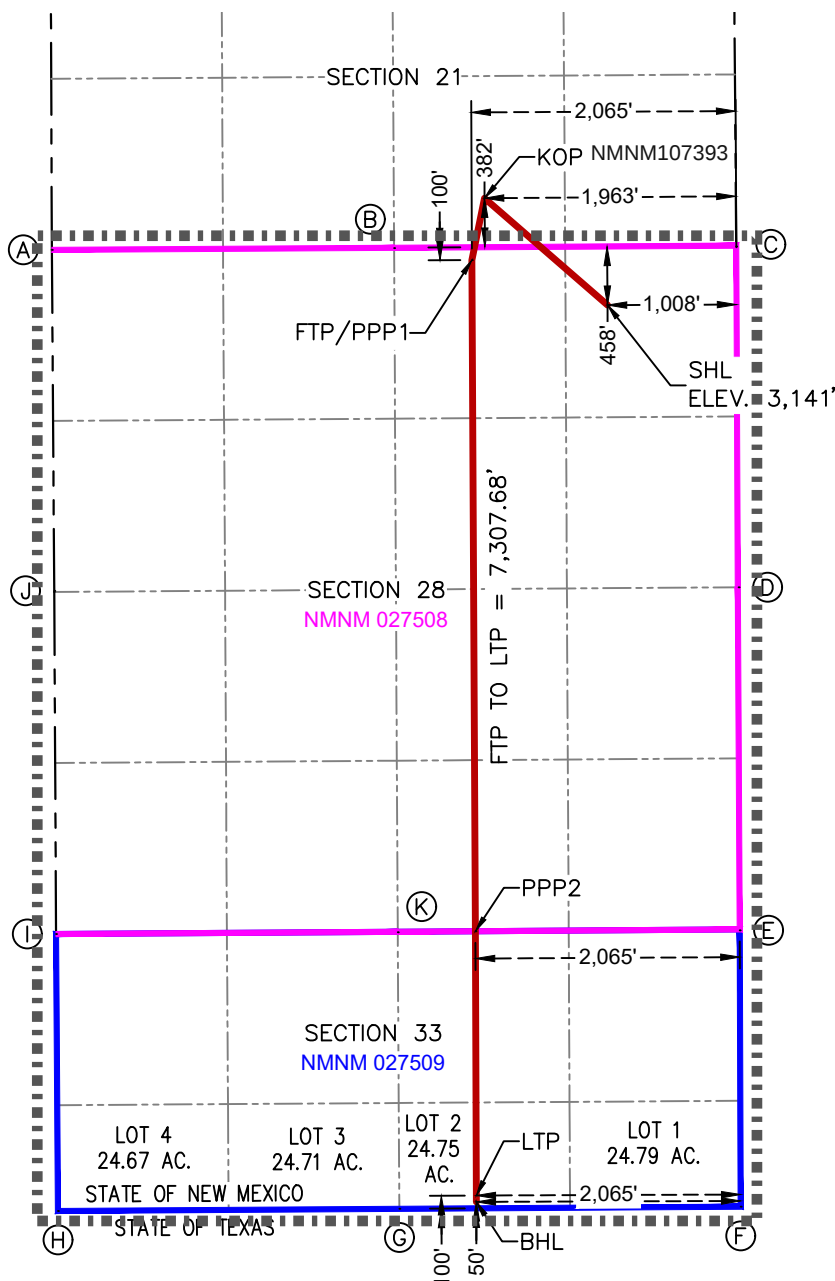
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

## ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

## ZIA HILLS UNIT 2832 WC 708H



**SURFACE HOLE LOCATION**  
458' FNL & 1,008' FEL  
ELEV.=3,141'

NAD 83 X = 745,490.49'  
NAD 83 Y = 371,492.47'  
NAD 83 LAT = 32.019602°  
NAD 83 LONG = -103.674616°

**KICK-OFF POINT**  
382' FSL & 1,963' FEL  
NAD 83 X = 744,530.44'  
NAD 83 Y = 372,327.50'  
NAD 83 LAT = 32.021914°  
NAD 83 LONG = -103.677697°

**FIRST TAKE POINT & PENETRATION POINT 1**  
100' FNL & 2,065' FEL  
NAD 83 X = 744,431.75'  
NAD 83 Y = 371,844.44'  
NAD 83 LAT = 32.020587°  
NAD 83 LONG = -103.678025°

**PENETRATION POINT 2**  
0' FSL & 2,065' FEL  
NAD 83 X = 744,458.33'  
NAD 83 Y = 366,601.15'  
NAD 83 LAT = 32.006174°  
NAD 83 LONG = -103.678042°

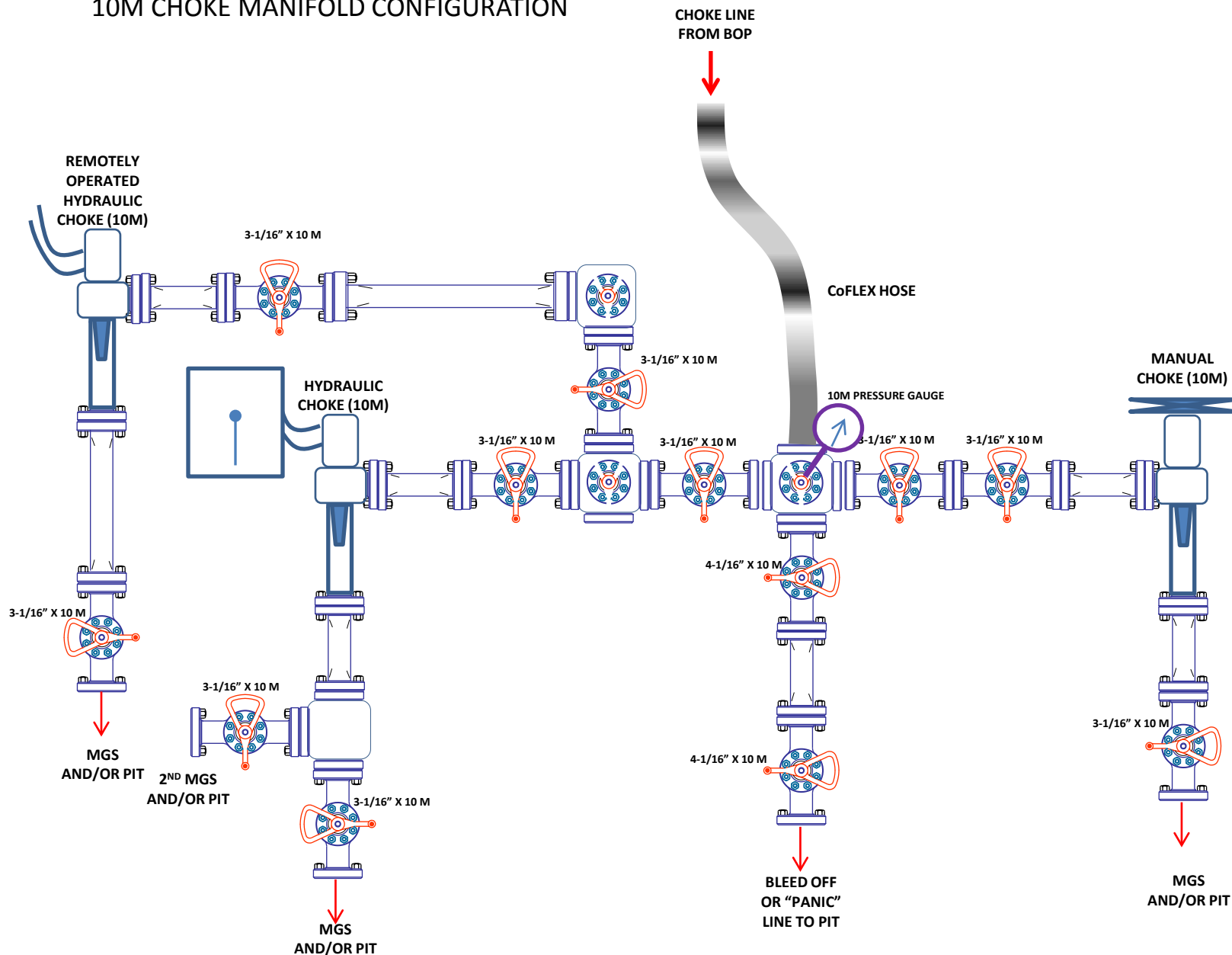
**LAST TAKE POINT**  
100' FSL & 2,065' FEL  
NAD 83 X = 744,465.83'  
NAD 83 Y = 364,536.84'  
NAD 83 LAT = 32.000500°  
NAD 83 LONG = -103.678058°

**BOTTOM HOLE LOCATION**  
50' FSL & 2,065' FEL  
NAD 83 X = 744,466.01'  
NAD 83 Y = 364,486.84'  
NAD 83 LAT = 32.000362°  
NAD 83 LONG = -103.678059°

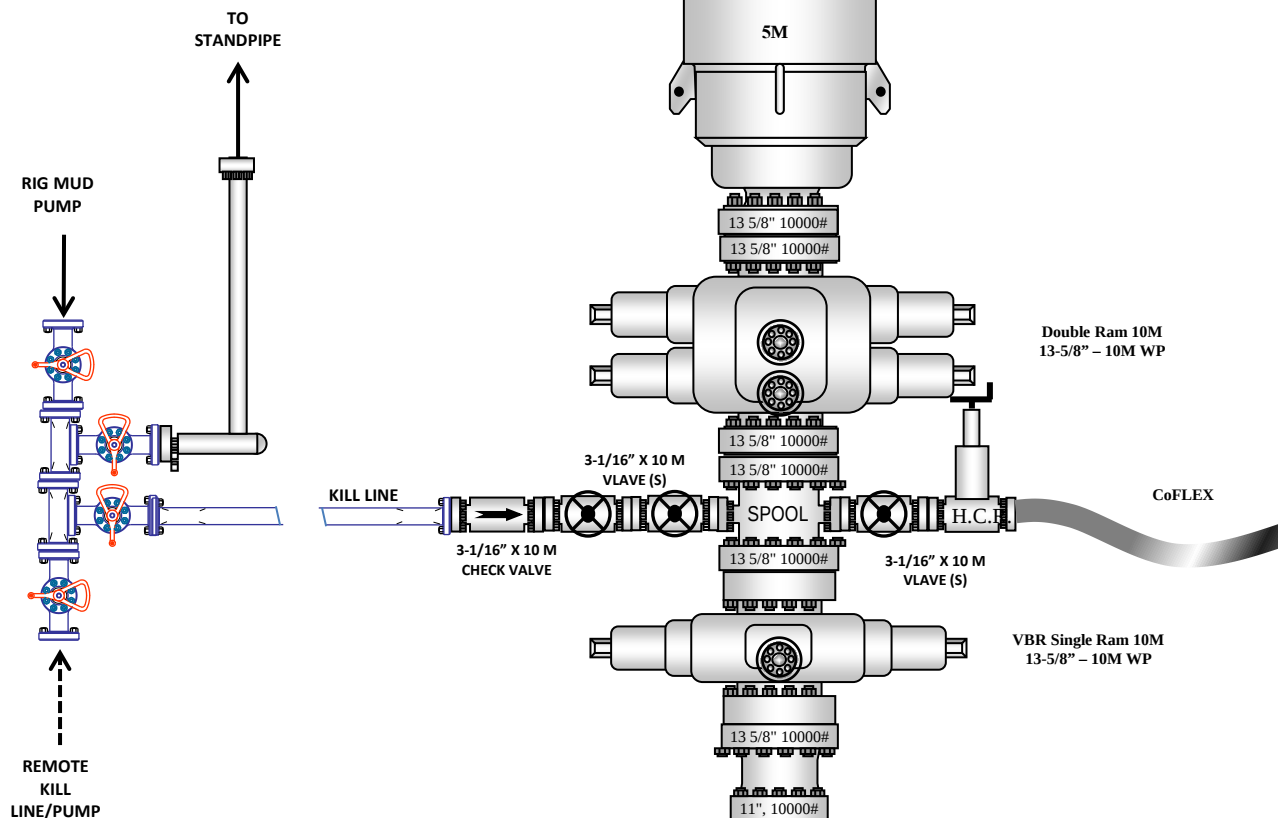
**CORNER COORDINATES  
NEW MEXICO EAST - NAD 83**

|   |                                                      |   |                                                      |   |                                                      |
|---|------------------------------------------------------|---|------------------------------------------------------|---|------------------------------------------------------|
| A | IRON PIPE W/BRASS CAP<br>N:371,924.06' E:741,150.79' | E | IRON PIPE W/BRASS CAP<br>N:366,615.44' E:746,523.28' | I | IRON PIPE W/BRASS CAP<br>N:366,579.65' E:741,183.39' |
| B | IRON PIPE W/BRASS CAP<br>N:371,940.66' E:743,823.97' | F | CALCULATED CORNER<br>N:364,449.93' E:746,531.16'     | J | IRON PIPE W/BRASS CAP<br>N:369,251.80' E:741,169.27' |
| C | IRON PIPE W/BRASS CAP<br>N:371,957.31' E:746,496.25' | G | CALCULATED CORNER<br>N:364,433.03' E:743,864.87'     | K | CALCULATED CORNER<br>N:366,596.96' E:743,852.02'     |
| D | IRON PIPE W/BRASS CAP<br>N:369,288.55' E:746,508.78' | H | CALCULATED CORNER<br>N:364,416.13' E:741,198.04'     |   |                                                      |

## 10M CHOKE MANIFOLD CONFIGURATION



## 10M REMOTE KILL SCHEMATIC



# ConocoPhillips Company - Zia Hills Unit 2832 WC 708H

## 1. Geologic Formations

|               |             |                               |      |
|---------------|-------------|-------------------------------|------|
| TVD of target | 12,011' EOL | Pilot hole depth              | NA   |
| MD at TD:     | 19,813'     | Deepest expected fresh water: | 202' |

| Formation            | Depth (TVD) from KB | Water/Mineral Bearing/ Target Zone? | Hazards* |
|----------------------|---------------------|-------------------------------------|----------|
| Quaternary Fill      | Surface             | Water                               |          |
| Rustler              | 692                 | Water                               |          |
| Top of Salt          | 966                 | Salt                                |          |
| Base of Salt         | 4181                | Salt                                |          |
| Lamar                | 4409                | Salt Water                          |          |
| Bell Canyon          | 4436                | Salt Water                          |          |
| Cherry Canyon        | 5348                | Oil/Gas                             |          |
| Brushy Canyon        | 6800                | Oil/Gas                             |          |
| Bone Spring          | 8482                | Oil/Gas                             |          |
| 1st Bone Spring Sand | 9452                | Oil/Gas                             |          |
| 2nd Bone Spring Sand | 10120               | Oil/Gas                             |          |
| 3rd Bone Spring Sand | 11239               | Oil/Gas                             |          |
| Wolfcamp             | 11617               | Oil/Gas                             |          |
| Wolfcamp A           | 11822               | Target                              |          |
| Wolfcamp B           | 12161               | Not Penetrated                      |          |

## 2. Casing Program

| Hole Size                 | Casing Interval |        | Csg. Size | Weight (lbs) | Grade    | Conn. | SF Collapse | SF Burst | SF Body            | SF Joint           |
|---------------------------|-----------------|--------|-----------|--------------|----------|-------|-------------|----------|--------------------|--------------------|
|                           | From            | To     |           |              |          |       |             |          |                    |                    |
| 17.50"                    | 0               | 820    | 13.375"   | 54.5         | J55      | BTC   | 3.01        | 1.51     | 19.09              | 20.34              |
| 12.25"                    | 0               | 4310   | 9.625"    | 40           | L80-IC   | BTC   | 1.73        | 1.27     | 5.31               | 5.49               |
| 8.75"                     | 4110            | 11550  | 7.625"    | 29.7         | P110-ICY | W513  | 1.23        | 1.53     | 3.11               | 1.87               |
| 6.75"                     | 0               | 11350  | 5.5"      | 23           | P110-CY  | BTC   | 1.82        | 2.13     | 2.79               | 2.79               |
| 6.75"                     | 11350           | 19,813 | 5.5"      | 23           | P110-CY  | W441  | 1.72        | 2.01     | 2.64               | 2.40               |
| 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 43 CFR Part 3170 Subpart 3172

The 5 1/2" W441 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.

## ConocoPhillips Company - Zia Hills Unit 2832 WC 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?                                                                                                             | N      |
| If yes, are the first three strings cemented to surface?                                                                                         |        |
| Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?                                                                               |        |
| 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?                                                                                             |        |

## ConocoPhillips Company - Zia Hills Unit 2832 WC 708H

## 3. Cementing Program

| Casing               | # Sks | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description                            |
|----------------------|-------|----------------|------------------|-------------------------|-----------------------------------|-----------------------------------------------|
| Surf.                | 490   | 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>          |
| Int. #1              | 620   | 12.8           | 1.75             | 9.21                    | 12                                | Lead: Class C + 4% Gel + 1% CaCl <sub>2</sub> |
|                      | 390   | 14.8           | 1.35             | 6.6                     | 8                                 | Tail: Class C + 2% CaCl <sub>2</sub>          |
| Inter. #2<br>(Liner) | 200   | 10.5           | 3.3              | 22                      | 24                                | Tuned light                                   |
|                      | 90    | 14.8           | 1.35             | 6.6                     | 8                                 | Tail: Class H                                 |
| Prod                 | 810   | 12.5           | 1.48             | 10.7                    | 72                                | Lead: 50:50:10 H Blend                        |
|                      | 640   | 13.2           | 1.34             | 5.7                     | 19                                | Tail: 50:50:2 Class H Blend                   |

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%                            |
| 1 <sup>st</sup> Intermediate | 0'      | 50%                            |
| 2 <sup>nd</sup> Intermediate | 4,110'  | 20%                            |
| Production                   | 11,050' | 20% OH in Lateral (KOP to EOL) |

## ConocoPhillips Company - Zia Hills Unit 2832 WC 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.                                      |
| Y | A variance is requested for the use of BOPE break testing on intermediate skids (in accordance with the 30 day full BOPE test requirements). |

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       | x | Tested to: |
|------------------------------------------------------|---------|------------------|------------|---|------------|
| 12-1/4" or 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 43 CFR Part 3170 Subpart 3172 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><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 43 CFR Part 3170 Subpart 3172. |
| 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 43 CFR Part 3170 Subpart 3172 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.                          |

## ConocoPhillips Company - Zia Hills Unit 2832 WC 708H

## 5. Mud Program

| Depth           |                 | Type   | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-----------------|--------|--------------|-----------|------------|
| From            | To              |        |              |           |            |
| 0               | Surf. Shoe      | FW Gel | 8.6 - 8.8    | 28-34     | N/C        |
| Surf csg        | 9-5/8" Int shoe | Brine  | 8.4 - 10     | 28-34     | N/C        |
| 9-5/8" Int shoe | 7-5/8" Int shoe | Brine  | 8.4 - 10     | 28-34     | N/C        |
| 7-5/8" Int shoe | Lateral TD      | OBM    | 9.6 - 13.5   | 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                                       |
| N                       | CBL         | Production casing<br>(If cement not circulated to surface) |
| Y                       | Mud log     | Intermediate shoe to TD                                    |
| N                       | PEX         |                                                            |

**ConocoPhillips Company - Zia Hills Unit 2832 WC 708H****7. Drilling Conditions**

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 8435 psi at 12011' TVD       |
| Abnormal Temperature       | NO 175 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 43 CFR Part 3170 Subpart 3176. 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        |

**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**

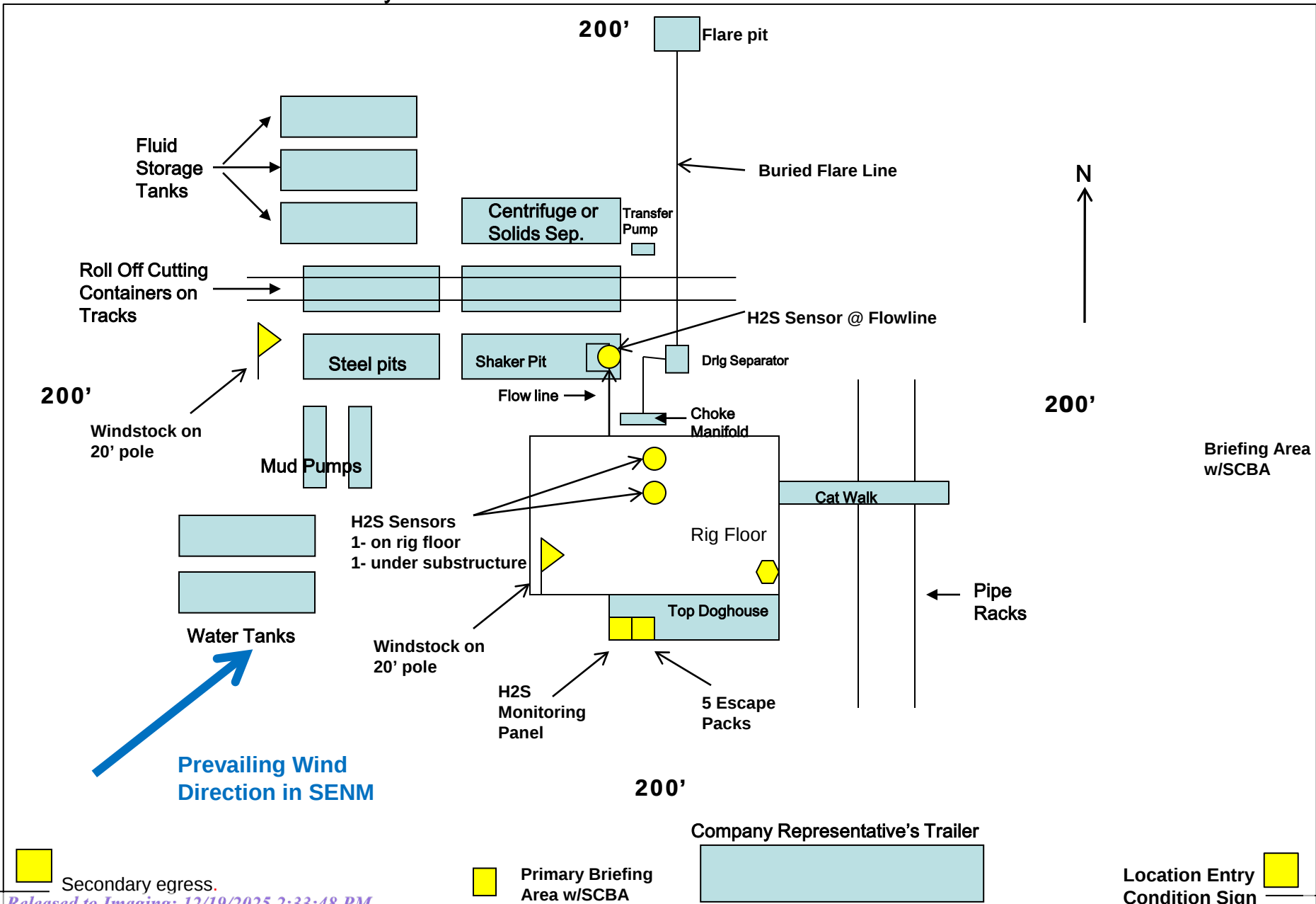
|                          | <b><u>OFFICE</u></b> | <b><u>MOBILE</u></b> |
|--------------------------|----------------------|----------------------|
| COG OPERATING LLC OFFICE | 575-748-6940         |                      |
| Dallas Daley             | 432-818-2329         | 432-631-6977         |

## **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         |

**COC 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**



# **DELAWARE BASIN EAST**

**ZIA HILLS UNIT AREA**

**ZIA HILLS UNIT 2832 PROJECT**

**\_ZIA HILLS UNIT 2832 WC 708H**

**OWB**

**Plan: PWP0**

## **Standard Planning Report**

**26 February, 2025**

ConocoPhillips

Planning Report

|           |                              |                              |                                   |
|-----------|------------------------------|------------------------------|-----------------------------------|
| Database: | EDT 17 Permian Prod          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Company:  | DELAWARE BASIN EAST          | TVD Reference:               | KB @ 3171.0usft                   |
| Project:  | ZIA HILLS UNIT AREA          | MD Reference:                | KB @ 3171.0usft                   |
| Site:     | ZIA HILLS UNIT 2832 PROJECT  | North Reference:             | Grid                              |
| Well:     | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Wellbore: | OWB                          |                              |                                   |
| Design:   | PWP0                         |                              |                                   |

|           |            |             |                 |               |                     |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | OWB        |             |                 |               |                     |
|           |            |             |                 |               |                     |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | BGGM2024   | 10/9/2024   | 6.27            | 59.51         | 47,134.54001384     |

|                   |                            |                 |                 |                  |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Design            | PWP0                       |                 |                 |                  |
| Audit Notes:      |                            |                 |                 |                  |
| Version:          | Phase:                     | PLAN            | Tie On Depth:   | 0.0              |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |
|                   | 0.0                        | 0.0             | 0.0             | 188.32           |

|                          |                    |                     |              |                       |  |
|--------------------------|--------------------|---------------------|--------------|-----------------------|--|
| Plan Survey Tool Program |                    | Date                | 2/25/2025    |                       |  |
| Depth From<br>(usft)     | Depth To<br>(usft) | Survey (Wellbore)   | Tool Name    | Remarks               |  |
| 1                        | 0.0                | 19,811.9 PWP0 (OWB) | r.5 MWD+IFR1 | OWSG MWD + IFR1 rev.5 |  |

|                             |                    |                |                             |                 |                 |                               |                              |                             |            |        |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|-----------------------------|------------|--------|
| Plan Sections               |                    |                |                             |                 |                 |                               |                              |                             |            |        |
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) | TFO<br>(°) | Target |
| 0.0                         | 0.00               | 0.00           | 0.0                         | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 2,000.0                     | 0.00               | 0.00           | 2,000.0                     | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 2,333.3                     | 5.00               | 15.00          | 2,332.9                     | 14.0            | 3.8             | 1.50                          | 1.50                         | 0.00                        | 15.00      |        |
| 3,040.0                     | 15.44              | 309.15         | 3,029.0                     | 103.6           | -61.6           | 2.00                          | 1.48                         | -9.32                       | -84.24     |        |
| 6,614.6                     | 15.44              | 309.15         | 6,474.6                     | 704.4           | -799.6          | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 8,158.6                     | 0.00               | 0.00           | 8,000.0                     | 835.0           | -960.0          | 1.00                          | -1.00                        | 0.00                        | 180.00     |        |
| 11,692.1                    | 0.00               | 0.00           | 11,533.5                    | 835.0           | -960.0          | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 12,442.1                    | 90.00              | 188.90         | 12,011.0                    | 363.3           | -1,033.9        | 12.00                         | 12.00                        | 0.00                        | 188.90     |        |
| 12,905.2                    | 90.00              | 179.64         | 12,011.0                    | -98.0           | -1,068.3        | 2.00                          | 0.00                         | -2.00                       | -90.00     |        |
| 19,812.8                    | 90.00              | 179.64         | 12,011.0                    | -7,005.5        | -1,024.7        | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                   |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Company:</b>  | DELAWARE BASIN EAST          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Project:</b>  | ZIA HILLS UNIT AREA          | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site:</b>     | ZIA HILLS UNIT 2832 PROJECT  | <b>North Reference:</b>             | Grid                              |
| <b>Well:</b>     | _ZIA HILLS UNIT 2832 WC 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) |
| 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               | 1.50            | 15.00       | 2,100.0               | 1.3          | 0.3          | -1.3                    | 1.50                    | 1.50                   | 0.00                  |
| 2,200.0               | 3.00            | 15.00       | 2,199.9               | 5.1          | 1.4          | -5.2                    | 1.50                    | 1.50                   | 0.00                  |
| 2,300.0               | 4.50            | 15.00       | 2,299.7               | 11.4         | 3.0          | -11.7                   | 1.50                    | 1.50                   | 0.00                  |
| 2,333.3               | 5.00            | 15.00       | 2,332.9               | 14.0         | 3.8          | -14.4                   | 1.50                    | 1.50                   | 0.00                  |
| 2,400.0               | 5.30            | 0.49        | 2,399.3               | 19.9         | 4.5          | -20.4                   | 2.00                    | 0.45                   | -21.76                |
| 2,500.0               | 6.28            | 343.07      | 2,498.8               | 29.8         | 3.0          | -29.9                   | 2.00                    | 0.98                   | -17.42                |
| 2,600.0               | 7.66            | 331.09      | 2,598.1               | 40.8         | -1.8         | -40.2                   | 2.00                    | 1.38                   | -11.98                |
| 2,700.0               | 9.27            | 322.99      | 2,697.0               | 53.1         | -9.9         | -51.1                   | 2.00                    | 1.61                   | -8.10                 |
| 2,800.0               | 11.01           | 317.35      | 2,795.4               | 66.6         | -21.2        | -62.8                   | 2.00                    | 1.74                   | -5.64                 |
| 2,900.0               | 12.83           | 313.26      | 2,893.3               | 81.2         | -35.8        | -75.2                   | 2.00                    | 1.81                   | -4.09                 |
| 3,000.0               | 14.69           | 310.17      | 2,990.4               | 97.0         | -53.6        | -88.2                   | 2.00                    | 1.86                   | -3.08                 |
| 3,040.0               | 15.44           | 309.15      | 3,029.0               | 103.6        | -61.6        | -93.6                   | 2.00                    | 1.89                   | -2.57                 |
| 3,100.0               | 15.44           | 309.15      | 3,086.8               | 113.7        | -73.9        | -101.8                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 15.44           | 309.15      | 3,183.2               | 130.5        | -94.6        | -115.5                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 15.44           | 309.15      | 3,279.6               | 147.3        | -115.2       | -129.1                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 15.44           | 309.15      | 3,376.0               | 164.1        | -135.9       | -142.7                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 15.44           | 309.15      | 3,472.4               | 180.9        | -156.5       | -156.4                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 15.44           | 309.15      | 3,568.8               | 197.8        | -177.2       | -170.0                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 15.44           | 309.15      | 3,665.2               | 214.6        | -197.8       | -183.7                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 15.44           | 309.15      | 3,761.6               | 231.4        | -218.5       | -197.3                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 15.44           | 309.15      | 3,858.0               | 248.2        | -239.1       | -211.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 15.44           | 309.15      | 3,954.4               | 265.0        | -259.8       | -224.6                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 15.44           | 309.15      | 4,050.8               | 281.8        | -280.4       | -238.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 15.44           | 309.15      | 4,147.1               | 298.6        | -301.1       | -251.9                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 15.44           | 309.15      | 4,243.5               | 315.4        | -321.7       | -265.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 15.44           | 309.15      | 4,339.9               | 332.2        | -342.4       | -279.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 15.44           | 309.15      | 4,436.3               | 349.0        | -363.0       | -292.8                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 15.44           | 309.15      | 4,532.7               | 365.8        | -383.7       | -306.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 15.44           | 309.15      | 4,629.1               | 382.6        | -404.3       | -320.1                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 15.44           | 309.15      | 4,725.5               | 399.5        | -425.0       | -333.7                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 15.44           | 309.15      | 4,821.9               | 416.3        | -445.6       | -347.4                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 15.44           | 309.15      | 4,918.3               | 433.1        | -466.3       | -361.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 15.44           | 309.15      | 5,014.7               | 449.9        | -486.9       | -374.7                  | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                   |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Company:</b>  | DELAWARE BASIN EAST          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Project:</b>  | ZIA HILLS UNIT AREA          | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site:</b>     | ZIA HILLS UNIT 2832 PROJECT  | <b>North Reference:</b>             | Grid                              |
| <b>Well:</b>     | _ZIA HILLS UNIT 2832 WC 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) |  |
| 5,200.0               | 15.44           | 309.15      | 5,111.1               | 466.7        | -507.5       | -388.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,300.0               | 15.44           | 309.15      | 5,207.4               | 483.5        | -528.2       | -402.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0               | 15.44           | 309.15      | 5,303.8               | 500.3        | -548.8       | -415.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0               | 15.44           | 309.15      | 5,400.2               | 517.1        | -569.5       | -429.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0               | 15.44           | 309.15      | 5,496.6               | 533.9        | -590.1       | -442.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0               | 15.44           | 309.15      | 5,593.0               | 550.7        | -610.8       | -456.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0               | 15.44           | 309.15      | 5,689.4               | 567.5        | -631.4       | -470.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0               | 15.44           | 309.15      | 5,785.8               | 584.3        | -652.1       | -483.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0               | 15.44           | 309.15      | 5,882.2               | 601.1        | -672.7       | -497.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0               | 15.44           | 309.15      | 5,978.6               | 618.0        | -693.4       | -511.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0               | 15.44           | 309.15      | 6,075.0               | 634.8        | -714.0       | -524.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,300.0               | 15.44           | 309.15      | 6,171.3               | 651.6        | -734.7       | -538.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,400.0               | 15.44           | 309.15      | 6,267.7               | 668.4        | -755.3       | -552.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,500.0               | 15.44           | 309.15      | 6,364.1               | 685.2        | -776.0       | -565.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,600.0               | 15.44           | 309.15      | 6,460.5               | 702.0        | -796.6       | -579.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,614.6               | 15.44           | 309.15      | 6,474.6               | 704.4        | -799.6       | -581.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,700.0               | 14.59           | 309.15      | 6,557.1               | 718.4        | -816.8       | -592.6                  | 1.00                    | -1.00                  | 0.00                  |  |
| 6,800.0               | 13.59           | 309.15      | 6,654.1               | 733.8        | -835.7       | -605.1                  | 1.00                    | -1.00                  | 0.00                  |  |
| 6,900.0               | 12.59           | 309.15      | 6,751.5               | 748.1        | -853.2       | -616.7                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,000.0               | 11.59           | 309.15      | 6,849.3               | 761.3        | -869.5       | -627.4                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,100.0               | 10.59           | 309.15      | 6,947.4               | 773.4        | -884.4       | -637.3                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,200.0               | 9.59            | 309.15      | 7,045.8               | 784.5        | -898.0       | -646.3                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,300.0               | 8.59            | 309.15      | 7,144.6               | 794.5        | -910.2       | -654.4                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,400.0               | 7.59            | 309.15      | 7,243.6               | 803.3        | -921.1       | -661.6                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,500.0               | 6.59            | 309.15      | 7,342.8               | 811.1        | -930.7       | -667.9                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,600.0               | 5.59            | 309.15      | 7,442.3               | 817.8        | -938.9       | -673.3                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,700.0               | 4.59            | 309.15      | 7,541.9               | 823.4        | -945.8       | -677.9                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,800.0               | 3.59            | 309.15      | 7,641.6               | 827.9        | -951.3       | -681.5                  | 1.00                    | -1.00                  | 0.00                  |  |
| 7,900.0               | 2.59            | 309.15      | 7,741.5               | 831.3        | -955.5       | -684.3                  | 1.00                    | -1.00                  | 0.00                  |  |
| 8,000.0               | 1.59            | 309.15      | 7,841.4               | 833.6        | -958.3       | -686.1                  | 1.00                    | -1.00                  | 0.00                  |  |
| 8,100.0               | 0.59            | 309.15      | 7,941.4               | 834.8        | -959.8       | -687.1                  | 1.00                    | -1.00                  | 0.00                  |  |
| 8,158.6               | 0.00            | 0.00        | 8,000.0               | 835.0        | -960.0       | -687.3                  | 1.00                    | -1.00                  | 0.00                  |  |
| 8,200.0               | 0.00            | 0.00        | 8,041.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,300.0               | 0.00            | 0.00        | 8,141.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,400.0               | 0.00            | 0.00        | 8,241.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,500.0               | 0.00            | 0.00        | 8,341.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.0               | 0.00            | 0.00        | 8,441.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,700.0               | 0.00            | 0.00        | 8,541.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.0               | 0.00            | 0.00        | 8,641.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.0               | 0.00            | 0.00        | 8,741.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.0               | 0.00            | 0.00        | 8,841.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.0               | 0.00            | 0.00        | 8,941.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.0               | 0.00            | 0.00        | 9,041.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.0               | 0.00            | 0.00        | 9,141.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.0               | 0.00            | 0.00        | 9,241.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.0               | 0.00            | 0.00        | 9,341.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.0               | 0.00            | 0.00        | 9,441.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.0               | 0.00            | 0.00        | 9,541.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.0               | 0.00            | 0.00        | 9,641.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.0               | 0.00            | 0.00        | 9,741.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.0              | 0.00            | 0.00        | 9,841.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.0              | 0.00            | 0.00        | 9,941.4               | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.0              | 0.00            | 0.00        | 10,041.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.0              | 0.00            | 0.00        | 10,141.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                   |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Company:</b>  | DELAWARE BASIN EAST          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Project:</b>  | ZIA HILLS UNIT AREA          | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site:</b>     | ZIA HILLS UNIT 2832 PROJECT  | <b>North Reference:</b>             | Grid                              |
| <b>Well:</b>     | _ZIA HILLS UNIT 2832 WC 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) |
| 10,400.0              | 0.00            | 0.00        | 10,241.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 0.00            | 0.00        | 10,341.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 0.00            | 0.00        | 10,441.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 0.00            | 0.00        | 10,541.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 0.00            | 0.00        | 10,641.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 0.00            | 0.00        | 10,741.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 0.00            | 0.00        | 10,841.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 0.00            | 0.00        | 10,941.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 0.00            | 0.00        | 11,041.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 0.00            | 0.00        | 11,141.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 0.00            | 0.00        | 11,241.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 0.00            | 0.00        | 11,341.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 0.00            | 0.00        | 11,441.4              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,692.1              | 0.00            | 0.00        | 11,533.5              | 835.0        | -960.0       | -687.3                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 0.94            | 188.90      | 11,541.4              | 834.9        | -960.0       | -687.2                  | 12.00                   | 12.00                  | 0.00                  |
| 11,800.0              | 12.94           | 188.90      | 11,640.5              | 823.0        | -961.9       | -675.1                  | 12.00                   | 12.00                  | 0.00                  |
| 11,900.0              | 24.94           | 188.90      | 11,734.9              | 791.0        | -966.9       | -642.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,000.0              | 36.94           | 188.90      | 11,820.5              | 740.3        | -974.8       | -591.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,100.0              | 48.94           | 188.90      | 11,893.5              | 673.1        | -985.4       | -523.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0              | 60.94           | 188.90      | 11,950.9              | 592.4        | -998.0       | -441.7                  | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0              | 72.94           | 188.90      | 11,990.0              | 501.6        | -1,012.2     | -349.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,400.0              | 84.94           | 188.90      | 12,009.1              | 404.9        | -1,027.4     | -251.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,442.1              | 90.00           | 188.90      | 12,011.0              | 363.3        | -1,033.9     | -209.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,500.0              | 90.00           | 187.74      | 12,011.0              | 306.0        | -1,042.2     | -151.9                  | 2.00                    | 0.00                   | -2.00                 |
| 12,600.0              | 90.00           | 185.74      | 12,011.0              | 206.7        | -1,054.0     | -52.0                   | 2.00                    | 0.00                   | -2.00                 |
| 12,700.0              | 90.00           | 183.74      | 12,011.0              | 107.1        | -1,062.3     | 47.8                    | 2.00                    | 0.00                   | -2.00                 |
| 12,800.0              | 90.00           | 181.74      | 12,011.0              | 7.2          | -1,067.0     | 147.3                   | 2.00                    | 0.00                   | -2.00                 |
| 12,900.0              | 90.00           | 179.74      | 12,011.0              | -92.8        | -1,068.3     | 246.5                   | 2.00                    | 0.00                   | -2.00                 |
| 12,905.2              | 90.00           | 179.64      | 12,011.0              | -98.0        | -1,068.3     | 251.6                   | 2.00                    | 0.00                   | -2.00                 |
| 13,000.0              | 90.00           | 179.64      | 12,011.0              | -192.8       | -1,067.7     | 345.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.64      | 12,011.0              | -292.8       | -1,067.1     | 444.2                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.64      | 12,011.0              | -392.8       | -1,066.4     | 543.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 179.64      | 12,011.0              | -492.8       | -1,065.8     | 641.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 179.64      | 12,011.0              | -592.8       | -1,065.2     | 740.7                   | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 179.64      | 12,011.0              | -692.8       | -1,064.6     | 839.6                   | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 179.64      | 12,011.0              | -792.8       | -1,063.9     | 938.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 179.64      | 12,011.0              | -892.8       | -1,063.3     | 1,037.3                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 179.64      | 12,011.0              | -992.8       | -1,062.7     | 1,136.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 179.64      | 12,011.0              | -1,092.8     | -1,062.0     | 1,235.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 179.64      | 12,011.0              | -1,192.8     | -1,061.4     | 1,333.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 179.64      | 12,011.0              | -1,292.8     | -1,060.8     | 1,432.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 179.64      | 12,011.0              | -1,392.8     | -1,060.1     | 1,531.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 179.64      | 12,011.0              | -1,492.8     | -1,059.5     | 1,630.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 179.64      | 12,011.0              | -1,592.8     | -1,058.9     | 1,729.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 179.64      | 12,011.0              | -1,692.8     | -1,058.2     | 1,828.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 179.64      | 12,011.0              | -1,792.8     | -1,057.6     | 1,927.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 179.64      | 12,011.0              | -1,892.8     | -1,057.0     | 2,025.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 179.64      | 12,011.0              | -1,992.8     | -1,056.4     | 2,124.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 179.64      | 12,011.0              | -2,092.8     | -1,055.7     | 2,223.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 179.64      | 12,011.0              | -2,192.8     | -1,055.1     | 2,322.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 179.64      | 12,011.0              | -2,292.8     | -1,054.5     | 2,421.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 179.64      | 12,011.0              | -2,392.8     | -1,053.8     | 2,520.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 179.64      | 12,011.0              | -2,492.8     | -1,053.2     | 2,618.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 179.64      | 12,011.0              | -2,592.8     | -1,052.6     | 2,717.8                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                   |
|------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Company:</b>  | DELAWARE BASIN EAST          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Project:</b>  | ZIA HILLS UNIT AREA          | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site:</b>     | ZIA HILLS UNIT 2832 PROJECT  | <b>North Reference:</b>             | Grid                              |
| <b>Well:</b>     | _ZIA HILLS UNIT 2832 WC 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) |  |
| 15,500.0              | 90.00           | 179.64      | 12,011.0              | -2,692.7     | -1,051.9     | 2,816.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0              | 90.00           | 179.64      | 12,011.0              | -2,792.7     | -1,051.3     | 2,915.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0              | 90.00           | 179.64      | 12,011.0              | -2,892.7     | -1,050.7     | 3,014.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0              | 90.00           | 179.64      | 12,011.0              | -2,992.7     | -1,050.1     | 3,113.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0              | 90.00           | 179.64      | 12,011.0              | -3,092.7     | -1,049.4     | 3,212.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0              | 90.00           | 179.64      | 12,011.0              | -3,192.7     | -1,048.8     | 3,310.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0              | 90.00           | 179.64      | 12,011.0              | -3,292.7     | -1,048.2     | 3,409.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0              | 90.00           | 179.64      | 12,011.0              | -3,392.7     | -1,047.5     | 3,508.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0              | 90.00           | 179.64      | 12,011.0              | -3,492.7     | -1,046.9     | 3,607.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0              | 90.00           | 179.64      | 12,011.0              | -3,592.7     | -1,046.3     | 3,706.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0              | 90.00           | 179.64      | 12,011.0              | -3,692.7     | -1,045.6     | 3,805.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0              | 90.00           | 179.64      | 12,011.0              | -3,792.7     | -1,045.0     | 3,904.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0              | 90.00           | 179.64      | 12,011.0              | -3,892.7     | -1,044.4     | 4,002.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0              | 90.00           | 179.64      | 12,011.0              | -3,992.7     | -1,043.7     | 4,101.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0              | 90.00           | 179.64      | 12,011.0              | -4,092.7     | -1,043.1     | 4,200.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0              | 90.00           | 179.64      | 12,011.0              | -4,192.7     | -1,042.5     | 4,299.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0              | 90.00           | 179.64      | 12,011.0              | -4,292.7     | -1,041.9     | 4,398.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0              | 90.00           | 179.64      | 12,011.0              | -4,392.7     | -1,041.2     | 4,497.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.0              | 90.00           | 179.64      | 12,011.0              | -4,492.7     | -1,040.6     | 4,596.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,400.0              | 90.00           | 179.64      | 12,011.0              | -4,592.7     | -1,040.0     | 4,694.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.0              | 90.00           | 179.64      | 12,011.0              | -4,692.7     | -1,039.3     | 4,793.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.0              | 90.00           | 179.64      | 12,011.0              | -4,792.7     | -1,038.7     | 4,892.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,700.0              | 90.00           | 179.64      | 12,011.0              | -4,892.7     | -1,038.1     | 4,991.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,800.0              | 90.00           | 179.64      | 12,011.0              | -4,992.7     | -1,037.4     | 5,090.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,900.0              | 90.00           | 179.64      | 12,011.0              | -5,092.7     | -1,036.8     | 5,189.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,000.0              | 90.00           | 179.64      | 12,011.0              | -5,192.7     | -1,036.2     | 5,288.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,100.0              | 90.00           | 179.64      | 12,011.0              | -5,292.7     | -1,035.5     | 5,386.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,200.0              | 90.00           | 179.64      | 12,011.0              | -5,392.7     | -1,034.9     | 5,485.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.0              | 90.00           | 179.64      | 12,011.0              | -5,492.7     | -1,034.3     | 5,584.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.0              | 90.00           | 179.64      | 12,011.0              | -5,592.7     | -1,033.7     | 5,683.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,500.0              | 90.00           | 179.64      | 12,011.0              | -5,692.7     | -1,033.0     | 5,782.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,600.0              | 90.00           | 179.64      | 12,011.0              | -5,792.7     | -1,032.4     | 5,881.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,700.0              | 90.00           | 179.64      | 12,011.0              | -5,892.7     | -1,031.8     | 5,980.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,800.0              | 90.00           | 179.64      | 12,011.0              | -5,992.7     | -1,031.1     | 6,078.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,900.0              | 90.00           | 179.64      | 12,011.0              | -6,092.7     | -1,030.5     | 6,177.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,000.0              | 90.00           | 179.64      | 12,011.0              | -6,192.7     | -1,029.9     | 6,276.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,100.0              | 90.00           | 179.64      | 12,011.0              | -6,292.7     | -1,029.2     | 6,375.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,200.0              | 90.00           | 179.64      | 12,011.0              | -6,392.7     | -1,028.6     | 6,474.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,300.0              | 90.00           | 179.64      | 12,011.0              | -6,492.7     | -1,028.0     | 6,573.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,400.0              | 90.00           | 179.64      | 12,011.0              | -6,592.7     | -1,027.4     | 6,671.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,500.0              | 90.00           | 179.64      | 12,011.0              | -6,692.7     | -1,026.7     | 6,770.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,600.0              | 90.00           | 179.64      | 12,011.0              | -6,792.7     | -1,026.1     | 6,869.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,700.0              | 90.00           | 179.64      | 12,011.0              | -6,892.7     | -1,025.5     | 6,968.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,800.0              | 90.00           | 179.64      | 12,011.0              | -6,992.7     | -1,024.8     | 7,067.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,812.8              | 90.00           | 179.64      | 12,011.0              | -7,005.5     | -1,024.7     | 7,080.0                 | 0.00                    | 0.00                   | 0.00                  |  |

ConocoPhillips  
Planning Report

|           |                              |                              |                                   |
|-----------|------------------------------|------------------------------|-----------------------------------|
| Database: | EDT 17 Permian Prod          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Company:  | DELAWARE BASIN EAST          | TVD Reference:               | KB @ 3171.0usft                   |
| Project:  | ZIA HILLS UNIT AREA          | MD Reference:                | KB @ 3171.0usft                   |
| Site:     | ZIA HILLS UNIT 2832 PROJECT  | North Reference:             | Grid                              |
| Well:     | _ZIA HILLS UNIT 2832 WC 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)     |                 |                   |
| LTP_ZHU 2832 708H                                                                            | 90.00     | 0.00     | 12,011.0 | -6,955.5 | -1,024.9 | 364,479.95 | 703,278.22 | 32° 0' 1.347 N  | 103° 40' 39.322 W |
| - plan misses target center by 0.1usft at 19762.8usft MD (12011.0 TVD, -6955.5 N, -1025.1 E) |           |          |          |          |          |            |            |                 |                   |
| - Circle (radius 50.0)                                                                       |           |          |          |          |          |            |            |                 |                   |
| PBHL_ZHU 2832 708H                                                                           | 0.00      | 359.64   | 12,011.0 | -7,005.5 | -1,024.7 | 364,429.95 | 703,278.40 | 32° 0' 0.852 N  | 103° 40' 39.324 W |
| - plan hits target center                                                                    |           |          |          |          |          |            |            |                 |                   |
| - Rectangle (sides W100.0 H7,357.7 D20.0)                                                    |           |          |          |          |          |            |            |                 |                   |
| FTP_ZHU 2832 708H                                                                            | 0.00      | 0.00     | 12,011.0 | 352.0    | -1,058.7 | 371,787.37 | 703,244.45 | 32° 1' 13.664 N | 103° 40' 39.200 W |
| - plan misses target center by 22.8usft at 12456.9usft MD (12011.0 TVD, 348.7 N, -1036.1 E)  |           |          |          |          |          |            |            |                 |                   |
| - Circle (radius 50.0)                                                                       |           |          |          |          |          |            |            |                 |                   |

| Casing Points |                       |                       |                          |                     |                   |
|---------------|-----------------------|-----------------------|--------------------------|---------------------|-------------------|
|               | Measured Depth (usft) | Vertical Depth (usft) | Name                     | Casing Diameter (") | Hole Diameter (") |
|               | 19,812.8              | 12,011.0              | 5-1/2" Production Casing | 5-1/2               | 6                 |

# **DELAWARE BASIN EAST**

**ZIA HILLS UNIT AREA**

**ZIA HILLS UNIT 2832 PROJECT**

**\_ZIA HILLS UNIT 2832 WC 708H**

**OWB**

**PWP0**

## **Anticollision Report**

**26 February, 2025**

## ConocoPhillips

## Anticollision Report

|                           |                              |                                     |                                   |
|---------------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

| Reference                    | PWP0                                                                |                |                       |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                       |
| Interpolation Method:        | MD + Stations Interval 100.0usft                                    | Error Model:   | ISCWSA                |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D   |
| Results Limited by:          | Max. Cent. Dist. of 1,000.0usft or Max. Ell. Sep. of 500.0usft      | Error Surface: | Combined Pedal Curve  |
| Warning Levels Evaluated at: | 2.79 Sigma                                                          | Casing Method: | Added to Error Values |

| Survey Tool Program |              | Date              | 2/25/2025    |                       |  |
|---------------------|--------------|-------------------|--------------|-----------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name    | Description           |  |
| 0.0                 | 19,811.9     | PWP0 (OWB)        | r.5 MWD+IFR1 | OWSG MWD + IFR1 rev.5 |  |

| Summary                                           |                                 |                              |                                 |                                  |                                             |              |
|---------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|---------------------------------------------|--------------|
| Site Name                                         | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor                           | Warning      |
| <b>Offset Well - Wellbore - Design</b>            |                                 |                              |                                 |                                  |                                             |              |
| BATTLE AXE 27 FEDERAL COM 16H - JC                |                                 |                              |                                 |                                  |                                             |              |
| BATTLE AXE 27 FEDERAL COM 16H - JC - Original Hol |                                 |                              |                                 |                                  |                                             | Out of range |
| BATTLE AXE 27 FEDERAL COM 17H - JC                |                                 |                              |                                 |                                  |                                             |              |
| BATTLE AXE 27 FEDERAL COM 17H - JC - Original Hol |                                 |                              |                                 |                                  |                                             | Out of range |
| BATTLE AXE 27 FEDERAL COM 18H - JC                |                                 |                              |                                 |                                  |                                             |              |
| BATTLE AXE 27 FEDERAL COM 18H - JC - Original Hol |                                 |                              |                                 |                                  |                                             | Out of range |
| <b>ZIA HILLS UNIT 2832 PROJECT</b>                |                                 |                              |                                 |                                  |                                             |              |
| _ZIA HILLS UNIT 2832 WC 702H - OWB - PWP0         |                                 |                              |                                 |                                  |                                             | Out of range |
| _ZIA HILLS UNIT 2832 WC 703H - OWB - PWP0         |                                 |                              |                                 |                                  |                                             | Out of range |
| _ZIA HILLS UNIT 2832 WC 704H - OWB - PWP0         |                                 |                              |                                 |                                  |                                             | Out of range |
| _ZIA HILLS UNIT 2832 WC 705H - OWB - PWP0         |                                 |                              |                                 |                                  |                                             | Out of range |
| _ZIA HILLS UNIT 2832 WC 706H - OWB - PWP0         | 12,470.5                        | 12,412.4                     | 867.0                           | 799.4                            | 12.830 CC                                   |              |
| _ZIA HILLS UNIT 2832 WC 706H - OWB - PWP0         | 19,812.8                        | 19,888.2                     | 878.5                           | 719.6                            | 5.528 ES, SF                                |              |
| _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0         | 2,000.0                         | 1,998.0                      | 20.0                            | 7.1                              | 1.545 Caution - Monitor Closely, CC, ES, SF |              |
| _ZIA HILLS UNIT 2832 WC 709H - OWB - PWP0         | 2,000.0                         | 1,999.8                      | 19.9                            | 7.0                              | 1.541 Caution - Monitor Closely, CC         |              |
| _ZIA HILLS UNIT 2832 WC 709H - OWB - PWP0         | 2,100.0                         | 2,099.9                      | 20.2                            | 6.9                              | 1.526 Caution - Monitor Closely, ES, SF     |              |
| _ZIA HILLS UNIT 2832 WC 710H - OWB - PWP0         | 2,000.0                         | 1,999.5                      | 40.0                            | 27.0                             | 3.087 CC, ES                                |              |
| _ZIA HILLS UNIT 2832 WC 710H - OWB - PWP0         | 2,100.0                         | 2,099.5                      | 40.4                            | 27.2                             | 3.060 SF                                    |              |
| _ZIA HILLS UNIT 2832 WC 711H - OWB - PWP0         | 2,000.0                         | 1,999.5                      | 59.9                            | 47.7                             | 4.906 CC, ES                                |              |
| _ZIA HILLS UNIT 2832 WC 711H - OWB - PWP0         | 2,200.0                         | 2,199.8                      | 61.3                            | 48.5                             | 4.794 SF                                    |              |
| _ZIA HILLS UNIT 2832 WC 712H - OWB - PWP0         | 1,900.0                         | 1,900.0                      | 79.9                            | 67.3                             | 6.309 CC                                    |              |
| _ZIA HILLS UNIT 2832 WC 712H - OWB - PWP0         | 2,000.0                         | 1,999.6                      | 80.2                            | 67.2                             | 6.196 ES                                    |              |
| _ZIA HILLS UNIT 2832 WC 712H - OWB - PWP0         | 2,100.0                         | 2,099.1                      | 81.5                            | 68.2                             | 6.168 SF                                    |              |
| _ZIA HILLS UNIT 2832 WC 801H - OWB - PWP0         |                                 |                              |                                 |                                  |                                             | Out of range |
| _ZIA HILLS UNIT 2832 WC 802H - OWB - PWP0         | 1,966.0                         | 1,968.0                      | 40.0                            | 27.2                             | 3.113 CC                                    |              |
| _ZIA HILLS UNIT 2832 WC 802H - OWB - PWP0         | 2,000.0                         | 2,002.0                      | 40.0                            | 27.1                             | 3.091 ES, SF                                |              |
| _ZIA HILLS UNIT 2832 WC 803H - OWB - PWP0         | 2,000.0                         | 1,999.6                      | 99.9                            | 87.0                             | 7.723 CC, ES                                |              |
| _ZIA HILLS UNIT 2832 WC 803H - OWB - PWP0         | 2,200.0                         | 2,199.5                      | 101.9                           | 88.4                             | 7.560 SF                                    |              |
| PAYNE FEDERAL 1_PA - OWB - AWP                    |                                 |                              |                                 |                                  |                                             | Out of range |
| RED HILLS WEST '21' FEDERAL COM 1H - OWB - AW     |                                 |                              |                                 |                                  |                                             | Out of range |
| RED HILLS WEST 21 'BO' FEDERAL COM 1H - OWB -     | 9,493.1                         | 13,731.8                     | 362.7                           | 243.7                            | 3.048 CC                                    |              |
| RED HILLS WEST 21 'BO' FEDERAL COM 1H - OWB -     | 9,500.0                         | 13,731.6                     | 362.7                           | 243.7                            | 3.046 ES, SF                                |              |
| RED HILLS WEST 21 FEDERAL COM 2H - OWB - AWP      |                                 |                              |                                 |                                  |                                             | Out of range |
| RED HILLS WEST 21 W0AP FEDERAL COM 003H - OW      | 11,925.0                        | 16,606.9                     | 984.0                           | 855.1                            | 7.633 CC, ES, 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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

## Summary

| Site Name                                    | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning                           |
|----------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|-----------------------------------|
| <b>Offset Well - Wellbore - Design</b>       |                                 |                              |                                 |                                  |                   |                                   |
| ZIA HILLS UNIT 2832 PROJECT                  |                                 |                              |                                 |                                  |                   |                                   |
| RED HILLS WEST 21 W0BO FEDERAL COM 004H - OW | 12,015.9                        | 16,630.6                     | 196.0                           | 68.0                             | 1.531             | Caution - Monitor Closely, CC     |
| RED HILLS WEST 21 W0BO FEDERAL COM 004H - OW | 12,025.0                        | 16,636.0                     | 196.2                           | 67.9                             | 1.530             | Caution - Monitor Closely, ES, SF |
| RED HILLS WEST 21 W0CN FEDERAL COM 001H - OW |                                 |                              |                                 |                                  |                   | Out of range                      |
| RED HILLS WEST 21 W1AP FEDERAL COM 002H - OW |                                 |                              |                                 |                                  |                   | Out of range                      |
| RED HILLS WEST 21 W1BO FEDERAL COM 003H - OW | 12,251.8                        | 17,085.0                     | 300.0                           | 181.1                            | 2.523             | Normal Operations, CC, ES         |
| RED HILLS WEST 21 W1BO FEDERAL COM 003H - OW | 12,275.0                        | 17,085.0                     | 301.1                           | 181.7                            | 2.521             | Normal Operations, SF             |
| RED HILLS WEST 21 W1CN FEDERAL COM 002H - OW |                                 |                              |                                 |                                  |                   | Out of range                      |
| WILDER FEDERAL 28 1H - OWB - AWP             | 852.9                           | 843.2                        | 218.4                           | 166.8                            | 4.230             | CC, ES, SF                        |
| WILDER FEDERAL 28 1H - ST01 - AWP            | 852.9                           | 843.2                        | 218.4                           | 166.8                            | 4.230             | CC, ES, SF                        |
| WILDER FEDERAL 28 2H - OWB - AWP             | 5,871.2                         | 5,757.7                      | 597.4                           | 573.2                            | 24.766            | CC, ES                            |
| WILDER FEDERAL 28 2H - OWB - AWP             | 8,100.0                         | 7,940.4                      | 724.3                           | 689.6                            | 20.873            | SF                                |
| WILDER FEDERAL AC COM 28 3H - OWB - AWP      |                                 |                              |                                 |                                  |                   | Out of range                      |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 706H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                 |              |                        |                         |                       |                   | Offset Site Error: | 0.0 usft |                    |          |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-----------------|--------------|------------------------|-------------------------|-----------------------|-------------------|--------------------|----------|--------------------|----------|
| Survey Program:                                                                        |                       | 0-r.5 MWD+IFR1        |                       | Offset           |               |                       | Semi Major Axis |              | 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) | Highside Toolface (°) | +N/-S (usft)    | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor | Warning            |          |                    |          |
| 9,900.0                                                                                | 9,741.4               | 10,164.8              | 9,913.8               | 30.5             | 39.3          | -93.08                | 782.7           | -1,931.1     | 987.7                  | 923.5                   | 64.23                 | 15.378            |                    |          |                    |          |
| 10,000.0                                                                               | 9,841.4               | 10,249.6              | 9,997.3               | 30.5             | 39.7          | -92.76                | 788.9           | -1,917.3     | 971.0                  | 906.3                   | 64.72                 | 15.003            |                    |          |                    |          |
| 10,100.0                                                                               | 9,941.4               | 10,334.9              | 10,081.4              | 30.6             | 40.1          | -92.45                | 794.7           | -1,904.4     | 955.6                  | 890.4                   | 65.18                 | 14.660            |                    |          |                    |          |
| 10,200.0                                                                               | 10,041.4              | 10,420.6              | 10,166.1              | 30.6             | 40.5          | -92.15                | 799.9           | -1,892.7     | 941.7                  | 876.0                   | 65.63                 | 14.348            |                    |          |                    |          |
| 10,300.0                                                                               | 10,141.4              | 10,506.6              | 10,251.4              | 30.6             | 40.8          | -91.88                | 804.7           | -1,882.1     | 929.1                  | 863.1                   | 66.06                 | 14.066            |                    |          |                    |          |
| 10,400.0                                                                               | 10,241.4              | 10,593.0              | 10,337.1              | 30.7             | 41.2          | -91.64                | 808.9           | -1,872.6     | 918.0                  | 851.5                   | 66.46                 | 13.813            |                    |          |                    |          |
| 10,500.0                                                                               | 10,341.4              | 10,679.7              | 10,423.3              | 30.7             | 41.5          | -91.41                | 812.7           | -1,864.3     | 908.3                  | 841.4                   | 66.84                 | 13.588            |                    |          |                    |          |
| 10,600.0                                                                               | 10,441.4              | 10,766.6              | 10,509.9              | 30.8             | 41.9          | -91.22                | 815.9           | -1,857.1     | 899.9                  | 832.7                   | 67.20                 | 13.392            |                    |          |                    |          |
| 10,700.0                                                                               | 10,541.4              | 10,853.8              | 10,596.8              | 30.8             | 42.2          | -91.06                | 818.6           | -1,851.1     | 893.0                  | 825.5                   | 67.53                 | 13.223            |                    |          |                    |          |
| 10,800.0                                                                               | 10,641.4              | 10,941.1              | 10,684.0              | 30.9             | 42.5          | -90.92                | 820.7           | -1,846.4     | 887.5                  | 819.7                   | 67.84                 | 13.082            |                    |          |                    |          |
| 10,900.0                                                                               | 10,741.4              | 11,028.6              | 10,771.4              | 30.9             | 42.8          | -90.82                | 822.3           | -1,842.8     | 883.4                  | 815.3                   | 68.12                 | 12.969            |                    |          |                    |          |
| 11,000.0                                                                               | 10,841.4              | 11,116.2              | 10,859.0              | 30.9             | 43.1          | -90.76                | 823.3           | -1,840.5     | 880.7                  | 812.4                   | 68.36                 | 12.883            |                    |          |                    |          |
| 11,100.0                                                                               | 10,941.4              | 11,203.8              | 10,946.6              | 31.0             | 43.3          | -90.73                | 823.9           | -1,839.3     | 879.4                  | 810.9                   | 68.55                 | 12.829            |                    |          |                    |          |
| 11,157.7                                                                               | 10,999.1              | 11,256.3              | 10,999.1              | 31.0             | 43.3          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.7                   | 68.58                 | 12.822            |                    |          |                    |          |
| 11,200.0                                                                               | 11,041.4              | 11,298.6              | 11,041.4              | 31.0             | 43.3          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.7                   | 68.60                 | 12.817            |                    |          |                    |          |
| 11,300.0                                                                               | 11,141.4              | 11,398.6              | 11,141.4              | 31.1             | 43.3          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.6                   | 68.67                 | 12.805            |                    |          |                    |          |
| 11,400.0                                                                               | 11,241.4              | 11,498.6              | 11,241.4              | 31.1             | 43.4          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.6                   | 68.73                 | 12.793            |                    |          |                    |          |
| 11,500.0                                                                               | 11,341.4              | 11,598.6              | 11,341.4              | 31.2             | 43.4          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.5                   | 68.80                 | 12.780            |                    |          |                    |          |
| 11,600.0                                                                               | 11,441.4              | 11,698.6              | 11,441.4              | 31.2             | 43.4          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.4                   | 68.87                 | 12.768            |                    |          |                    |          |
| 11,608.2                                                                               | 11,449.6              | 11,706.8              | 11,449.6              | 31.2             | 43.4          | -90.72                | 823.9           | -1,839.2     | 879.3                  | 810.4                   | 68.87                 | 12.767            |                    |          |                    |          |
| 11,692.1                                                                               | 11,533.5              | 11,786.7              | 11,529.4              | 31.2             | 43.4          | -90.74                | 823.7           | -1,839.2     | 879.3                  | 810.4                   | 68.88                 | 12.765            |                    |          |                    |          |
| 11,700.0                                                                               | 11,541.4              | 11,792.7              | 11,535.5              | 31.2             | 43.4          | 80.35                 | 823.5           | -1,839.3     | 879.4                  | 810.5                   | 68.87                 | 12.768            |                    |          |                    |          |
| 11,725.0                                                                               | 11,566.3              | 11,811.8              | 11,554.6              | 31.2             | 43.4          | 80.32                 | 822.4           | -1,839.5     | 879.4                  | 810.6                   | 68.82                 | 12.778            |                    |          |                    |          |
| 11,750.0                                                                               | 11,591.2              | 11,831.0              | 11,573.6              | 31.1             | 43.3          | 80.31                 | 820.5           | -1,839.8     | 879.5                  | 810.7                   | 68.77                 | 12.789            |                    |          |                    |          |
| 11,775.0                                                                               | 11,616.0              | 11,850.0              | 11,592.4              | 31.1             | 43.3          | 80.32                 | 817.8           | -1,840.2     | 879.4                  | 810.7                   | 68.70                 | 12.800            |                    |          |                    |          |
| 11,800.0                                                                               | 11,640.5              | 11,869.2              | 11,611.4              | 31.0             | 43.3          | 80.36                 | 814.4           | -1,840.7     | 879.3                  | 810.7                   | 68.64                 | 12.811            |                    |          |                    |          |
| 11,825.0                                                                               | 11,664.7              | 11,888.4              | 11,630.0              | 31.0             | 43.2          | 80.41                 | 810.3           | -1,841.3     | 879.2                  | 810.6                   | 68.57                 | 12.821            |                    |          |                    |          |
| 11,850.0                                                                               | 11,688.5              | 11,907.6              | 11,648.6              | 30.9             | 43.2          | 80.49                 | 805.4           | -1,842.1     | 879.0                  | 810.5                   | 68.50                 | 12.832            |                    |          |                    |          |
| 11,875.0                                                                               | 11,711.9              | 11,925.0              | 11,665.2              | 30.8             | 43.1          | 80.58                 | 800.3           | -1,842.9     | 878.8                  | 810.3                   | 68.42                 | 12.845            |                    |          |                    |          |
| 11,900.0                                                                               | 11,734.9              | 11,946.0              | 11,685.0              | 30.8             | 43.1          | 80.70                 | 793.4           | -1,843.9     | 878.5                  | 810.1                   | 68.36                 | 12.851            |                    |          |                    |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                              |                           |          |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|------------------------------|---------------------------|----------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 706H - 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>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> |                              |                           |          |
| 11,925.0                                                                                      | 11,757.2                             | 11,965.3                             | 11,702.9                             | 30.7                        | 43.0                     | 80.84                                | 786.3                         | -1,845.0                | 878.1                                 | 809.9                                  | 68.28                        | 12.861                    |          |
| 11,950.0                                                                                      | 11,779.0                             | 11,984.6                             | 11,720.5                             | 30.6                        | 43.0                     | 81.00                                | 778.5                         | -1,846.3                | 877.8                                 | 809.5                                  | 68.21                        | 12.869                    |          |
| 11,975.0                                                                                      | 11,800.1                             | 12,003.9                             | 11,737.9                             | 30.6                        | 42.9                     | 81.18                                | 769.9                         | -1,847.6                | 877.3                                 | 809.2                                  | 68.13                        | 12.877                    |          |
| 12,000.0                                                                                      | 11,820.5                             | 12,025.0                             | 11,756.3                             | 30.5                        | 42.9                     | 81.39                                | 759.9                         | -1,849.1                | 876.9                                 | 808.8                                  | 68.07                        | 12.881                    |          |
| 12,025.0                                                                                      | 11,840.1                             | 12,042.9                             | 11,771.6                             | 30.5                        | 42.9                     | 81.60                                | 750.7                         | -1,850.6                | 876.4                                 | 808.4                                  | 67.99                        | 12.890                    |          |
| 12,050.0                                                                                      | 11,858.8                             | 12,062.5                             | 11,787.9                             | 30.4                        | 42.8                     | 81.83                                | 740.0                         | -1,852.2                | 875.9                                 | 807.9                                  | 67.92                        | 12.895                    |          |
| 12,075.0                                                                                      | 11,876.6                             | 12,082.1                             | 11,803.8                             | 30.3                        | 42.8                     | 82.09                                | 728.6                         | -1,854.0                | 875.3                                 | 807.4                                  | 67.86                        | 12.899                    |          |
| 12,100.0                                                                                      | 11,893.5                             | 12,100.0                             | 11,817.9                             | 30.3                        | 42.7                     | 82.34                                | 717.7                         | -1,855.7                | 874.7                                 | 806.9                                  | 67.78                        | 12.906                    |          |
| 12,125.0                                                                                      | 11,909.5                             | 12,121.8                             | 11,834.4                             | 30.2                        | 42.7                     | 82.65                                | 703.7                         | -1,857.8                | 874.1                                 | 806.4                                  | 67.74                        | 12.904                    |          |
| 12,150.0                                                                                      | 11,924.4                             | 12,141.7                             | 11,849.0                             | 30.2                        | 42.6                     | 82.96                                | 690.3                         | -1,859.9                | 873.5                                 | 805.8                                  | 67.69                        | 12.906                    |          |
| 12,175.0                                                                                      | 11,938.2                             | 12,161.8                             | 11,863.1                             | 30.2                        | 42.6                     | 83.28                                | 676.1                         | -1,862.1                | 872.9                                 | 805.3                                  | 67.64                        | 12.906                    |          |
| 12,200.0                                                                                      | 11,950.9                             | 12,182.0                             | 11,876.7                             | 30.1                        | 42.5                     | 83.62                                | 661.3                         | -1,864.4                | 872.3                                 | 804.7                                  | 67.60                        | 12.904                    |          |
| 12,225.0                                                                                      | 11,962.4                             | 12,202.4                             | 11,889.7                             | 30.1                        | 42.5                     | 83.98                                | 645.9                         | -1,866.8                | 871.7                                 | 804.1                                  | 67.56                        | 12.902                    |          |
| 12,250.0                                                                                      | 11,972.8                             | 12,222.9                             | 11,902.1                             | 30.1                        | 42.5                     | 84.35                                | 629.7                         | -1,869.3                | 871.1                                 | 803.5                                  | 67.53                        | 12.899                    |          |
| 12,275.0                                                                                      | 11,982.0                             | 12,243.6                             | 11,913.9                             | 30.1                        | 42.4                     | 84.73                                | 613.0                         | -1,871.9                | 870.5                                 | 803.0                                  | 67.51                        | 12.895                    |          |
| 12,300.0                                                                                      | 11,990.0                             | 12,264.4                             | 11,925.1                             | 30.0                        | 42.4                     | 85.12                                | 595.6                         | -1,874.6                | 869.9                                 | 802.4                                  | 67.49                        | 12.889                    |          |
| 12,325.0                                                                                      | 11,996.7                             | 12,285.4                             | 11,935.5                             | 30.0                        | 42.4                     | 85.53                                | 577.5                         | -1,877.4                | 869.3                                 | 801.9                                  | 67.48                        | 12.883                    |          |
| 12,350.0                                                                                      | 12,002.1                             | 12,306.7                             | 11,945.2                             | 30.0                        | 42.4                     | 85.95                                | 558.9                         | -1,880.2                | 868.8                                 | 801.3                                  | 67.48                        | 12.875                    |          |
| 12,375.0                                                                                      | 12,006.3                             | 12,328.1                             | 11,954.2                             | 30.0                        | 42.3                     | 86.37                                | 539.7                         | -1,883.2                | 868.3                                 | 800.8                                  | 67.48                        | 12.867                    |          |
| 12,400.0                                                                                      | 12,009.1                             | 12,350.0                             | 11,962.4                             | 30.0                        | 42.3                     | 86.82                                | 519.6                         | -1,886.3                | 867.9                                 | 800.4                                  | 67.50                        | 12.857                    |          |
| 12,425.0                                                                                      | 12,010.7                             | 12,371.7                             | 11,969.7                             | 30.1                        | 42.3                     | 87.26                                | 499.4                         | -1,889.5                | 867.4                                 | 799.9                                  | 67.52                        | 12.848                    |          |
| 12,442.1                                                                                      | 12,011.0                             | 12,386.8                             | 11,974.2                             | 30.1                        | 42.3                     | 87.57                                | 485.1                         | -1,891.7                | 867.2                                 | 799.6                                  | 67.54                        | 12.840                    |          |
| 12,470.5                                                                                      | 12,011.0                             | 12,412.4                             | 11,980.7                             | 30.1                        | 42.3                     | 88.00                                | 460.7                         | -1,895.4                | 867.0                                 | 799.4                                  | 67.58                        | 12.830 CC                 |          |
| 12,500.0                                                                                      | 12,011.0                             | 12,439.7                             | 11,986.3                             | 30.1                        | 42.3                     | 88.37                                | 434.3                         | -1,899.5                | 867.2                                 | 799.6                                  | 67.62                        | 12.825                    |          |
| 12,600.0                                                                                      | 12,011.0                             | 12,541.0                             | 11,993.6                             | 30.2                        | 42.3                     | 88.85                                | 334.6                         | -1,914.9                | 870.5                                 | 802.7                                  | 67.82                        | 12.837                    |          |
| 12,700.0                                                                                      | 12,011.0                             | 12,684.7                             | 11,993.6                             | 30.4                        | 42.5                     | 88.86                                | 192.0                         | -1,932.5                | 874.5                                 | 806.1                                  | 68.36                        | 12.793                    |          |
| 12,800.0                                                                                      | 12,011.0                             | 12,828.7                             | 11,993.6                             | 30.5                        | 42.6                     | 88.86                                | 48.4                          | -1,942.8                | 876.9                                 | 808.0                                  | 68.90                        | 12.727                    |          |
| 12,900.0                                                                                      | 12,011.0                             | 12,972.8                             | 11,993.6                             | 30.7                        | 42.8                     | 88.86                                | -95.7                         | -1,946.0                | 877.8                                 | 808.4                                  | 69.43                        | 12.642                    |          |
| 12,905.2                                                                                      | 12,011.0                             | 12,980.3                             | 11,993.6                             | 30.7                        | 42.9                     | 88.86                                | -103.2                        | -1,945.9                | 877.8                                 | 808.4                                  | 69.46                        | 12.638                    |          |
| 13,000.0                                                                                      | 12,011.0                             | 13,075.4                             | 11,993.6                             | 30.9                        | 43.0                     | 88.86                                | -198.2                        | -1,945.3                | 877.8                                 | 808.0                                  | 69.80                        | 12.576                    |          |
| 13,100.0                                                                                      | 12,011.0                             | 13,175.4                             | 11,993.6                             | 31.1                        | 43.2                     | 88.86                                | -298.2                        | -1,944.7                | 877.8                                 | 807.6                                  | 70.21                        | 12.503                    |          |
| 13,200.0                                                                                      | 12,011.0                             | 13,275.4                             | 11,993.6                             | 31.3                        | 43.4                     | 88.86                                | -398.2                        | -1,944.1                | 877.9                                 | 807.2                                  | 70.67                        | 12.422                    |          |
| 13,300.0                                                                                      | 12,011.0                             | 13,375.4                             | 11,993.6                             | 31.5                        | 43.6                     | 88.86                                | -498.2                        | -1,943.5                | 877.9                                 | 806.7                                  | 71.17                        | 12.334                    |          |
| 13,400.0                                                                                      | 12,011.0                             | 13,475.4                             | 11,993.6                             | 31.8                        | 43.9                     | 88.86                                | -598.2                        | -1,942.9                | 877.9                                 | 806.1                                  | 71.72                        | 12.240                    |          |
| 13,500.0                                                                                      | 12,011.0                             | 13,575.4                             | 11,993.6                             | 32.1                        | 44.1                     | 88.86                                | -698.2                        | -1,942.2                | 877.9                                 | 805.6                                  | 72.32                        | 12.139                    |          |
| 13,600.0                                                                                      | 12,011.0                             | 13,675.4                             | 11,993.6                             | 32.4                        | 44.4                     | 88.86                                | -798.2                        | -1,941.6                | 877.9                                 | 804.9                                  | 72.96                        | 12.032                    |          |
| 13,700.0                                                                                      | 12,011.0                             | 13,775.4                             | 11,993.6                             | 32.7                        | 44.7                     | 88.86                                | -898.2                        | -1,941.0                | 877.9                                 | 804.3                                  | 73.65                        | 11.920                    |          |
| 13,800.0                                                                                      | 12,011.0                             | 13,875.4                             | 11,993.6                             | 33.1                        | 45.0                     | 88.86                                | -998.2                        | -1,940.4                | 877.9                                 | 803.5                                  | 74.38                        | 11.803                    |          |
| 13,900.0                                                                                      | 12,011.0                             | 13,975.4                             | 11,993.6                             | 33.4                        | 45.3                     | 88.86                                | -1,098.2                      | -1,939.8                | 877.9                                 | 802.8                                  | 75.15                        | 11.682                    |          |
| 14,000.0                                                                                      | 12,011.0                             | 14,075.4                             | 11,993.6                             | 33.8                        | 45.7                     | 88.86                                | -1,198.2                      | -1,939.1                | 877.9                                 | 802.0                                  | 75.96                        | 11.557                    |          |
| 14,100.0                                                                                      | 12,011.0                             | 14,175.4                             | 11,993.6                             | 34.2                        | 46.0                     | 88.86                                | -1,298.2                      | -1,938.5                | 877.9                                 | 801.1                                  | 76.81                        | 11.430                    |          |
| 14,200.0                                                                                      | 12,011.0                             | 14,275.4                             | 11,993.6                             | 34.7                        | 46.4                     | 88.86                                | -1,398.2                      | -1,937.9                | 878.0                                 | 800.3                                  | 77.70                        | 11.299                    |          |
| 14,300.0                                                                                      | 12,011.0                             | 14,375.4                             | 11,993.6                             | 35.1                        | 46.8                     | 88.86                                | -1,498.2                      | -1,937.3                | 878.0                                 | 799.3                                  | 78.62                        | 11.167                    |          |
| 14,400.0                                                                                      | 12,011.0                             | 14,475.4                             | 11,993.6                             | 35.6                        | 47.2                     | 88.86                                | -1,598.2                      | -1,936.7                | 878.0                                 | 798.4                                  | 79.58                        | 11.033                    |          |
| 14,500.0                                                                                      | 12,011.0                             | 14,575.4                             | 11,993.6                             | 36.1                        | 47.6                     | 88.86                                | -1,698.2                      | -1,936.0                | 878.0                                 | 797.4                                  | 80.57                        | 10.897                    |          |
| 14,600.0                                                                                      | 12,011.0                             | 14,675.4                             | 11,993.6                             | 36.7                        | 48.1                     | 88.86                                | -1,798.2                      | -1,935.4                | 878.0                                 | 796.4                                  | 81.60                        | 10.760                    |          |
| 14,700.0                                                                                      | 12,011.0                             | 14,775.4                             | 11,993.6                             | 37.2                        | 48.5                     | 88.86                                | -1,898.2                      | -1,934.8                | 878.0                                 | 795.4                                  | 82.65                        | 10.623                    |          |
| 14,800.0                                                                                      | 12,011.0                             | 14,875.4                             | 11,993.6                             | 37.8                        | 49.0                     | 88.86                                | -1,998.2                      | -1,934.2                | 878.0                                 | 794.3                                  | 83.74                        | 10.486                    |          |
| 14,900.0                                                                                      | 12,011.0                             | 14,975.4                             | 11,993.6                             | 38.3                        | 49.5                     | 88.86                                | -2,098.2                      | -1,933.6                | 878.0                                 | 793.2                                  | 84.85                        | 10.348                    |          |
| 15,000.0                                                                                      | 12,011.0                             | 15,075.4                             | 11,993.6                             | 38.9                        | 49.9                     | 88.86                                | -2,198.2                      | -1,932.9                | 878.0                                 | 792.0                                  | 85.99                        | 10.211                    |          |
| 15,100.0                                                                                      | 12,011.0                             | 15,175.4                             | 11,993.6                             | 39.6                        | 50.5                     | 88.86                                | -2,298.2                      | -1,932.3                | 878.1                                 | 790.9                                  | 87.16                        | 10.074                    |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 706H - 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 15,200.0                                                                                      | 12,011.0                             | 15,275.4                             | 11,993.6                             | 40.2                        | 51.0                     | 88.86                                | -2,398.2                      | -1,931.7                | 878.1                                 | 789.7                                  | 88.36                                | 9.938                        |                |
| 15,300.0                                                                                      | 12,011.0                             | 15,375.4                             | 11,993.6                             | 40.8                        | 51.5                     | 88.86                                | -2,498.2                      | -1,931.1                | 878.1                                 | 788.5                                  | 89.57                                | 9.803                        |                |
| 15,400.0                                                                                      | 12,011.0                             | 15,475.4                             | 11,993.6                             | 41.5                        | 52.0                     | 88.86                                | -2,598.2                      | -1,930.5                | 878.1                                 | 787.3                                  | 90.82                                | 9.669                        |                |
| 15,500.0                                                                                      | 12,011.0                             | 15,575.4                             | 11,993.6                             | 42.2                        | 52.6                     | 88.86                                | -2,698.2                      | -1,929.8                | 878.1                                 | 786.0                                  | 92.08                                | 9.536                        |                |
| 15,600.0                                                                                      | 12,011.0                             | 15,675.4                             | 11,993.6                             | 42.9                        | 53.2                     | 88.86                                | -2,798.2                      | -1,929.2                | 878.1                                 | 784.7                                  | 93.37                                | 9.405                        |                |
| 15,700.0                                                                                      | 12,011.0                             | 15,775.4                             | 11,993.6                             | 43.6                        | 53.7                     | 88.86                                | -2,898.2                      | -1,928.6                | 878.1                                 | 783.4                                  | 94.67                                | 9.275                        |                |
| 15,800.0                                                                                      | 12,011.0                             | 15,875.4                             | 11,993.6                             | 44.3                        | 54.3                     | 88.86                                | -2,998.2                      | -1,928.0                | 878.1                                 | 782.1                                  | 96.00                                | 9.147                        |                |
| 15,900.0                                                                                      | 12,011.0                             | 15,975.4                             | 11,993.6                             | 45.0                        | 54.9                     | 88.86                                | -3,098.2                      | -1,927.4                | 878.1                                 | 780.8                                  | 97.35                                | 9.021                        |                |
| 16,000.0                                                                                      | 12,011.0                             | 16,075.4                             | 11,993.6                             | 45.7                        | 55.5                     | 88.86                                | -3,198.2                      | -1,926.7                | 878.1                                 | 779.4                                  | 98.71                                | 8.896                        |                |
| 16,100.0                                                                                      | 12,011.0                             | 16,175.4                             | 11,993.6                             | 46.5                        | 56.2                     | 88.86                                | -3,298.2                      | -1,926.1                | 878.2                                 | 778.1                                  | 100.10                               | 8.773                        |                |
| 16,200.0                                                                                      | 12,011.0                             | 16,275.4                             | 11,993.6                             | 47.2                        | 56.8                     | 88.86                                | -3,398.2                      | -1,925.5                | 878.2                                 | 776.7                                  | 101.49                               | 8.652                        |                |
| 16,300.0                                                                                      | 12,011.0                             | 16,375.4                             | 11,993.6                             | 48.0                        | 57.4                     | 88.86                                | -3,498.2                      | -1,924.9                | 878.2                                 | 775.3                                  | 102.91                               | 8.533                        |                |
| 16,400.0                                                                                      | 12,011.0                             | 16,475.4                             | 11,993.6                             | 48.8                        | 58.1                     | 88.86                                | -3,598.2                      | -1,924.3                | 878.2                                 | 773.8                                  | 104.34                               | 8.417                        |                |
| 16,500.0                                                                                      | 12,011.0                             | 16,575.4                             | 11,993.6                             | 49.5                        | 58.7                     | 88.86                                | -3,698.2                      | -1,923.6                | 878.2                                 | 772.4                                  | 105.79                               | 8.302                        |                |
| 16,600.0                                                                                      | 12,011.0                             | 16,675.4                             | 11,993.6                             | 50.3                        | 59.4                     | 88.86                                | -3,798.2                      | -1,923.0                | 878.2                                 | 771.0                                  | 107.25                               | 8.189                        |                |
| 16,700.0                                                                                      | 12,011.0                             | 16,775.4                             | 11,993.6                             | 51.1                        | 60.1                     | 88.86                                | -3,898.2                      | -1,922.4                | 878.2                                 | 769.5                                  | 108.72                               | 8.078                        |                |
| 16,800.0                                                                                      | 12,011.0                             | 16,875.4                             | 11,993.6                             | 51.9                        | 60.7                     | 88.86                                | -3,998.2                      | -1,921.8                | 878.2                                 | 768.0                                  | 110.21                               | 7.969                        |                |
| 16,900.0                                                                                      | 12,011.0                             | 16,975.4                             | 11,993.6                             | 52.7                        | 61.4                     | 88.86                                | -4,098.2                      | -1,921.2                | 878.2                                 | 766.5                                  | 111.71                               | 7.862                        |                |
| 17,000.0                                                                                      | 12,011.0                             | 17,075.4                             | 11,993.6                             | 53.5                        | 62.1                     | 88.86                                | -4,198.2                      | -1,920.5                | 878.2                                 | 765.0                                  | 113.22                               | 7.757                        |                |
| 17,100.0                                                                                      | 12,011.0                             | 17,175.4                             | 11,993.6                             | 54.4                        | 62.8                     | 88.86                                | -4,298.2                      | -1,919.9                | 878.3                                 | 763.5                                  | 114.74                               | 7.654                        |                |
| 17,200.0                                                                                      | 12,011.0                             | 17,275.4                             | 11,993.6                             | 55.2                        | 63.5                     | 88.86                                | -4,398.2                      | -1,919.3                | 878.3                                 | 762.0                                  | 116.28                               | 7.553                        |                |
| 17,300.0                                                                                      | 12,011.0                             | 17,375.4                             | 11,993.6                             | 56.0                        | 64.2                     | 88.86                                | -4,498.2                      | -1,918.7                | 878.3                                 | 760.5                                  | 117.82                               | 7.454                        |                |
| 17,400.0                                                                                      | 12,011.0                             | 17,475.4                             | 11,993.6                             | 56.8                        | 65.0                     | 88.86                                | -4,598.2                      | -1,918.1                | 878.3                                 | 758.9                                  | 119.38                               | 7.357                        |                |
| 17,500.0                                                                                      | 12,011.0                             | 17,575.4                             | 11,993.6                             | 57.7                        | 65.7                     | 88.86                                | -4,698.2                      | -1,917.4                | 878.3                                 | 757.4                                  | 120.94                               | 7.262                        |                |
| 17,600.0                                                                                      | 12,011.0                             | 17,675.4                             | 11,993.6                             | 58.5                        | 66.4                     | 88.86                                | -4,798.2                      | -1,916.8                | 878.3                                 | 755.8                                  | 122.52                               | 7.169                        |                |
| 17,700.0                                                                                      | 12,011.0                             | 17,775.4                             | 11,993.6                             | 59.4                        | 67.2                     | 88.86                                | -4,898.2                      | -1,916.2                | 878.3                                 | 754.2                                  | 124.10                               | 7.078                        |                |
| 17,800.0                                                                                      | 12,011.0                             | 17,875.4                             | 11,993.6                             | 60.2                        | 67.9                     | 88.86                                | -4,998.2                      | -1,915.6                | 878.3                                 | 752.6                                  | 125.69                               | 6.988                        |                |
| 17,900.0                                                                                      | 12,011.0                             | 17,975.4                             | 11,993.6                             | 61.1                        | 68.7                     | 88.86                                | -5,098.2                      | -1,915.0                | 878.3                                 | 751.0                                  | 127.29                               | 6.900                        |                |
| 18,000.0                                                                                      | 12,011.0                             | 18,075.4                             | 11,993.6                             | 61.9                        | 69.4                     | 88.86                                | -5,198.2                      | -1,914.3                | 878.4                                 | 749.4                                  | 128.90                               | 6.814                        |                |
| 18,100.0                                                                                      | 12,011.0                             | 18,175.4                             | 11,993.6                             | 62.8                        | 70.2                     | 88.86                                | -5,298.2                      | -1,913.7                | 878.4                                 | 747.8                                  | 130.52                               | 6.730                        |                |
| 18,200.0                                                                                      | 12,011.0                             | 18,275.4                             | 11,993.6                             | 63.6                        | 71.0                     | 88.86                                | -5,398.2                      | -1,913.1                | 878.4                                 | 746.2                                  | 132.15                               | 6.647                        |                |
| 18,300.0                                                                                      | 12,011.0                             | 18,375.4                             | 11,993.6                             | 64.5                        | 71.7                     | 88.86                                | -5,498.2                      | -1,912.5                | 878.4                                 | 744.6                                  | 133.78                               | 6.566                        |                |
| 18,400.0                                                                                      | 12,011.0                             | 18,475.4                             | 11,993.6                             | 65.4                        | 72.5                     | 88.86                                | -5,598.2                      | -1,911.9                | 878.4                                 | 743.0                                  | 135.42                               | 6.487                        |                |
| 18,500.0                                                                                      | 12,011.0                             | 18,575.4                             | 11,993.6                             | 66.3                        | 73.3                     | 88.86                                | -5,698.2                      | -1,911.2                | 878.4                                 | 741.3                                  | 137.06                               | 6.409                        |                |
| 18,600.0                                                                                      | 12,011.0                             | 18,675.4                             | 11,993.6                             | 67.1                        | 74.1                     | 88.86                                | -5,798.2                      | -1,910.6                | 878.4                                 | 739.7                                  | 138.72                               | 6.332                        |                |
| 18,700.0                                                                                      | 12,011.0                             | 18,775.4                             | 11,993.6                             | 68.0                        | 74.9                     | 88.87                                | -5,898.2                      | -1,910.0                | 878.4                                 | 738.0                                  | 140.37                               | 6.258                        |                |
| 18,800.0                                                                                      | 12,011.0                             | 18,875.4                             | 11,993.6                             | 68.9                        | 75.7                     | 88.87                                | -5,998.2                      | -1,909.4                | 878.4                                 | 736.4                                  | 142.04                               | 6.184                        |                |
| 18,900.0                                                                                      | 12,011.0                             | 18,975.4                             | 11,993.6                             | 69.8                        | 76.4                     | 88.87                                | -6,098.2                      | -1,908.8                | 878.4                                 | 734.7                                  | 143.71                               | 6.113                        |                |
| 19,000.0                                                                                      | 12,011.0                             | 19,075.4                             | 11,993.6                             | 70.7                        | 77.3                     | 88.87                                | -6,198.2                      | -1,908.1                | 878.5                                 | 733.1                                  | 145.39                               | 6.042                        |                |
| 19,100.0                                                                                      | 12,011.0                             | 19,175.4                             | 11,993.6                             | 71.5                        | 78.1                     | 88.87                                | -6,298.2                      | -1,907.5                | 878.5                                 | 731.4                                  | 147.07                               | 5.973                        |                |
| 19,200.0                                                                                      | 12,011.0                             | 19,275.4                             | 11,993.6                             | 72.4                        | 78.9                     | 88.87                                | -6,398.2                      | -1,906.9                | 878.5                                 | 729.7                                  | 148.76                               | 5.905                        |                |
| 19,300.0                                                                                      | 12,011.0                             | 19,375.4                             | 11,993.6                             | 73.3                        | 79.7                     | 88.87                                | -6,498.2                      | -1,906.3                | 878.5                                 | 728.0                                  | 150.45                               | 5.839                        |                |
| 19,400.0                                                                                      | 12,011.0                             | 19,475.4                             | 11,993.6                             | 74.2                        | 80.5                     | 88.87                                | -6,598.2                      | -1,905.7                | 878.5                                 | 726.4                                  | 152.15                               | 5.774                        |                |
| 19,500.0                                                                                      | 12,011.0                             | 19,575.4                             | 11,993.6                             | 75.1                        | 81.3                     | 88.87                                | -6,698.2                      | -1,905.0                | 878.5                                 | 724.7                                  | 153.85                               | 5.710                        |                |
| 19,600.0                                                                                      | 12,011.0                             | 19,675.4                             | 11,993.6                             | 76.0                        | 82.1                     | 88.87                                | -6,798.2                      | -1,904.4                | 878.5                                 | 723.0                                  | 155.55                               | 5.648                        |                |
| 19,700.0                                                                                      | 12,011.0                             | 19,775.4                             | 11,993.6                             | 76.9                        | 83.0                     | 88.87                                | -6,898.2                      | -1,903.8                | 878.5                                 | 721.3                                  | 157.27                               | 5.586                        |                |
| 19,800.0                                                                                      | 12,011.0                             | 19,875.4                             | 11,993.6                             | 77.8                        | 83.7                     | 88.87                                | -6,998.2                      | -1,903.2                | 878.5                                 | 719.8                                  | 158.77                               | 5.533                        |                |
| 19,812.8                                                                                      | 12,011.0                             | 19,888.2                             | 11,993.6                             | 77.9                        | 83.8                     | 88.87                                | -7,010.9                      | -1,903.1                | 878.5                                 | 719.6                                  | 158.91                               | 5.528 ES, 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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                |                              |                          |                                       |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|----------------------|-----------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|---------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0 |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                |                              |                          | <b>Offset Site Error:</b> 0.0 usft    |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+SAG+FDIR                                                |                              |                              |                              |                               |                      |                       |                     |                     |                               |                                |                              |                          | <b>Offset Well Error:</b> 3.0 usft    |
| <b>Reference</b>                                                                              | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Highside</b>              | <b>Offset Wellbore Centre</b> | <b>Distance</b>      | <b>Rule Assigned:</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>Toolface (°)</b>   | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>No-Go Distance (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                        |
| 0.0                                                                                           | 0.0                          | 0.0                          | 2.0                          | 3.0                           | 3.0                  | -53.95                | 11.8                | -16.2               | 20.1                          |                                |                              |                          |                                       |
| 100.0                                                                                         | 100.0                        | 98.0                         | 100.0                        | 3.1                           | 3.1                  | -53.95                | 11.8                | -16.2               | 20.0                          | 13.4                           | 6.61                         | 3.027                    |                                       |
| 200.0                                                                                         | 200.0                        | 198.0                        | 200.0                        | 3.3                           | 3.3                  | -53.95                | 11.8                | -16.2               | 20.0                          | 12.9                           | 7.06                         | 2.834                    | Normal Operations                     |
| 300.0                                                                                         | 300.0                        | 298.0                        | 300.0                        | 3.5                           | 3.6                  | -53.95                | 11.8                | -16.2               | 20.0                          | 12.5                           | 7.48                         | 2.673                    | Normal Operations                     |
| 400.0                                                                                         | 400.0                        | 398.0                        | 400.0                        | 3.8                           | 3.8                  | -53.95                | 11.8                | -16.2               | 20.0                          | 12.1                           | 7.89                         | 2.535                    | Normal Operations                     |
| 500.0                                                                                         | 500.0                        | 498.0                        | 500.0                        | 4.0                           | 4.0                  | -53.95                | 11.8                | -16.2               | 20.0                          | 11.7                           | 8.28                         | 2.417                    | Caution - Monitor Closely             |
| 600.0                                                                                         | 600.0                        | 598.0                        | 600.0                        | 4.1                           | 4.1                  | -53.95                | 11.8                | -16.2               | 20.0                          | 11.4                           | 8.65                         | 2.313                    | Caution - Monitor Closely             |
| 700.0                                                                                         | 700.0                        | 698.0                        | 700.0                        | 4.3                           | 4.3                  | -53.95                | 11.8                | -16.2               | 20.0                          | 11.0                           | 9.01                         | 2.220                    | Caution - Monitor Closely             |
| 800.0                                                                                         | 800.0                        | 798.0                        | 800.0                        | 4.5                           | 4.5                  | -53.95                | 11.8                | -16.2               | 20.0                          | 10.6                           | 9.36                         | 2.138                    | Caution - Monitor Closely             |
| 900.0                                                                                         | 900.0                        | 898.0                        | 900.0                        | 4.7                           | 4.7                  | -53.95                | 11.8                | -16.2               | 20.0                          | 10.3                           | 9.69                         | 2.063                    | Caution - Monitor Closely             |
| 1,000.0                                                                                       | 1,000.0                      | 998.0                        | 1,000.0                      | 4.8                           | 4.8                  | -53.95                | 11.8                | -16.2               | 20.0                          | 10.0                           | 10.02                        | 1.996                    | Caution - Monitor Closely             |
| 1,100.0                                                                                       | 1,100.0                      | 1,098.0                      | 1,100.0                      | 5.0                           | 5.0                  | -53.95                | 11.8                | -16.2               | 20.0                          | 9.7                            | 10.34                        | 1.934                    | Caution - Monitor Closely             |
| 1,200.0                                                                                       | 1,200.0                      | 1,198.0                      | 1,200.0                      | 5.2                           | 5.2                  | -53.95                | 11.8                | -16.2               | 20.0                          | 9.3                            | 10.65                        | 1.878                    | Caution - Monitor Closely             |
| 1,300.0                                                                                       | 1,300.0                      | 1,298.0                      | 1,300.0                      | 5.3                           | 5.3                  | -53.95                | 11.8                | -16.2               | 20.0                          | 9.0                            | 10.96                        | 1.825                    | Caution - Monitor Closely             |
| 1,400.0                                                                                       | 1,400.0                      | 1,398.0                      | 1,400.0                      | 5.5                           | 5.5                  | -53.95                | 11.8                | -16.2               | 20.0                          | 8.7                            | 11.26                        | 1.777                    | Caution - Monitor Closely             |
| 1,500.0                                                                                       | 1,500.0                      | 1,498.0                      | 1,500.0                      | 5.6                           | 5.6                  | -53.95                | 11.8                | -16.2               | 20.0                          | 8.4                            | 11.55                        | 1.732                    | Caution - Monitor Closely             |
| 1,600.0                                                                                       | 1,600.0                      | 1,598.0                      | 1,600.0                      | 5.8                           | 5.8                  | -53.95                | 11.8                | -16.2               | 20.0                          | 8.2                            | 11.84                        | 1.689                    | Caution - Monitor Closely             |
| 1,700.0                                                                                       | 1,700.0                      | 1,698.0                      | 1,700.0                      | 5.9                           | 5.9                  | -53.95                | 11.8                | -16.2               | 20.0                          | 7.9                            | 12.12                        | 1.650                    | Caution - Monitor Closely             |
| 1,800.0                                                                                       | 1,800.0                      | 1,798.0                      | 1,800.0                      | 6.0                           | 6.0                  | -53.95                | 11.8                | -16.2               | 20.0                          | 7.6                            | 12.40                        | 1.613                    | Caution - Monitor Closely             |
| 1,900.0                                                                                       | 1,900.0                      | 1,898.0                      | 1,900.0                      | 6.2                           | 6.2                  | -53.95                | 11.8                | -16.2               | 20.0                          | 7.3                            | 12.67                        | 1.578                    | Caution - Monitor Closely             |
| 2,000.0                                                                                       | 2,000.0                      | 1,998.0                      | 2,000.0                      | 6.3                           | 6.3                  | -53.95                | 11.8                | -16.2               | 20.0                          | 7.1                            | 12.95                        | 1.545                    | Caution - Monitor Closely, CC, ES, SF |
| 2,100.0                                                                                       | 2,100.0                      | 2,097.5                      | 2,099.5                      | 6.5                           | 6.5                  | -73.53                | 12.1                | -17.4               | 20.8                          | 7.5                            | 13.23                        | 1.569                    | Caution - Monitor Closely             |
| 2,200.0                                                                                       | 2,199.9                      | 2,196.8                      | 2,198.7                      | 6.7                           | 6.6                  | -85.16                | 13.1                | -21.1               | 23.8                          | 10.3                           | 13.50                        | 1.766                    | Caution - Monitor Closely             |
| 2,300.0                                                                                       | 2,299.7                      | 2,295.7                      | 2,297.4                      | 6.9                           | 6.8                  | -98.30                | 14.7                | -27.2               | 30.5                          | 16.8                           | 13.76                        | 2.220                    | Caution - Monitor Closely             |
| 2,333.3                                                                                       | 2,332.9                      | 2,328.5                      | 2,330.1                      | 6.9                           | 6.8                  | -102.18               | 15.4                | -29.8               | 33.7                          | 19.9                           | 13.79                        | 2.445                    | Caution - Monitor Closely             |
| 2,400.0                                                                                       | 2,399.3                      | 2,394.0                      | 2,395.3                      | 7.0                           | 6.9                  | -93.72                | 17.3                | -35.8               | 40.7                          | 26.8                           | 13.91                        | 2.925                    | Normal Operations                     |
| 2,500.0                                                                                       | 2,498.8                      | 2,492.2                      | 2,492.7                      | 7.2                           | 7.0                  | -81.62                | 21.6                | -47.2               | 51.2                          | 37.0                           | 14.23                        | 3.597                    |                                       |
| 2,600.0                                                                                       | 2,598.1                      | 2,590.2                      | 2,589.5                      | 7.4                           | 7.2                  | -72.57                | 27.8                | -61.3               | 61.4                          | 46.9                           | 14.52                        | 4.230                    |                                       |
| 2,700.0                                                                                       | 2,697.0                      | 2,688.2                      | 2,685.7                      | 7.6                           | 7.4                  | -66.07                | 35.9                | -78.0               | 71.2                          | 56.4                           | 14.78                        | 4.813                    |                                       |
| 2,800.0                                                                                       | 2,795.4                      | 2,786.1                      | 2,781.1                      | 7.9                           | 7.6                  | -61.23                | 45.9                | -97.5               | 80.3                          | 65.3                           | 15.03                        | 5.341                    |                                       |
| 2,900.0                                                                                       | 2,893.3                      | 2,883.8                      | 2,875.6                      | 8.2                           | 7.8                  | -57.40                | 57.7                | -119.5              | 88.8                          | 73.5                           | 15.29                        | 5.807                    |                                       |
| 3,000.0                                                                                       | 2,990.4                      | 2,982.5                      | 2,970.2                      | 8.5                           | 7.9                  | -54.38                | 71.2                | -144.2              | 96.4                          | 80.8                           | 15.52                        | 6.210                    |                                       |
| 3,040.0                                                                                       | 3,029.0                      | 3,022.4                      | 3,008.4                      | 8.6                           | 8.0                  | -53.63                | 76.8                | -154.3              | 98.7                          | 83.1                           | 15.60                        | 6.328                    |                                       |
| 3,100.0                                                                                       | 3,086.8                      | 3,082.4                      | 3,065.8                      | 8.7                           | 8.1                  | -54.15                | 85.1                | -169.4              | 101.9                         | 86.1                           | 15.74                        | 6.469                    |                                       |
| 3,200.0                                                                                       | 3,183.2                      | 3,182.2                      | 3,161.4                      | 9.0                           | 8.2                  | -54.94                | 99.1                | -194.7              | 107.1                         | 91.1                           | 16.05                        | 6.677                    |                                       |
| 3,300.0                                                                                       | 3,279.6                      | 3,282.1                      | 3,257.0                      | 9.3                           | 8.4                  | -55.65                | 113.0               | -219.9              | 112.5                         | 96.1                           | 16.36                        | 6.872                    |                                       |
| 3,400.0                                                                                       | 3,376.0                      | 3,381.9                      | 3,352.6                      | 9.7                           | 8.5                  | -56.31                | 126.9               | -245.1              | 117.8                         | 101.1                          | 16.70                        | 7.054                    |                                       |
| 3,500.0                                                                                       | 3,472.4                      | 3,481.8                      | 3,448.2                      | 10.0                          | 8.7                  | -56.90                | 140.8               | -270.4              | 123.1                         | 106.1                          | 17.04                        | 7.226                    |                                       |
| 3,600.0                                                                                       | 3,568.8                      | 3,581.6                      | 3,543.8                      | 10.4                          | 8.8                  | -57.45                | 154.7               | -295.6              | 128.5                         | 111.1                          | 17.39                        | 7.386                    |                                       |
| 3,700.0                                                                                       | 3,665.2                      | 3,681.5                      | 3,639.4                      | 10.7                          | 9.0                  | -57.95                | 168.7               | -320.9              | 133.8                         | 116.1                          | 17.76                        | 7.536                    |                                       |
| 3,800.0                                                                                       | 3,761.6                      | 3,781.3                      | 3,735.0                      | 11.1                          | 9.2                  | -58.42                | 182.6               | -346.1              | 139.2                         | 121.1                          | 18.13                        | 7.676                    |                                       |
| 3,900.0                                                                                       | 3,858.0                      | 3,881.2                      | 3,830.6                      | 11.5                          | 9.3                  | -58.85                | 196.5               | -371.3              | 144.6                         | 126.1                          | 18.52                        | 7.807                    |                                       |
| 4,000.0                                                                                       | 3,954.4                      | 3,981.0                      | 3,926.2                      | 11.9                          | 9.5                  | -59.24                | 210.4               | -396.6              | 150.0                         | 131.0                          | 18.91                        | 7.929                    |                                       |
| 4,100.0                                                                                       | 4,050.8                      | 4,080.9                      | 4,021.8                      | 12.3                          | 9.7                  | -59.61                | 224.4               | -421.8              | 155.4                         | 136.0                          | 19.31                        | 8.043                    |                                       |
| 4,200.0                                                                                       | 4,147.1                      | 4,180.7                      | 4,117.4                      | 12.7                          | 9.9                  | -59.96                | 238.3               | -447.1              | 160.8                         | 141.0                          | 19.72                        | 8.150                    |                                       |
| 4,300.0                                                                                       | 4,243.5                      | 4,280.6                      | 4,213.0                      | 13.1                          | 10.1                 | -60.28                | 252.2               | -472.3              | 166.2                         | 146.0                          | 20.14                        | 8.250                    |                                       |
| 4,400.0                                                                                       | 4,339.9                      | 4,380.4                      | 4,308.6                      | 13.6                          | 10.2                 | -60.59                | 266.1               | -497.6              | 171.6                         | 151.0                          | 20.56                        | 8.344                    |                                       |
| 4,500.0                                                                                       | 4,436.3                      | 4,480.3                      | 4,404.2                      | 14.0                          | 10.4                 | -60.87                | 280.0               | -522.8              | 177.0                         | 156.0                          | 20.99                        | 8.432                    |                                       |
| 4,600.0                                                                                       | 4,532.7                      | 4,580.1                      | 4,499.8                      | 14.4                          | 10.6                 | -61.14                | 294.0               | -548.0              | 182.4                         | 161.0                          | 21.42                        | 8.514                    |                                       |
| 4,700.0                                                                                       | 4,629.1                      | 4,680.0                      | 4,595.4                      | 14.8                          | 10.8                 | -61.39                | 307.9               | -573.3              | 187.8                         | 166.0                          | 21.86                        | 8.591                    |                                       |
| 4,800.0                                                                                       | 4,725.5                      | 4,779.8                      | 4,691.0                      | 15.3                          | 11.0                 | -61.63                | 321.8               | -598.5              | 193.2                         | 170.9                          | 22.31                        | 8.663                    |                                       |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                             |                         |                   | Offset Site Error: 0.0 usft |                       |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-----------------------------|-------------------------|-------------------|-----------------------------|-----------------------|
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR                                                |                       |                       |                       | Rule Assigned:   |               |                       |                        |              | 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) |                   |                             | No-Go Distance (usft) |
| 4,900.0                                                                                | 4,821.9               | 4,879.7               | 4,786.6               | 15.7             | 11.2          | -61.86                | 335.7                  | -623.8       | 198.7                       | 175.9                   | 22.76             | 8.730                       |                       |
| 5,000.0                                                                                | 4,918.3               | 4,979.5               | 4,882.2               | 16.2             | 11.4          | -62.07                | 349.7                  | -649.0       | 204.1                       | 180.9                   | 23.21             | 8.794                       |                       |
| 5,100.0                                                                                | 5,014.7               | 5,079.3               | 4,977.8               | 16.6             | 11.6          | -62.27                | 363.6                  | -674.2       | 209.5                       | 185.9                   | 23.67             | 8.854                       |                       |
| 5,200.0                                                                                | 5,111.1               | 5,179.2               | 5,073.4               | 17.1             | 11.8          | -62.46                | 377.5                  | -699.5       | 215.0                       | 190.8                   | 24.13             | 8.910                       |                       |
| 5,300.0                                                                                | 5,207.4               | 5,279.0               | 5,169.0               | 17.5             | 12.0          | -62.64                | 391.4                  | -724.7       | 220.4                       | 195.8                   | 24.59             | 8.962                       |                       |
| 5,400.0                                                                                | 5,303.8               | 5,378.9               | 5,264.6               | 18.0             | 12.3          | -62.82                | 405.3                  | -750.0       | 225.9                       | 200.8                   | 25.06             | 9.012                       |                       |
| 5,500.0                                                                                | 5,400.2               | 5,478.7               | 5,360.2               | 18.5             | 12.5          | -62.98                | 419.3                  | -775.2       | 231.3                       | 205.8                   | 25.53             | 9.059                       |                       |
| 5,600.0                                                                                | 5,496.6               | 5,578.6               | 5,455.8               | 18.9             | 12.7          | -63.14                | 433.2                  | -800.5       | 236.7                       | 210.7                   | 26.01             | 9.103                       |                       |
| 5,700.0                                                                                | 5,593.0               | 5,678.4               | 5,551.4               | 19.4             | 12.9          | -63.29                | 447.1                  | -825.7       | 242.2                       | 215.7                   | 26.48             | 9.145                       |                       |
| 5,800.0                                                                                | 5,689.4               | 5,778.3               | 5,646.9               | 19.8             | 13.1          | -63.44                | 461.0                  | -850.9       | 247.6                       | 220.7                   | 26.96             | 9.184                       |                       |
| 5,900.0                                                                                | 5,785.8               | 5,878.1               | 5,742.5               | 20.3             | 13.3          | -63.57                | 475.0                  | -876.2       | 253.1                       | 225.6                   | 27.45             | 9.221                       |                       |
| 6,000.0                                                                                | 5,882.2               | 5,978.0               | 5,838.1               | 20.8             | 13.5          | -63.71                | 488.9                  | -901.4       | 258.5                       | 230.6                   | 27.93             | 9.256                       |                       |
| 6,100.0                                                                                | 5,978.6               | 6,077.8               | 5,933.7               | 21.3             | 13.8          | -63.83                | 502.8                  | -926.7       | 264.0                       | 235.6                   | 28.42             | 9.289                       |                       |
| 6,200.0                                                                                | 6,075.0               | 6,177.7               | 6,029.3               | 21.7             | 14.0          | -63.95                | 516.7                  | -951.9       | 269.4                       | 240.5                   | 28.91             | 9.321                       |                       |
| 6,300.0                                                                                | 6,171.3               | 6,277.5               | 6,124.9               | 22.2             | 14.2          | -64.07                | 530.6                  | -977.1       | 274.9                       | 245.5                   | 29.40             | 9.350                       |                       |
| 6,400.0                                                                                | 6,267.7               | 6,377.4               | 6,220.5               | 22.7             | 14.4          | -64.18                | 544.6                  | -1,002.4     | 280.4                       | 250.5                   | 29.89             | 9.378                       |                       |
| 6,500.0                                                                                | 6,364.1               | 6,477.2               | 6,316.1               | 23.2             | 14.7          | -64.29                | 558.5                  | -1,027.6     | 285.8                       | 255.4                   | 30.39             | 9.405                       |                       |
| 6,600.0                                                                                | 6,460.5               | 6,577.1               | 6,411.7               | 23.6             | 14.9          | -64.40                | 572.4                  | -1,052.9     | 291.3                       | 260.4                   | 30.89             | 9.431                       |                       |
| 6,614.6                                                                                | 6,474.6               | 6,591.6               | 6,425.7               | 23.7             | 14.9          | -64.41                | 574.4                  | -1,056.5     | 292.1                       | 261.1                   | 30.95             | 9.436                       |                       |
| 6,700.0                                                                                | 6,557.1               | 6,676.9               | 6,507.3               | 24.1             | 15.1          | -64.43                | 586.3                  | -1,078.1     | 297.0                       | 265.6                   | 31.39             | 9.461                       |                       |
| 6,800.0                                                                                | 6,654.1               | 6,776.7               | 6,602.8               | 24.6             | 15.3          | -64.18                | 600.2                  | -1,103.3     | 303.5                       | 271.6                   | 31.93             | 9.505                       |                       |
| 6,900.0                                                                                | 6,751.5               | 6,876.4               | 6,698.3               | 25.0             | 15.6          | -63.67                | 614.1                  | -1,128.5     | 310.7                       | 278.3                   | 32.49             | 9.563                       |                       |
| 7,000.0                                                                                | 6,849.3               | 6,976.0               | 6,793.6               | 25.5             | 15.8          | -62.90                | 628.0                  | -1,153.7     | 318.8                       | 285.7                   | 33.09             | 9.635                       |                       |
| 7,100.0                                                                                | 6,947.4               | 7,075.4               | 6,888.8               | 26.0             | 16.0          | -61.92                | 641.9                  | -1,178.8     | 327.8                       | 294.1                   | 33.73             | 9.719                       |                       |
| 7,200.0                                                                                | 7,045.8               | 7,174.6               | 6,983.8               | 26.4             | 16.2          | -60.74                | 655.7                  | -1,203.9     | 337.7                       | 303.3                   | 34.40             | 9.817                       |                       |
| 7,300.0                                                                                | 7,144.6               | 7,273.6               | 7,078.6               | 26.8             | 16.5          | -59.40                | 669.5                  | -1,228.9     | 348.7                       | 313.5                   | 35.11             | 9.930                       |                       |
| 7,400.0                                                                                | 7,243.6               | 7,372.4               | 7,173.2               | 27.3             | 16.7          | -57.92                | 683.3                  | -1,253.9     | 360.7                       | 324.9                   | 35.86             | 10.058                      |                       |
| 7,500.0                                                                                | 7,342.8               | 7,470.9               | 7,267.5               | 27.7             | 16.9          | -56.34                | 697.0                  | -1,278.8     | 374.0                       | 337.4                   | 36.65             | 10.204                      |                       |
| 7,600.0                                                                                | 7,442.3               | 7,569.9               | 7,362.2               | 28.1             | 17.2          | -54.66                | 710.8                  | -1,303.8     | 388.6                       | 351.1                   | 37.47             | 10.372                      |                       |
| 7,700.0                                                                                | 7,541.9               | 7,673.2               | 7,461.5               | 28.4             | 17.4          | -52.94                | 724.7                  | -1,328.9     | 403.8                       | 365.4                   | 38.31             | 10.539                      |                       |
| 7,800.0                                                                                | 7,641.6               | 7,776.9               | 7,561.7               | 28.8             | 17.6          | -51.33                | 737.7                  | -1,352.6     | 419.0                       | 379.8                   | 39.14             | 10.705                      |                       |
| 7,900.0                                                                                | 7,741.5               | 7,881.0               | 7,662.7               | 29.2             | 17.8          | -49.80                | 749.9                  | -1,374.7     | 434.2                       | 394.3                   | 39.94             | 10.873                      |                       |
| 8,000.0                                                                                | 7,841.4               | 7,985.5               | 7,764.5               | 29.5             | 18.1          | -48.36                | 761.3                  | -1,395.2     | 449.5                       | 408.8                   | 40.70             | 11.044                      |                       |
| 8,100.0                                                                                | 7,941.4               | 8,090.4               | 7,867.1               | 29.7             | 18.3          | -46.98                | 771.7                  | -1,414.3     | 464.8                       | 423.4                   | 41.42             | 11.223                      |                       |
| 8,158.6                                                                                | 8,000.0               | 8,152.1               | 7,927.6               | 29.8             | 18.4          | -97.06                | 777.5                  | -1,424.7     | 473.8                       | 432.0                   | 41.77             | 11.344                      |                       |
| 8,200.0                                                                                | 8,041.4               | 8,195.7               | 7,970.5               | 29.8             | 18.5          | -96.49                | 781.4                  | -1,431.7     | 480.0                       | 438.0                   | 41.98             | 11.435                      |                       |
| 8,300.0                                                                                | 8,141.4               | 8,301.7               | 8,074.9               | 29.9             | 18.7          | -95.26                | 790.1                  | -1,447.6     | 494.1                       | 451.7                   | 42.46             | 11.638                      |                       |
| 8,400.0                                                                                | 8,241.4               | 8,408.3               | 8,180.3               | 29.9             | 18.9          | -94.22                | 798.0                  | -1,461.8     | 506.9                       | 464.0                   | 42.88             | 11.822                      |                       |
| 8,500.0                                                                                | 8,341.4               | 8,515.5               | 8,286.5               | 29.9             | 19.1          | -93.35                | 804.9                  | -1,474.4     | 518.2                       | 474.9                   | 43.24             | 11.984                      |                       |
| 8,600.0                                                                                | 8,441.4               | 8,623.2               | 8,393.5               | 30.0             | 19.3          | -92.62                | 810.9                  | -1,485.3     | 528.0                       | 484.5                   | 43.56             | 12.123                      |                       |
| 8,700.0                                                                                | 8,541.4               | 8,731.3               | 8,501.1               | 30.0             | 19.5          | -92.04                | 816.0                  | -1,494.5     | 536.3                       | 492.5                   | 43.82             | 12.238                      |                       |
| 8,800.0                                                                                | 8,641.4               | 8,839.8               | 8,609.3               | 30.0             | 19.6          | -91.58                | 820.1                  | -1,501.9     | 543.0                       | 499.0                   | 44.04             | 12.329                      |                       |
| 8,900.0                                                                                | 8,741.4               | 8,948.6               | 8,717.9               | 30.1             | 19.8          | -91.24                | 823.2                  | -1,507.5     | 548.1                       | 503.9                   | 44.22             | 12.394                      |                       |
| 9,000.0                                                                                | 8,841.4               | 9,057.6               | 8,826.7               | 30.1             | 19.9          | -91.01                | 825.3                  | -1,511.3     | 551.6                       | 507.2                   | 44.36             | 12.435                      |                       |
| 9,100.0                                                                                | 8,941.4               | 9,166.7               | 8,935.8               | 30.2             | 20.1          | -90.89                | 826.4                  | -1,513.3     | 553.4                       | 509.0                   | 44.45             | 12.450                      |                       |
| 9,200.0                                                                                | 9,041.4               | 9,272.3               | 9,041.4               | 30.2             | 20.2          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 509.2                   | 44.50             | 12.442                      |                       |
| 9,300.0                                                                                | 9,141.4               | 9,372.3               | 9,141.4               | 30.2             | 20.2          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 509.1                   | 44.60             | 12.416                      |                       |
| 9,400.0                                                                                | 9,241.4               | 9,472.3               | 9,241.4               | 30.3             | 20.3          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 509.0                   | 44.70             | 12.389                      |                       |
| 9,500.0                                                                                | 9,341.4               | 9,572.3               | 9,341.4               | 30.3             | 20.3          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 508.9                   | 44.79             | 12.362                      |                       |
| 9,600.0                                                                                | 9,441.4               | 9,672.3               | 9,441.4               | 30.4             | 20.4          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 508.8                   | 44.89             | 12.335                      |                       |
| 9,700.0                                                                                | 9,541.4               | 9,772.3               | 9,541.4               | 30.4             | 20.4          | -90.87                | 826.6                  | -1,513.7     | 553.7                       | 508.7                   | 44.99             | 12.308                      |                       |

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

ConocoPhillips

Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                        |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|----------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR                                                |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | 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) |                      |                    |          |
| 9,800.0                                                                                | 9,641.4                     | 9,872.3                     | 9,641.4                     | 30.4                | 20.5             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.6                         | 45.09                | 12.281             |          |
| 9,900.0                                                                                | 9,741.4                     | 9,972.3                     | 9,741.4                     | 30.5                | 20.6             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.5                         | 45.19                | 12.254             |          |
| 10,000.0                                                                               | 9,841.4                     | 10,072.3                    | 9,841.4                     | 30.5                | 20.6             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.4                         | 45.29                | 12.227             |          |
| 10,100.0                                                                               | 9,941.4                     | 10,172.3                    | 9,941.4                     | 30.6                | 20.7             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.3                         | 45.39                | 12.200             |          |
| 10,200.0                                                                               | 10,041.4                    | 10,272.3                    | 10,041.4                    | 30.6                | 20.7             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.2                         | 45.49                | 12.173             |          |
| 10,300.0                                                                               | 10,141.4                    | 10,372.3                    | 10,141.4                    | 30.6                | 20.8             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.1                         | 45.59                | 12.146             |          |
| 10,400.0                                                                               | 10,241.4                    | 10,472.3                    | 10,241.4                    | 30.7                | 20.8             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 508.0                         | 45.69                | 12.119             |          |
| 10,500.0                                                                               | 10,341.4                    | 10,572.3                    | 10,341.4                    | 30.7                | 20.9             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.9                         | 45.79                | 12.092             |          |
| 10,600.0                                                                               | 10,441.4                    | 10,672.3                    | 10,441.4                    | 30.8                | 21.0             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.8                         | 45.89                | 12.066             |          |
| 10,700.0                                                                               | 10,541.4                    | 10,772.3                    | 10,541.4                    | 30.8                | 21.0             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.7                         | 46.00                | 12.039             |          |
| 10,800.0                                                                               | 10,641.4                    | 10,872.3                    | 10,641.4                    | 30.9                | 21.1             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.6                         | 46.10                | 12.012             |          |
| 10,900.0                                                                               | 10,741.4                    | 10,972.3                    | 10,741.4                    | 30.9                | 21.1             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.5                         | 46.20                | 11.985             |          |
| 11,000.0                                                                               | 10,841.4                    | 11,072.3                    | 10,841.4                    | 30.9                | 21.2             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.4                         | 46.30                | 11.959             |          |
| 11,100.0                                                                               | 10,941.4                    | 11,172.3                    | 10,941.4                    | 31.0                | 21.3             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.3                         | 46.41                | 11.932             |          |
| 11,200.0                                                                               | 11,041.4                    | 11,272.3                    | 11,041.4                    | 31.0                | 21.3             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.2                         | 46.51                | 11.905             |          |
| 11,300.0                                                                               | 11,141.4                    | 11,372.3                    | 11,141.4                    | 31.1                | 21.4             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.1                         | 46.62                | 11.879             |          |
| 11,400.0                                                                               | 11,241.4                    | 11,472.3                    | 11,241.4                    | 31.1                | 21.4             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.0                         | 46.72                | 11.852             |          |
| 11,404.0                                                                               | 11,245.4                    | 11,476.2                    | 11,245.4                    | 31.1                | 21.4             | -90.87                      | 826.6                  | -1,513.7        | 553.7                        | 507.0                         | 46.72                | 11.851             |          |
| 11,500.0                                                                               | 11,341.4                    | 11,571.9                    | 11,341.0                    | 31.2                | 21.5             | -90.97                      | 825.7                  | -1,513.7        | 553.7                        | 507.0                         | 46.78                | 11.837             |          |
| 11,600.0                                                                               | 11,441.4                    | 11,667.9                    | 11,435.6                    | 31.2                | 21.4             | -92.57                      | 810.2                  | -1,513.6        | 554.2                        | 507.7                         | 46.47                | 11.925             |          |
| 11,692.1                                                                               | 11,533.5                    | 11,748.3                    | 11,511.1                    | 31.2                | 21.3             | -95.38                      | 782.9                  | -1,513.4        | 556.3                        | 510.4                         | 45.95                | 12.108             |          |
| 11,700.0                                                                               | 11,541.4                    | 11,754.7                    | 11,516.9                    | 31.2                | 21.3             | 75.41                       | 780.1                  | -1,513.4        | 556.6                        | 510.7                         | 45.90                | 12.128             |          |
| 11,725.0                                                                               | 11,566.3                    | 11,775.0                    | 11,535.0                    | 31.2                | 21.3             | 74.44                       | 771.0                  | -1,513.3        | 557.6                        | 511.8                         | 45.75                | 12.187             |          |
| 11,750.0                                                                               | 11,591.2                    | 11,794.8                    | 11,552.3                    | 31.1                | 21.3             | 73.52                       | 761.4                  | -1,513.3        | 558.5                        | 512.9                         | 45.64                | 12.238             |          |
| 11,775.0                                                                               | 11,616.0                    | 11,814.4                    | 11,569.0                    | 31.1                | 21.3             | 72.63                       | 751.2                  | -1,513.2        | 559.4                        | 513.8                         | 45.54                | 12.282             |          |
| 11,800.0                                                                               | 11,640.5                    | 11,833.7                    | 11,585.1                    | 31.0                | 21.2             | 71.78                       | 740.4                  | -1,513.1        | 560.2                        | 514.7                         | 45.47                | 12.319             |          |
| 11,825.0                                                                               | 11,664.7                    | 11,852.9                    | 11,600.6                    | 31.0                | 21.2             | 70.97                       | 729.1                  | -1,513.1        | 560.8                        | 515.4                         | 45.42                | 12.347             |          |
| 11,850.0                                                                               | 11,688.5                    | 11,871.8                    | 11,615.4                    | 30.9                | 21.2             | 70.20                       | 717.4                  | -1,513.0        | 561.4                        | 516.0                         | 45.40                | 12.367             |          |
| 11,875.0                                                                               | 11,711.9                    | 11,890.5                    | 11,629.6                    | 30.8                | 21.2             | 69.48                       | 705.2                  | -1,512.9        | 561.9                        | 516.5                         | 45.40                | 12.377             |          |
| 11,900.0                                                                               | 11,734.9                    | 11,909.0                    | 11,643.1                    | 30.8                | 21.2             | 68.79                       | 692.6                  | -1,512.8        | 562.3                        | 516.8                         | 45.42                | 12.378             |          |
| 11,925.0                                                                               | 11,757.2                    | 11,925.0                    | 11,654.5                    | 30.7                | 21.2             | 68.22                       | 681.3                  | -1,512.8        | 562.5                        | 517.0                         | 45.53                | 12.355             |          |
| 11,950.0                                                                               | 11,779.0                    | 11,945.6                    | 11,668.4                    | 30.6                | 21.2             | 67.54                       | 666.2                  | -1,512.7        | 562.6                        | 517.0                         | 45.54                | 12.353             |          |
| 11,975.0                                                                               | 11,800.1                    | 11,963.6                    | 11,680.2                    | 30.6                | 21.2             | 66.98                       | 652.5                  | -1,512.6        | 562.5                        | 516.9                         | 45.64                | 12.325             |          |
| 12,000.0                                                                               | 11,820.5                    | 11,981.5                    | 11,691.3                    | 30.5                | 21.2             | 66.46                       | 638.5                  | -1,512.5        | 562.3                        | 516.5                         | 45.75                | 12.289             |          |
| 12,025.0                                                                               | 11,840.1                    | 12,000.0                    | 11,702.2                    | 30.5                | 21.2             | 65.97                       | 623.6                  | -1,512.4        | 561.9                        | 516.0                         | 45.88                | 12.247             |          |
| 12,050.0                                                                               | 11,858.8                    | 12,016.9                    | 11,711.7                    | 30.4                | 21.2             | 65.56                       | 609.5                  | -1,512.3        | 561.3                        | 515.2                         | 46.06                | 12.187             |          |
| 12,075.0                                                                               | 11,876.6                    | 12,034.5                    | 11,721.0                    | 30.3                | 21.2             | 65.17                       | 594.7                  | -1,512.2        | 560.5                        | 514.3                         | 46.24                | 12.122             |          |
| 12,100.0                                                                               | 11,893.5                    | 12,050.0                    | 11,728.8                    | 30.3                | 21.2             | 64.87                       | 581.2                  | -1,512.1        | 559.6                        | 513.1                         | 46.49                | 12.035             |          |
| 12,125.0                                                                               | 11,909.5                    | 12,069.3                    | 11,737.8                    | 30.2                | 21.2             | 64.53                       | 564.2                  | -1,512.0        | 558.4                        | 511.7                         | 46.66                | 11.967             |          |
| 12,150.0                                                                               | 11,924.4                    | 12,086.6                    | 11,745.3                    | 30.2                | 21.2             | 64.27                       | 548.6                  | -1,511.9        | 557.1                        | 510.2                         | 46.90                | 11.877             |          |
| 12,175.0                                                                               | 11,938.2                    | 12,103.8                    | 11,752.2                    | 30.2                | 21.2             | 64.06                       | 532.9                  | -1,511.8        | 555.5                        | 508.3                         | 47.16                | 11.780             |          |
| 12,200.0                                                                               | 11,950.9                    | 12,120.9                    | 11,758.5                    | 30.1                | 21.2             | 63.90                       | 516.9                  | -1,511.7        | 553.7                        | 506.3                         | 47.43                | 11.676             |          |
| 12,225.0                                                                               | 11,962.4                    | 12,138.0                    | 11,764.2                    | 30.1                | 21.2             | 63.78                       | 500.9                  | -1,511.6        | 551.8                        | 504.1                         | 47.71                | 11.566             |          |
| 12,250.0                                                                               | 11,972.8                    | 12,155.0                    | 11,769.3                    | 30.1                | 21.2             | 63.70                       | 484.6                  | -1,511.5        | 549.6                        | 501.6                         | 48.00                | 11.450             |          |
| 12,275.0                                                                               | 11,982.0                    | 12,175.0                    | 11,774.6                    | 30.1                | 21.2             | 63.63                       | 465.3                  | -1,511.4        | 547.2                        | 499.0                         | 48.22                | 11.349             |          |
| 12,300.0                                                                               | 11,990.0                    | 12,188.9                    | 11,777.8                    | 30.0                | 21.2             | 63.70                       | 451.8                  | -1,511.3        | 544.6                        | 496.0                         | 48.62                | 11.202             |          |
| 12,325.0                                                                               | 11,996.7                    | 12,205.8                    | 11,781.1                    | 30.0                | 21.2             | 63.76                       | 435.2                  | -1,511.2        | 541.8                        | 492.9                         | 48.94                | 11.072             |          |
| 12,350.0                                                                               | 12,002.1                    | 12,225.0                    | 11,784.2                    | 30.0                | 21.3             | 63.85                       | 416.3                  | -1,511.1        | 538.8                        | 489.7                         | 49.19                | 10.953             |          |
| 12,375.0                                                                               | 12,006.3                    | 12,239.5                    | 11,786.0                    | 30.0                | 21.3             | 64.04                       | 401.9                  | -1,511.0        | 535.6                        | 486.1                         | 49.58                | 10.803             |          |
| 12,400.0                                                                               | 12,009.1                    | 12,256.4                    | 11,787.6                    | 30.0                | 21.3             | 64.25                       | 385.1                  | -1,510.9        | 532.2                        | 482.3                         | 49.91                | 10.664             |          |
| 12,425.0                                                                               | 12,010.7                    | 12,275.0                    | 11,788.6                    | 30.1                | 21.3             | 64.50                       | 366.5                  | -1,510.8        | 528.6                        | 478.5                         | 50.18                | 10.535             |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                          |                           |          |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|--------------------------|---------------------------|----------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                          | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1+SAG+FDIR                                                |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                          | <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>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> |                          |                           |          |
| 12,442.1                                                                                      | 12,011.0                     | 12,284.7                     | 11,788.9                     | 30.1                    | 21.3                 | 64.72                        | 356.8                         | -1,510.7            | 526.1                         | 475.6                          | 50.45                    | 10.428                    |          |
| 12,500.0                                                                                      | 12,011.0                     | 12,338.4                     | 11,789.0                     | 30.1                    | 21.4                 | 64.41                        | 303.1                         | -1,510.4            | 518.1                         | 467.3                          | 50.83                    | 10.193                    |          |
| 12,600.0                                                                                      | 12,011.0                     | 12,437.6                     | 11,789.0                     | 30.2                    | 21.6                 | 63.90                        | 203.9                         | -1,509.8            | 507.0                         | 455.6                          | 51.41                    | 9.863                     |          |
| 12,700.0                                                                                      | 12,011.0                     | 12,537.2                     | 11,789.0                     | 30.4                    | 21.7                 | 63.53                        | 104.3                         | -1,509.2            | 499.0                         | 447.0                          | 52.02                    | 9.593                     |          |
| 12,800.0                                                                                      | 12,011.0                     | 12,637.1                     | 11,789.0                     | 30.5                    | 21.9                 | 63.29                        | 4.4                           | -1,508.5            | 494.2                         | 441.5                          | 52.66                    | 9.384                     |          |
| 12,900.0                                                                                      | 12,011.0                     | 12,737.0                     | 11,789.0                     | 30.7                    | 22.1                 | 63.21                        | -95.5                         | -1,507.9            | 492.5                         | 439.1                          | 53.34                    | 9.233                     |          |
| 12,905.0                                                                                      | 12,011.0                     | 12,742.1                     | 11,789.0                     | 30.7                    | 22.1                 | 63.21                        | -100.6                        | -1,507.9            | 492.5                         | 439.1                          | 53.37                    | 9.227                     |          |
| 12,905.2                                                                                      | 12,011.0                     | 12,742.2                     | 11,789.0                     | 30.7                    | 22.1                 | 63.21                        | -100.7                        | -1,507.9            | 492.5                         | 439.1                          | 53.37                    | 9.227                     |          |
| 13,000.0                                                                                      | 12,011.0                     | 12,837.1                     | 11,789.0                     | 30.9                    | 22.3                 | 63.21                        | -195.5                        | -1,507.3            | 492.5                         | 438.4                          | 54.02                    | 9.116                     |          |
| 13,100.0                                                                                      | 12,011.0                     | 12,937.1                     | 11,789.0                     | 31.1                    | 22.5                 | 63.21                        | -295.5                        | -1,506.7            | 492.5                         | 437.7                          | 54.75                    | 8.995                     |          |
| 13,200.0                                                                                      | 12,011.0                     | 13,037.1                     | 11,789.0                     | 31.3                    | 22.8                 | 63.21                        | -395.5                        | -1,506.0            | 492.5                         | 437.0                          | 55.52                    | 8.870                     |          |
| 13,300.0                                                                                      | 12,011.0                     | 13,137.1                     | 11,789.0                     | 31.5                    | 23.1                 | 63.21                        | -495.5                        | -1,505.4            | 492.5                         | 436.1                          | 56.33                    | 8.742                     |          |
| 13,400.0                                                                                      | 12,011.0                     | 13,237.1                     | 11,789.0                     | 31.8                    | 23.4                 | 63.21                        | -595.5                        | -1,504.8            | 492.5                         | 435.3                          | 57.19                    | 8.612                     |          |
| 13,500.0                                                                                      | 12,011.0                     | 13,337.1                     | 11,789.0                     | 32.1                    | 23.7                 | 63.21                        | -695.5                        | -1,504.2            | 492.5                         | 434.4                          | 58.08                    | 8.480                     |          |
| 13,600.0                                                                                      | 12,011.0                     | 13,437.1                     | 11,789.0                     | 32.4                    | 24.0                 | 63.21                        | -795.5                        | -1,503.5            | 492.5                         | 433.5                          | 59.00                    | 8.347                     |          |
| 13,700.0                                                                                      | 12,011.0                     | 13,537.1                     | 11,789.0                     | 32.7                    | 24.3                 | 63.21                        | -895.5                        | -1,502.9            | 492.5                         | 432.5                          | 59.97                    | 8.213                     |          |
| 13,800.0                                                                                      | 12,011.0                     | 13,637.1                     | 11,789.0                     | 33.1                    | 24.7                 | 63.21                        | -995.5                        | -1,502.3            | 492.5                         | 431.5                          | 60.96                    | 8.079                     |          |
| 13,900.0                                                                                      | 12,011.0                     | 13,737.1                     | 11,789.0                     | 33.4                    | 25.1                 | 63.21                        | -1,095.5                      | -1,501.7            | 492.5                         | 430.5                          | 61.98                    | 7.946                     |          |
| 14,000.0                                                                                      | 12,011.0                     | 13,837.1                     | 11,789.0                     | 33.8                    | 25.5                 | 63.21                        | -1,195.5                      | -1,501.0            | 492.5                         | 429.5                          | 63.04                    | 7.813                     |          |
| 14,100.0                                                                                      | 12,011.0                     | 13,937.1                     | 11,789.0                     | 34.2                    | 26.0                 | 63.21                        | -1,295.5                      | -1,500.4            | 492.5                         | 428.4                          | 64.12                    | 7.681                     |          |
| 14,200.0                                                                                      | 12,011.0                     | 14,037.1                     | 11,789.0                     | 34.7                    | 26.4                 | 63.21                        | -1,395.5                      | -1,499.8            | 492.5                         | 427.3                          | 65.23                    | 7.551                     |          |
| 14,300.0                                                                                      | 12,011.0                     | 14,137.1                     | 11,789.0                     | 35.1                    | 26.9                 | 63.21                        | -1,495.5                      | -1,499.2            | 492.5                         | 426.2                          | 66.37                    | 7.422                     |          |
| 14,400.0                                                                                      | 12,011.0                     | 14,237.1                     | 11,789.0                     | 35.6                    | 27.4                 | 63.21                        | -1,595.5                      | -1,498.5            | 492.5                         | 425.0                          | 67.52                    | 7.294                     |          |
| 14,500.0                                                                                      | 12,011.0                     | 14,337.1                     | 11,789.0                     | 36.1                    | 27.9                 | 63.21                        | -1,695.5                      | -1,497.9            | 492.5                         | 423.8                          | 68.71                    | 7.169                     |          |
| 14,600.0                                                                                      | 12,011.0                     | 14,437.1                     | 11,789.0                     | 36.7                    | 28.4                 | 63.21                        | -1,795.5                      | -1,497.3            | 492.6                         | 422.6                          | 69.91                    | 7.046                     |          |
| 14,700.0                                                                                      | 12,011.0                     | 14,537.1                     | 11,789.0                     | 37.2                    | 28.9                 | 63.21                        | -1,895.5                      | -1,496.7            | 492.6                         | 421.4                          | 71.13                    | 6.924                     |          |
| 14,800.0                                                                                      | 12,011.0                     | 14,637.1                     | 11,789.0                     | 37.8                    | 29.5                 | 63.21                        | -1,995.5                      | -1,496.0            | 492.6                         | 420.2                          | 72.38                    | 6.806                     |          |
| 14,900.0                                                                                      | 12,011.0                     | 14,737.1                     | 11,789.0                     | 38.3                    | 30.0                 | 63.21                        | -2,095.5                      | -1,495.4            | 492.6                         | 418.9                          | 73.64                    | 6.689                     |          |
| 15,000.0                                                                                      | 12,011.0                     | 14,837.1                     | 11,789.0                     | 38.9                    | 30.6                 | 63.21                        | -2,195.5                      | -1,494.8            | 492.6                         | 417.7                          | 74.92                    | 6.575                     |          |
| 15,100.0                                                                                      | 12,011.0                     | 14,937.1                     | 11,789.0                     | 39.6                    | 31.2                 | 63.21                        | -2,295.5                      | -1,494.2            | 492.6                         | 416.4                          | 76.21                    | 6.463                     |          |
| 15,200.0                                                                                      | 12,011.0                     | 15,037.1                     | 11,789.0                     | 40.2                    | 31.8                 | 63.21                        | -2,395.5                      | -1,493.5            | 492.6                         | 415.1                          | 77.53                    | 6.354                     |          |
| 15,300.0                                                                                      | 12,011.0                     | 15,137.1                     | 11,789.0                     | 40.8                    | 32.4                 | 63.21                        | -2,495.5                      | -1,492.9            | 492.6                         | 413.7                          | 78.85                    | 6.247                     |          |
| 15,400.0                                                                                      | 12,011.0                     | 15,237.1                     | 11,789.0                     | 41.5                    | 33.0                 | 63.21                        | -2,595.5                      | -1,492.3            | 492.6                         | 412.4                          | 80.20                    | 6.142                     |          |
| 15,500.0                                                                                      | 12,011.0                     | 15,337.1                     | 11,789.0                     | 42.2                    | 33.7                 | 63.21                        | -2,695.5                      | -1,491.7            | 492.6                         | 411.0                          | 81.55                    | 6.040                     |          |
| 15,600.0                                                                                      | 12,011.0                     | 15,437.1                     | 11,789.0                     | 42.9                    | 34.3                 | 63.21                        | -2,795.5                      | -1,491.0            | 492.6                         | 409.7                          | 82.92                    | 5.941                     |          |
| 15,700.0                                                                                      | 12,011.0                     | 15,537.1                     | 11,789.0                     | 43.6                    | 35.0                 | 63.21                        | -2,895.5                      | -1,490.4            | 492.6                         | 408.3                          | 84.30                    | 5.844                     |          |
| 15,800.0                                                                                      | 12,011.0                     | 15,637.1                     | 11,789.0                     | 44.3                    | 35.6                 | 63.21                        | -2,995.5                      | -1,489.8            | 492.6                         | 406.9                          | 85.69                    | 5.749                     |          |
| 15,900.0                                                                                      | 12,011.0                     | 15,737.1                     | 11,789.0                     | 45.0                    | 36.3                 | 63.21                        | -3,095.5                      | -1,489.2            | 492.6                         | 405.5                          | 87.09                    | 5.656                     |          |
| 16,000.0                                                                                      | 12,011.0                     | 15,837.1                     | 11,789.0                     | 45.7                    | 37.0                 | 63.21                        | -3,195.5                      | -1,488.6            | 492.6                         | 404.1                          | 88.51                    | 5.566                     |          |
| 16,100.0                                                                                      | 12,011.0                     | 15,937.1                     | 11,789.0                     | 46.5                    | 37.7                 | 63.22                        | -3,295.5                      | -1,487.9            | 492.6                         | 402.7                          | 89.93                    | 5.478                     |          |
| 16,200.0                                                                                      | 12,011.0                     | 16,037.1                     | 11,789.0                     | 47.2                    | 38.3                 | 63.22                        | -3,395.5                      | -1,487.3            | 492.6                         | 401.3                          | 91.36                    | 5.392                     |          |
| 16,300.0                                                                                      | 12,011.0                     | 16,137.1                     | 11,789.0                     | 48.0                    | 39.0                 | 63.22                        | -3,495.5                      | -1,486.7            | 492.6                         | 399.8                          | 92.81                    | 5.308                     |          |
| 16,400.0                                                                                      | 12,011.0                     | 16,237.1                     | 11,789.0                     | 48.8                    | 39.8                 | 63.22                        | -3,595.5                      | -1,486.1            | 492.6                         | 398.4                          | 94.26                    | 5.227                     |          |
| 16,500.0                                                                                      | 12,011.0                     | 16,337.1                     | 11,789.0                     | 49.5                    | 40.5                 | 63.22                        | -3,695.5                      | -1,485.4            | 492.7                         | 396.9                          | 95.72                    | 5.147                     |          |
| 16,600.0                                                                                      | 12,011.0                     | 16,437.1                     | 11,789.0                     | 50.3                    | 41.2                 | 63.22                        | -3,795.5                      | -1,484.8            | 492.7                         | 395.5                          | 97.19                    | 5.069                     |          |
| 16,700.0                                                                                      | 12,011.0                     | 16,537.1                     | 11,789.0                     | 51.1                    | 41.9                 | 63.22                        | -3,895.5                      | -1,484.2            | 492.7                         | 394.0                          | 98.66                    | 4.993                     |          |
| 16,800.0                                                                                      | 12,011.0                     | 16,637.1                     | 11,789.0                     | 51.9                    | 42.6                 | 63.22                        | -3,995.5                      | -1,483.6            | 492.7                         | 392.5                          | 100.14                   | 4.920                     |          |
| 16,900.0                                                                                      | 12,011.0                     | 16,737.1                     | 11,789.0                     | 52.7                    | 43.4                 | 63.22                        | -4,095.5                      | -1,482.9            | 492.7                         | 391.0                          | 101.63                   | 4.848                     |          |
| 17,000.0                                                                                      | 12,011.0                     | 16,837.1                     | 11,789.0                     | 53.5                    | 44.1                 | 63.22                        | -4,195.5                      | -1,482.3            | 492.7                         | 389.5                          | 103.13                   | 4.777                     |          |
| 17,100.0                                                                                      | 12,011.0                     | 16,937.1                     | 11,789.0                     | 54.4                    | 44.8                 | 63.22                        | -4,295.5                      | -1,481.7            | 492.7                         | 388.1                          | 104.63                   | 4.709                     |          |
| 17,200.0                                                                                      | 12,011.0                     | 17,037.1                     | 11,789.0                     | 55.2                    | 45.6                 | 63.22                        | -4,395.5                      | -1,481.1            | 492.7                         | 386.5                          | 106.14                   | 4.642                     |          |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                        |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |          |
|----------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 707H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             | Offset Site Error:   | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR                                                |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             | Offset Well Error:   | 3.0 usft |
| Reference                                                                              |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | No-Go<br>Distance<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) |                             |                      |          |
| 17,300.0                                                                               | 12,011.0                    | 17,137.1                    | 11,789.0                    | 56.0                | 46.3             | 63.22                       | -4,495.5               | -1,480.4        | 492.7                        | 385.0                         | 107.66                      | 4.577                |          |
| 17,400.0                                                                               | 12,011.0                    | 17,237.1                    | 11,789.0                    | 56.8                | 47.1             | 63.22                       | -4,595.5               | -1,479.8        | 492.7                        | 383.5                         | 109.18                      | 4.513                |          |
| 17,500.0                                                                               | 12,011.0                    | 17,337.1                    | 11,789.0                    | 57.7                | 47.9             | 63.22                       | -4,695.5               | -1,479.2        | 492.7                        | 382.0                         | 110.70                      | 4.451                |          |
| 17,600.0                                                                               | 12,011.0                    | 17,437.1                    | 11,789.0                    | 58.5                | 48.6             | 63.22                       | -4,795.5               | -1,478.6        | 492.7                        | 380.5                         | 112.23                      | 4.390                |          |
| 17,700.0                                                                               | 12,011.0                    | 17,537.1                    | 11,789.0                    | 59.4                | 49.4             | 63.22                       | -4,895.5               | -1,477.9        | 492.7                        | 378.9                         | 113.77                      | 4.331                |          |
| 17,800.0                                                                               | 12,011.0                    | 17,637.1                    | 11,789.0                    | 60.2                | 50.1             | 63.22                       | -4,995.5               | -1,477.3        | 492.7                        | 377.4                         | 115.31                      | 4.273                |          |
| 17,900.0                                                                               | 12,011.0                    | 17,737.1                    | 11,789.0                    | 61.1                | 50.9             | 63.22                       | -5,095.4               | -1,476.7        | 492.7                        | 375.9                         | 116.85                      | 4.217                |          |
| 18,000.0                                                                               | 12,011.0                    | 17,837.1                    | 11,789.0                    | 61.9                | 51.7             | 63.22                       | -5,195.4               | -1,476.1        | 492.7                        | 374.3                         | 118.40                      | 4.161                |          |
| 18,100.0                                                                               | 12,011.0                    | 17,937.1                    | 11,789.0                    | 62.8                | 52.5             | 63.22                       | -5,295.4               | -1,475.4        | 492.7                        | 372.8                         | 119.96                      | 4.108                |          |
| 18,200.0                                                                               | 12,011.0                    | 18,037.1                    | 11,789.0                    | 63.6                | 53.2             | 63.22                       | -5,395.4               | -1,474.8        | 492.7                        | 371.2                         | 121.51                      | 4.055                |          |
| 18,300.0                                                                               | 12,011.0                    | 18,137.1                    | 11,789.0                    | 64.5                | 54.0             | 63.22                       | -5,495.4               | -1,474.2        | 492.8                        | 369.7                         | 123.08                      | 4.004                |          |
| 18,400.0                                                                               | 12,011.0                    | 18,237.1                    | 11,789.0                    | 65.4                | 54.8             | 63.22                       | -5,595.4               | -1,473.6        | 492.8                        | 368.1                         | 124.64                      | 3.953                |          |
| 18,500.0                                                                               | 12,011.0                    | 18,337.1                    | 11,789.0                    | 66.3                | 55.6             | 63.22                       | -5,695.4               | -1,472.9        | 492.8                        | 366.6                         | 126.21                      | 3.904                |          |
| 18,600.0                                                                               | 12,011.0                    | 18,437.1                    | 11,789.0                    | 67.1                | 56.4             | 63.22                       | -5,795.4               | -1,472.3        | 492.8                        | 365.0                         | 127.78                      | 3.856                |          |
| 18,700.0                                                                               | 12,011.0                    | 18,537.1                    | 11,789.0                    | 68.0                | 57.2             | 63.22                       | -5,895.4               | -1,471.7        | 492.8                        | 363.4                         | 129.36                      | 3.809                |          |
| 18,800.0                                                                               | 12,011.0                    | 18,637.1                    | 11,789.0                    | 68.9                | 58.0             | 63.22                       | -5,995.4               | -1,471.1        | 492.8                        | 361.8                         | 130.94                      | 3.763                |          |
| 18,900.0                                                                               | 12,011.0                    | 18,737.1                    | 11,789.0                    | 69.8                | 58.8             | 63.22                       | -6,095.4               | -1,470.4        | 492.8                        | 360.3                         | 132.52                      | 3.719                |          |
| 19,000.0                                                                               | 12,011.0                    | 18,837.1                    | 11,789.0                    | 70.7                | 59.5             | 63.22                       | -6,195.4               | -1,469.8        | 492.8                        | 358.7                         | 134.10                      | 3.675                |          |
| 19,100.0                                                                               | 12,011.0                    | 18,937.1                    | 11,789.0                    | 71.5                | 60.3             | 63.22                       | -6,295.4               | -1,469.2        | 492.8                        | 357.1                         | 135.69                      | 3.632                |          |
| 19,200.0                                                                               | 12,011.0                    | 19,037.1                    | 11,789.0                    | 72.4                | 61.1             | 63.22                       | -6,395.4               | -1,468.6        | 492.8                        | 355.5                         | 137.28                      | 3.590                |          |
| 19,300.0                                                                               | 12,011.0                    | 19,137.1                    | 11,789.0                    | 73.3                | 61.9             | 63.23                       | -6,495.4               | -1,467.9        | 492.8                        | 353.9                         | 138.88                      | 3.549                |          |
| 19,400.0                                                                               | 12,011.0                    | 19,237.1                    | 11,789.0                    | 74.2                | 62.7             | 63.23                       | -6,595.4               | -1,467.3        | 492.8                        | 352.3                         | 140.47                      | 3.508                |          |
| 19,500.0                                                                               | 12,011.0                    | 19,337.1                    | 11,789.0                    | 75.1                | 63.5             | 63.23                       | -6,695.4               | -1,466.7        | 492.8                        | 350.7                         | 142.07                      | 3.469                |          |
| 19,600.0                                                                               | 12,011.0                    | 19,437.1                    | 11,789.0                    | 76.0                | 64.4             | 63.23                       | -6,795.4               | -1,466.1        | 492.8                        | 349.1                         | 143.67                      | 3.430                |          |
| 19,700.0                                                                               | 12,011.0                    | 19,537.1                    | 11,789.0                    | 76.9                | 65.2             | 63.23                       | -6,895.4               | -1,465.4        | 492.8                        | 347.6                         | 145.27                      | 3.392                |          |
| 19,800.0                                                                               | 12,011.0                    | 19,637.1                    | 11,789.0                    | 77.8                | 66.0             | 63.23                       | -6,995.4               | -1,464.8        | 492.8                        | 346.0                         | 146.81                      | 3.357                |          |
| 19,812.8                                                                               | 12,011.0                    | 19,649.8                    | 11,789.0                    | 77.9                | 66.2             | 63.23                       | -7,008.2               | -1,464.7        | 492.8                        | 345.9                         | 146.94                      | 3.354                |          |

## ConocoPhillips

### Anticollision Report

|                           |                              |                                     |                                   |
|---------------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                                         |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------------------|------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 709H - 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>No-Go Distance (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                          | 0.2                          | 3.0                     | 3.0                  | 125.71                       | -11.6                         | 16.2                | 19.9                          |                                |                              |                                         |                                    |
| 100.0                                                                                         | 100.0                        | 99.8                         | 100.0                        | 3.1                     | 3.1                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 13.3                           | 6.60                         | 3.021                                   |                                    |
| 200.0                                                                                         | 200.0                        | 199.8                        | 200.0                        | 3.3                     | 3.3                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 12.9                           | 7.05                         | 2.828 Normal Operations                 |                                    |
| 300.0                                                                                         | 300.0                        | 299.8                        | 300.0                        | 3.5                     | 3.5                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 12.5                           | 7.48                         | 2.666 Normal Operations                 |                                    |
| 400.0                                                                                         | 400.0                        | 399.8                        | 400.0                        | 3.8                     | 3.8                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 12.1                           | 7.88                         | 2.529 Normal Operations                 |                                    |
| 500.0                                                                                         | 500.0                        | 499.8                        | 500.0                        | 4.0                     | 3.9                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 11.7                           | 8.27                         | 2.411 Caution - Monitor Closely         |                                    |
| 600.0                                                                                         | 600.0                        | 599.8                        | 600.0                        | 4.1                     | 4.1                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 11.3                           | 8.64                         | 2.307 Caution - Monitor Closely         |                                    |
| 700.0                                                                                         | 700.0                        | 699.8                        | 700.0                        | 4.3                     | 4.3                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 10.9                           | 9.00                         | 2.215 Caution - Monitor Closely         |                                    |
| 800.0                                                                                         | 800.0                        | 799.8                        | 800.0                        | 4.5                     | 4.5                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 10.6                           | 9.35                         | 2.132 Caution - Monitor Closely         |                                    |
| 900.0                                                                                         | 900.0                        | 899.8                        | 900.0                        | 4.7                     | 4.7                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 10.3                           | 9.69                         | 2.058 Caution - Monitor Closely         |                                    |
| 1,000.0                                                                                       | 1,000.0                      | 999.8                        | 1,000.0                      | 4.8                     | 4.8                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 9.9                            | 10.02                        | 1.991 Caution - Monitor Closely         |                                    |
| 1,100.0                                                                                       | 1,100.0                      | 1,099.8                      | 1,100.0                      | 5.0                     | 5.0                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 9.6                            | 10.34                        | 1.929 Caution - Monitor Closely         |                                    |
| 1,200.0                                                                                       | 1,200.0                      | 1,199.8                      | 1,200.0                      | 5.2                     | 5.2                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 9.3                            | 10.65                        | 1.873 Caution - Monitor Closely         |                                    |
| 1,300.0                                                                                       | 1,300.0                      | 1,299.8                      | 1,300.0                      | 5.3                     | 5.3                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 9.0                            | 10.95                        | 1.820 Caution - Monitor Closely         |                                    |
| 1,400.0                                                                                       | 1,400.0                      | 1,399.8                      | 1,400.0                      | 5.5                     | 5.5                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 8.7                            | 11.25                        | 1.772 Caution - Monitor Closely         |                                    |
| 1,500.0                                                                                       | 1,500.0                      | 1,499.8                      | 1,500.0                      | 5.6                     | 5.6                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 8.4                            | 11.55                        | 1.727 Caution - Monitor Closely         |                                    |
| 1,600.0                                                                                       | 1,600.0                      | 1,599.8                      | 1,600.0                      | 5.8                     | 5.8                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 8.1                            | 11.84                        | 1.685 Caution - Monitor Closely         |                                    |
| 1,700.0                                                                                       | 1,700.0                      | 1,699.8                      | 1,700.0                      | 5.9                     | 5.9                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 7.8                            | 12.12                        | 1.645 Caution - Monitor Closely         |                                    |
| 1,800.0                                                                                       | 1,800.0                      | 1,799.8                      | 1,800.0                      | 6.0                     | 6.0                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 7.5                            | 12.40                        | 1.608 Caution - Monitor Closely         |                                    |
| 1,900.0                                                                                       | 1,900.0                      | 1,899.8                      | 1,900.0                      | 6.2                     | 6.2                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 7.3                            | 12.67                        | 1.574 Caution - Monitor Closely         |                                    |
| 2,000.0                                                                                       | 2,000.0                      | 1,999.8                      | 2,000.0                      | 6.3                     | 6.3                  | 125.71                       | -11.6                         | 16.2                | 19.9                          | 7.0                            | 12.94                        | 1.541 Caution - Monitor Closely, CC     |                                    |
| 2,100.0                                                                                       | 2,100.0                      | 2,099.9                      | 2,100.1                      | 6.5                     | 6.5                  | 110.55                       | -10.5                         | 16.7                | 20.2                          | 6.9                            | 13.21                        | 1.526 Caution - Monitor Closely, ES, SF |                                    |
| 2,200.0                                                                                       | 2,199.9                      | 2,200.0                      | 2,200.1                      | 6.7                     | 6.7                  | 110.04                       | -6.9                          | 18.4                | 20.8                          | 7.3                            | 13.48                        | 1.545 Caution - Monitor Closely         |                                    |
| 2,300.0                                                                                       | 2,299.7                      | 2,300.1                      | 2,300.0                      | 6.9                     | 6.9                  | 109.24                       | -1.0                          | 21.2                | 21.9                          | 8.2                            | 13.74                        | 1.596 Caution - Monitor Closely         |                                    |
| 2,333.3                                                                                       | 2,332.9                      | 2,333.4                      | 2,333.2                      | 6.9                     | 6.9                  | 108.93                       | 1.5                           | 22.3                | 22.4                          | 8.6                            | 13.77                        | 1.626 Caution - Monitor Closely         |                                    |
| 2,400.0                                                                                       | 2,399.3                      | 2,400.6                      | 2,400.1                      | 7.0                     | 7.0                  | 122.47                       | 7.2                           | 24.1                | 23.3                          | 9.4                            | 13.90                        | 1.679 Caution - Monitor Closely         |                                    |
| 2,500.0                                                                                       | 2,498.8                      | 2,501.5                      | 2,500.5                      | 7.2                     | 7.2                  | 137.46                       | 17.3                          | 24.3                | 24.7                          | 10.5                           | 14.22                        | 1.738 Caution - Monitor Closely         |                                    |
| 2,600.0                                                                                       | 2,598.1                      | 2,602.3                      | 2,600.6                      | 7.4                     | 7.4                  | 145.98                       | 29.1                          | 21.3                | 26.1                          | 11.5                           | 14.53                        | 1.795 Caution - Monitor Closely         |                                    |
| 2,700.0                                                                                       | 2,697.0                      | 2,703.2                      | 2,700.4                      | 7.6                     | 7.6                  | 149.75                       | 42.7                          | 15.3                | 27.5                          | 12.7                           | 14.85                        | 1.852 Caution - Monitor Closely         |                                    |
| 2,800.0                                                                                       | 2,795.4                      | 2,804.2                      | 2,799.8                      | 7.9                     | 7.9                  | 150.36                       | 58.0                          | 6.2                 | 29.1                          | 13.9                           | 15.16                        | 1.919 Caution - Monitor Closely         |                                    |
| 2,900.0                                                                                       | 2,893.3                      | 2,904.3                      | 2,897.9                      | 8.2                     | 8.1                  | 149.53                       | 74.4                          | -4.8                | 32.0                          | 16.6                           | 15.45                        | 2.072 Caution - Monitor Closely         |                                    |
| 3,000.0                                                                                       | 2,990.4                      | 3,004.1                      | 2,995.7                      | 8.5                     | 8.4                  | 149.50                       | 90.7                          | -16.0               | 38.5                          | 22.7                           | 15.81                        | 2.433 Caution - Monitor Closely         |                                    |
| 3,040.0                                                                                       | 3,029.0                      | 3,043.9                      | 3,034.7                      | 8.6                     | 8.5                  | 149.81                       | 97.3                          | -20.4               | 42.0                          | 26.1                           | 15.93                        | 2.638 Normal Operations                 |                                    |
| 3,100.0                                                                                       | 3,086.8                      | 3,103.7                      | 3,093.3                      | 8.7                     | 8.7                  | 149.09                       | 107.1                         | -27.1               | 47.8                          | 31.7                           | 16.12                        | 2.964 Normal Operations                 |                                    |
| 3,200.0                                                                                       | 3,183.2                      | 3,203.2                      | 3,190.9                      | 9.0                     | 9.0                  | 148.22                       | 123.4                         | -38.2               | 57.4                          | 40.9                           | 16.51                        | 3.476                                   |                                    |
| 3,300.0                                                                                       | 3,279.6                      | 3,302.7                      | 3,288.4                      | 9.3                     | 9.3                  | 147.60                       | 139.7                         | -49.3               | 67.0                          | 50.1                           | 16.93                        | 3.958                                   |                                    |
| 3,400.0                                                                                       | 3,376.0                      | 3,402.3                      | 3,386.0                      | 9.7                     | 9.6                  | 147.14                       | 156.0                         | -60.3               | 76.6                          | 59.3                           | 17.37                        | 4.412                                   |                                    |
| 3,500.0                                                                                       | 3,472.4                      | 3,501.8                      | 3,483.5                      | 10.0                    | 9.9                  | 146.78                       | 172.3                         | -71.4               | 86.3                          | 68.4                           | 17.83                        | 4.838                                   |                                    |
| 3,600.0                                                                                       | 3,568.8                      | 3,601.3                      | 3,581.1                      | 10.4                    | 10.3                 | 146.49                       | 188.6                         | -82.5               | 95.9                          | 77.6                           | 18.31                        | 5.236                                   |                                    |
| 3,700.0                                                                                       | 3,665.2                      | 3,700.9                      | 3,678.6                      | 10.7                    | 10.6                 | 146.25                       | 205.0                         | -93.6               | 105.5                         | 86.7                           | 18.81                        | 5.608                                   |                                    |
| 3,800.0                                                                                       | 3,761.6                      | 3,800.4                      | 3,776.2                      | 11.1                    | 11.0                 | 146.05                       | 221.3                         | -104.7              | 115.1                         | 95.8                           | 19.33                        | 5.955                                   |                                    |
| 3,900.0                                                                                       | 3,858.0                      | 3,899.9                      | 3,873.8                      | 11.5                    | 11.4                 | 145.89                       | 237.6                         | -115.8              | 124.8                         | 104.9                          | 19.87                        | 6.279                                   |                                    |
| 4,000.0                                                                                       | 3,954.4                      | 3,999.5                      | 3,971.3                      | 11.9                    | 11.7                 | 145.75                       | 253.9                         | -126.9              | 134.4                         | 114.0                          | 20.42                        | 6.581                                   |                                    |
| 4,100.0                                                                                       | 4,050.8                      | 4,099.0                      | 4,068.9                      | 12.3                    | 12.1                 | 145.62                       | 270.2                         | -138.0              | 144.0                         | 123.0                          | 20.99                        | 6.862                                   |                                    |
| 4,200.0                                                                                       | 4,147.1                      | 4,198.5                      | 4,166.4                      | 12.7                    | 12.5                 | 145.52                       | 286.6                         | -149.1              | 153.7                         | 132.1                          | 21.57                        | 7.125                                   |                                    |
| 4,300.0                                                                                       | 4,243.5                      | 4,298.1                      | 4,264.0                      | 13.1                    | 12.9                 | 145.42                       | 302.9                         | -160.2              | 163.3                         | 141.1                          | 22.16                        | 7.370                                   |                                    |
| 4,400.0                                                                                       | 4,339.9                      | 4,397.6                      | 4,361.6                      | 13.6                    | 13.3                 | 145.34                       | 319.2                         | -171.3              | 172.9                         | 150.2                          | 22.76                        | 7.598                                   |                                    |
| 4,500.0                                                                                       | 4,436.3                      | 4,497.1                      | 4,459.1                      | 14.0                    | 13.7                 | 145.26                       | 335.5                         | -182.4              | 182.6                         | 159.2                          | 23.37                        | 7.812                                   |                                    |
| 4,600.0                                                                                       | 4,532.7                      | 4,596.7                      | 4,556.7                      | 14.4                    | 14.1                 | 145.19                       | 351.8                         | -193.5              | 192.2                         | 168.2                          | 23.99                        | 8.012                                   |                                    |
| 4,700.0                                                                                       | 4,629.1                      | 4,696.2                      | 4,654.2                      | 14.8                    | 14.5                 | 145.13                       | 368.1                         | -204.6              | 201.8                         | 177.2                          | 24.62                        | 8.198                                   |                                    |
| 4,800.0                                                                                       | 4,725.5                      | 4,795.7                      | 4,751.8                      | 15.3                    | 15.0                 | 145.07                       | 384.5                         | -215.7              | 211.5                         | 186.2                          | 25.26                        | 8.373                                   |                                    |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 709H - 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 4,900.0                                                                                       | 4,821.9                              | 4,895.3                              | 4,849.4                              | 15.7                        | 15.4                     | 145.02                               | 400.8                         | -226.7                  | 221.1                                 | 195.2                                  | 25.90                                | 8.537                        |                |
| 5,000.0                                                                                       | 4,918.3                              | 4,994.8                              | 4,946.9                              | 16.2                        | 15.8                     | 144.98                               | 417.1                         | -237.8                  | 230.8                                 | 204.2                                  | 26.55                                | 8.691                        |                |
| 5,100.0                                                                                       | 5,014.7                              | 5,094.3                              | 5,044.5                              | 16.6                        | 16.2                     | 144.93                               | 433.4                         | -248.9                  | 240.4                                 | 213.2                                  | 27.21                                | 8.835                        |                |
| 5,200.0                                                                                       | 5,111.1                              | 5,193.9                              | 5,142.0                              | 17.1                        | 16.6                     | 144.89                               | 449.7                         | -260.0                  | 250.0                                 | 222.2                                  | 27.87                                | 8.970                        |                |
| 5,300.0                                                                                       | 5,207.4                              | 5,293.4                              | 5,239.6                              | 17.5                        | 17.1                     | 144.86                               | 466.1                         | -271.1                  | 259.7                                 | 231.1                                  | 28.54                                | 9.098                        |                |
| 5,400.0                                                                                       | 5,303.8                              | 5,392.9                              | 5,337.1                              | 18.0                        | 17.5                     | 144.82                               | 482.4                         | -282.2                  | 269.3                                 | 240.1                                  | 29.21                                | 9.218                        |                |
| 5,500.0                                                                                       | 5,400.2                              | 5,492.5                              | 5,434.7                              | 18.5                        | 17.9                     | 144.79                               | 498.7                         | -293.3                  | 278.9                                 | 249.0                                  | 29.89                                | 9.332                        |                |
| 5,600.0                                                                                       | 5,496.6                              | 5,592.0                              | 5,532.3                              | 18.9                        | 18.4                     | 144.76                               | 515.0                         | -304.4                  | 288.6                                 | 258.0                                  | 30.57                                | 9.438                        |                |
| 5,700.0                                                                                       | 5,593.0                              | 5,691.5                              | 5,629.8                              | 19.4                        | 18.8                     | 144.73                               | 531.3                         | -315.5                  | 298.2                                 | 266.9                                  | 31.26                                | 9.540                        |                |
| 5,800.0                                                                                       | 5,689.4                              | 5,791.1                              | 5,727.4                              | 19.8                        | 19.2                     | 144.71                               | 547.6                         | -326.6                  | 307.8                                 | 275.9                                  | 31.95                                | 9.635                        |                |
| 5,900.0                                                                                       | 5,785.8                              | 5,890.6                              | 5,824.9                              | 20.3                        | 19.7                     | 144.68                               | 564.0                         | -337.7                  | 317.5                                 | 284.8                                  | 32.64                                | 9.725                        |                |
| 6,000.0                                                                                       | 5,882.2                              | 5,990.2                              | 5,922.5                              | 20.8                        | 20.1                     | 144.66                               | 580.3                         | -348.8                  | 327.1                                 | 293.8                                  | 33.34                                | 9.811                        |                |
| 6,100.0                                                                                       | 5,978.6                              | 6,089.7                              | 6,020.1                              | 21.3                        | 20.6                     | 144.64                               | 596.6                         | -359.9                  | 336.8                                 | 302.7                                  | 34.04                                | 9.892                        |                |
| 6,200.0                                                                                       | 6,075.0                              | 6,189.2                              | 6,117.6                              | 21.7                        | 21.0                     | 144.62                               | 612.9                         | -371.0                  | 346.4                                 | 311.6                                  | 34.74                                | 9.970                        |                |
| 6,300.0                                                                                       | 6,171.3                              | 6,288.8                              | 6,215.2                              | 22.2                        | 21.4                     | 144.60                               | 629.2                         | -382.1                  | 356.0                                 | 320.6                                  | 35.45                                | 10.043                       |                |
| 6,400.0                                                                                       | 6,267.7                              | 6,388.3                              | 6,312.7                              | 22.7                        | 21.9                     | 144.58                               | 645.6                         | -393.2                  | 365.7                                 | 329.5                                  | 36.16                                | 10.113                       |                |
| 6,500.0                                                                                       | 6,364.1                              | 6,487.8                              | 6,410.3                              | 23.2                        | 22.3                     | 144.56                               | 661.9                         | -404.2                  | 375.3                                 | 338.4                                  | 36.87                                | 10.179                       |                |
| 6,600.0                                                                                       | 6,460.5                              | 6,587.4                              | 6,507.9                              | 23.6                        | 22.8                     | 144.55                               | 678.2                         | -415.3                  | 384.9                                 | 347.4                                  | 37.58                                | 10.242                       |                |
| 6,614.6                                                                                       | 6,474.6                              | 6,601.9                              | 6,522.1                              | 23.7                        | 22.9                     | 144.54                               | 680.6                         | -417.0                  | 386.3                                 | 348.7                                  | 37.68                                | 10.252                       |                |
| 6,700.0                                                                                       | 6,557.1                              | 6,686.9                              | 6,605.5                              | 24.1                        | 23.2                     | 144.52                               | 694.5                         | -426.4                  | 394.1                                 | 355.8                                  | 38.28                                | 10.295                       |                |
| 6,800.0                                                                                       | 6,654.1                              | 6,786.6                              | 6,703.2                              | 24.6                        | 23.7                     | 144.36                               | 710.9                         | -437.5                  | 401.8                                 | 362.9                                  | 38.92                                | 10.324                       |                |
| 6,900.0                                                                                       | 6,751.5                              | 6,886.4                              | 6,801.0                              | 25.0                        | 24.1                     | 144.05                               | 727.2                         | -448.7                  | 408.1                                 | 368.6                                  | 39.50                                | 10.331                       |                |
| 7,000.0                                                                                       | 6,849.3                              | 6,984.7                              | 6,897.4                              | 25.5                        | 24.6                     | 143.62                               | 743.3                         | -459.6                  | 413.1                                 | 373.1                                  | 40.01                                | 10.326                       |                |
| 7,100.0                                                                                       | 6,947.4                              | 7,080.4                              | 6,991.4                              | 26.0                        | 25.0                     | 143.21                               | 757.8                         | -469.5                  | 417.5                                 | 377.0                                  | 40.49                                | 10.312                       |                |
| 7,200.0                                                                                       | 7,045.8                              | 7,176.1                              | 7,085.8                              | 26.4                        | 25.4                     | 142.84                               | 771.1                         | -478.5                  | 421.5                                 | 380.6                                  | 40.96                                | 10.292                       |                |
| 7,300.0                                                                                       | 7,144.6                              | 7,271.8                              | 7,180.4                              | 26.8                        | 25.8                     | 142.52                               | 783.1                         | -486.7                  | 425.2                                 | 383.8                                  | 41.41                                | 10.267                       |                |
| 7,400.0                                                                                       | 7,243.6                              | 7,367.6                              | 7,275.2                              | 27.3                        | 26.2                     | 142.24                               | 793.8                         | -493.9                  | 428.5                                 | 386.6                                  | 41.86                                | 10.236                       |                |
| 7,500.0                                                                                       | 7,342.8                              | 7,463.3                              | 7,370.3                              | 27.7                        | 26.6                     | 141.99                               | 803.1                         | -500.3                  | 431.3                                 | 389.1                                  | 42.28                                | 10.201                       |                |
| 7,600.0                                                                                       | 7,442.3                              | 7,559.1                              | 7,465.6                              | 28.1                        | 27.0                     | 141.78                               | 811.2                         | -505.8                  | 433.8                                 | 391.1                                  | 42.69                                | 10.161                       |                |
| 7,700.0                                                                                       | 7,541.9                              | 7,654.9                              | 7,561.0                              | 28.4                        | 27.3                     | 141.61                               | 817.9                         | -510.3                  | 435.9                                 | 392.8                                  | 43.09                                | 10.117                       |                |
| 7,800.0                                                                                       | 7,641.6                              | 7,750.7                              | 7,656.6                              | 28.8                        | 27.7                     | 141.48                               | 823.3                         | -514.0                  | 437.6                                 | 394.1                                  | 43.46                                | 10.068                       |                |
| 7,900.0                                                                                       | 7,741.5                              | 7,846.5                              | 7,752.3                              | 29.2                        | 28.0                     | 141.37                               | 827.4                         | -516.8                  | 438.8                                 | 395.0                                  | 43.81                                | 10.017                       |                |
| 8,000.0                                                                                       | 7,841.4                              | 7,942.3                              | 7,848.0                              | 29.5                        | 28.3                     | 141.30                               | 830.2                         | -518.7                  | 439.7                                 | 395.6                                  | 44.12                                | 9.965                        |                |
| 8,100.0                                                                                       | 7,941.4                              | 8,038.1                              | 7,943.8                              | 29.7                        | 28.5                     | 141.27                               | 831.6                         | -519.7                  | 440.1                                 | 395.7                                  | 44.38                                | 9.917                        |                |
| 8,158.6                                                                                       | 8,000.0                              | 8,094.5                              | 8,000.2                              | 29.8                        | 28.6                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.7                                  | 44.45                                | 9.902                        |                |
| 8,172.5                                                                                       | 8,013.9                              | 8,108.2                              | 8,013.9                              | 29.8                        | 28.6                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.7                                  | 44.46                                | 9.900                        |                |
| 8,200.0                                                                                       | 8,041.4                              | 8,135.7                              | 8,041.4                              | 29.8                        | 28.6                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.7                                  | 44.50                                | 9.893                        |                |
| 8,300.0                                                                                       | 8,141.4                              | 8,235.7                              | 8,141.4                              | 29.9                        | 28.7                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.6                                  | 44.62                                | 9.865                        |                |
| 8,400.0                                                                                       | 8,241.4                              | 8,335.7                              | 8,241.4                              | 29.9                        | 28.8                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.5                                  | 44.72                                | 9.844                        |                |
| 8,500.0                                                                                       | 8,341.4                              | 8,435.7                              | 8,341.4                              | 29.9                        | 28.8                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.4                                  | 44.82                                | 9.822                        |                |
| 8,600.0                                                                                       | 8,441.4                              | 8,535.7                              | 8,441.4                              | 30.0                        | 28.8                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.3                                  | 44.92                                | 9.800                        |                |
| 8,700.0                                                                                       | 8,541.4                              | 8,635.7                              | 8,541.4                              | 30.0                        | 28.9                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.2                                  | 45.02                                | 9.779                        |                |
| 8,800.0                                                                                       | 8,641.4                              | 8,735.7                              | 8,641.4                              | 30.0                        | 28.9                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.1                                  | 45.11                                | 9.757                        |                |
| 8,900.0                                                                                       | 8,741.4                              | 8,835.7                              | 8,741.4                              | 30.1                        | 29.0                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 395.0                                  | 45.21                                | 9.736                        |                |
| 9,000.0                                                                                       | 8,841.4                              | 8,935.7                              | 8,841.4                              | 30.1                        | 29.0                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.9                                  | 45.31                                | 9.714                        |                |
| 9,100.0                                                                                       | 8,941.4                              | 9,035.7                              | 8,941.4                              | 30.2                        | 29.1                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.8                                  | 45.41                                | 9.693                        |                |
| 9,200.0                                                                                       | 9,041.4                              | 9,135.7                              | 9,041.4                              | 30.2                        | 29.1                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.7                                  | 45.52                                | 9.671                        |                |
| 9,300.0                                                                                       | 9,141.4                              | 9,235.7                              | 9,141.4                              | 30.2                        | 29.1                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.6                                  | 45.62                                | 9.650                        |                |
| 9,400.0                                                                                       | 9,241.4                              | 9,335.7                              | 9,241.4                              | 30.3                        | 29.2                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.5                                  | 45.72                                | 9.629                        |                |
| 9,500.0                                                                                       | 9,341.4                              | 9,435.7                              | 9,341.4                              | 30.3                        | 29.2                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.4                                  | 45.82                                | 9.607                        |                |
| 9,600.0                                                                                       | 9,441.4                              | 9,535.7                              | 9,441.4                              | 30.4                        | 29.3                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.3                                  | 45.92                                | 9.586                        |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                                    |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 709H - 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>No-Go<br/>Distance<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> |                                      |                              |                                    |
| 9,700.0                                                                                       | 9,541.4                              | 9,635.7                              | 9,541.4                              | 30.4                        | 29.3                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.2                                  | 46.02                                | 9.565                        |                                    |
| 9,800.0                                                                                       | 9,641.4                              | 9,735.7                              | 9,641.4                              | 30.4                        | 29.4                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.1                                  | 46.13                                | 9.543                        |                                    |
| 9,900.0                                                                                       | 9,741.4                              | 9,835.7                              | 9,741.4                              | 30.5                        | 29.4                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 394.0                                  | 46.23                                | 9.522                        |                                    |
| 10,000.0                                                                                      | 9,841.4                              | 9,935.7                              | 9,841.4                              | 30.5                        | 29.4                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.9                                  | 46.33                                | 9.501                        |                                    |
| 10,100.0                                                                                      | 9,941.4                              | 10,035.7                             | 9,941.4                              | 30.6                        | 29.5                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.8                                  | 46.44                                | 9.479                        |                                    |
| 10,200.0                                                                                      | 10,041.4                             | 10,135.7                             | 10,041.4                             | 30.6                        | 29.5                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.7                                  | 46.54                                | 9.458                        |                                    |
| 10,300.0                                                                                      | 10,141.4                             | 10,235.7                             | 10,141.4                             | 30.6                        | 29.6                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.6                                  | 46.65                                | 9.437                        |                                    |
| 10,400.0                                                                                      | 10,241.4                             | 10,335.7                             | 10,241.4                             | 30.7                        | 29.6                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.5                                  | 46.75                                | 9.416                        |                                    |
| 10,500.0                                                                                      | 10,341.4                             | 10,435.7                             | 10,341.4                             | 30.7                        | 29.7                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.3                                  | 46.86                                | 9.395                        |                                    |
| 10,600.0                                                                                      | 10,441.4                             | 10,535.7                             | 10,441.4                             | 30.8                        | 29.7                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.2                                  | 46.96                                | 9.374                        |                                    |
| 10,700.0                                                                                      | 10,541.4                             | 10,635.7                             | 10,541.4                             | 30.8                        | 29.8                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.1                                  | 47.07                                | 9.353                        |                                    |
| 10,800.0                                                                                      | 10,641.4                             | 10,735.7                             | 10,641.4                             | 30.9                        | 29.8                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 393.0                                  | 47.17                                | 9.332                        |                                    |
| 10,900.0                                                                                      | 10,741.4                             | 10,835.7                             | 10,741.4                             | 30.9                        | 29.9                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.9                                  | 47.28                                | 9.311                        |                                    |
| 11,000.0                                                                                      | 10,841.4                             | 10,935.7                             | 10,841.4                             | 30.9                        | 29.9                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.8                                  | 47.39                                | 9.290                        |                                    |
| 11,100.0                                                                                      | 10,941.4                             | 11,035.7                             | 10,941.4                             | 31.0                        | 30.0                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.7                                  | 47.49                                | 9.269                        |                                    |
| 11,200.0                                                                                      | 11,041.4                             | 11,135.7                             | 11,041.4                             | 31.0                        | 30.0                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.6                                  | 47.60                                | 9.248                        |                                    |
| 11,300.0                                                                                      | 11,141.4                             | 11,235.7                             | 11,141.4                             | 31.1                        | 30.0                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.5                                  | 47.71                                | 9.227                        |                                    |
| 11,400.0                                                                                      | 11,241.4                             | 11,335.7                             | 11,241.4                             | 31.1                        | 30.1                     | 90.41                                | 831.9                         | -519.8                  | 440.2                                 | 392.4                                  | 47.82                                | 9.206                        |                                    |
| 11,500.0                                                                                      | 11,341.4                             | 11,436.3                             | 11,342.0                             | 31.2                        | 30.1                     | 90.41                                | 831.8                         | -519.8                  | 440.2                                 | 392.3                                  | 47.93                                | 9.185                        |                                    |
| 11,600.0                                                                                      | 11,441.4                             | 11,548.4                             | 11,452.9                             | 31.2                        | 29.8                     | 92.27                                | 817.6                         | -521.9                  | 438.6                                 | 389.8                                  | 48.85                                | 8.979                        |                                    |
| 11,692.1                                                                                      | 11,533.5                             | 11,641.5                             | 11,540.5                             | 31.2                        | 29.5                     | 96.36                                | 786.7                         | -526.4                  | 436.3                                 | 386.0                                  | 50.36                                | 8.664                        |                                    |
| 11,700.0                                                                                      | 11,541.4                             | 11,648.9                             | 11,547.1                             | 31.2                        | 29.5                     | -92.14                               | 783.5                         | -526.9                  | 436.2                                 | 385.7                                  | 50.49                                | 8.639                        |                                    |
| 11,725.0                                                                                      | 11,566.3                             | 11,671.9                             | 11,567.5                             | 31.2                        | 29.4                     | -90.88                               | 773.0                         | -528.4                  | 436.1                                 | 385.2                                  | 50.88                                | 8.571                        |                                    |
| 11,728.7                                                                                      | 11,570.1                             | 11,675.3                             | 11,570.5                             | 31.2                        | 29.4                     | -90.69                               | 771.4                         | -528.6                  | 436.0                                 | 385.1                                  | 50.93                                | 8.562                        |                                    |
| 11,750.0                                                                                      | 11,591.2                             | 11,694.4                             | 11,587.0                             | 31.1                        | 29.3                     | -89.63                               | 761.8                         | -530.0                  | 436.1                                 | 384.9                                  | 51.20                                | 8.518                        |                                    |
| 11,775.0                                                                                      | 11,616.0                             | 11,716.6                             | 11,605.5                             | 31.1                        | 29.3                     | -88.38                               | 749.8                         | -531.8                  | 436.5                                 | 385.0                                  | 51.47                                | 8.480                        |                                    |
| 11,800.0                                                                                      | 11,640.5                             | 11,738.3                             | 11,623.2                             | 31.0                        | 29.2                     | -87.14                               | 737.3                         | -533.6                  | 437.1                                 | 385.4                                  | 51.68                                | 8.457                        |                                    |
| 11,825.0                                                                                      | 11,664.7                             | 11,759.7                             | 11,640.0                             | 31.0                        | 29.1                     | -85.92                               | 724.3                         | -535.5                  | 437.9                                 | 386.1                                  | 51.84                                | 8.448                        |                                    |
| 11,850.0                                                                                      | 11,688.5                             | 11,780.7                             | 11,656.0                             | 30.9                        | 29.0                     | -84.71                               | 710.7                         | -537.5                  | 439.0                                 | 387.1                                  | 51.93                                | 8.453                        |                                    |
| 11,875.0                                                                                      | 11,711.9                             | 11,801.5                             | 11,671.1                             | 30.8                        | 29.0                     | -83.52                               | 696.6                         | -539.5                  | 440.3                                 | 388.3                                  | 51.98                                | 8.471                        |                                    |
| 11,900.0                                                                                      | 11,734.9                             | 11,821.9                             | 11,685.4                             | 30.8                        | 28.9                     | -82.35                               | 682.2                         | -541.6                  | 441.7                                 | 389.8                                  | 51.97                                | 8.500                        |                                    |
| 11,925.0                                                                                      | 11,757.2                             | 11,842.1                             | 11,698.8                             | 30.7                        | 28.9                     | -81.20                               | 667.3                         | -543.8                  | 443.4                                 | 391.4                                  | 51.91                                | 8.540                        |                                    |
| 11,950.0                                                                                      | 11,779.0                             | 11,862.0                             | 11,711.5                             | 30.6                        | 28.8                     | -80.08                               | 652.1                         | -546.0                  | 445.1                                 | 393.3                                  | 51.81                                | 8.591                        |                                    |
| 11,975.0                                                                                      | 11,800.1                             | 11,881.7                             | 11,723.4                             | 30.6                        | 28.8                     | -78.98                               | 636.5                         | -548.3                  | 447.0                                 | 395.4                                  | 51.67                                | 8.651                        |                                    |
| 12,000.0                                                                                      | 11,820.5                             | 11,900.0                             | 11,733.8                             | 30.5                        | 28.7                     | -77.97                               | 621.7                         | -550.5                  | 449.1                                 | 397.6                                  | 51.45                                | 8.728                        |                                    |
| 12,025.0                                                                                      | 11,840.1                             | 11,920.5                             | 11,744.8                             | 30.5                        | 28.7                     | -76.89                               | 604.6                         | -553.0                  | 451.2                                 | 399.9                                  | 51.29                                | 8.797                        |                                    |
| 12,050.0                                                                                      | 11,858.8                             | 11,939.6                             | 11,754.4                             | 30.4                        | 28.6                     | -75.89                               | 588.3                         | -555.3                  | 453.4                                 | 402.3                                  | 51.06                                | 8.880                        |                                    |
| 12,075.0                                                                                      | 11,876.6                             | 11,958.5                             | 11,763.2                             | 30.3                        | 28.6                     | -74.93                               | 571.7                         | -557.8                  | 455.6                                 | 404.8                                  | 50.80                                | 8.969                        |                                    |
| 12,100.0                                                                                      | 11,893.5                             | 11,975.0                             | 11,770.4                             | 30.3                        | 28.6                     | -74.08                               | 557.0                         | -559.9                  | 457.9                                 | 407.4                                  | 50.44                                | 9.077                        |                                    |
| 12,125.0                                                                                      | 11,909.5                             | 11,995.9                             | 11,778.7                             | 30.2                        | 28.5                     | -73.12                               | 538.0                         | -562.7                  | 460.2                                 | 409.9                                  | 50.23                                | 9.160                        |                                    |
| 12,150.0                                                                                      | 11,924.4                             | 12,014.4                             | 11,785.4                             | 30.2                        | 28.5                     | -72.28                               | 520.9                         | -565.2                  | 462.4                                 | 412.5                                  | 49.93                                | 9.261                        |                                    |
| 12,175.0                                                                                      | 11,938.2                             | 12,032.8                             | 11,791.3                             | 30.2                        | 28.5                     | -71.48                               | 503.7                         | -567.7                  | 464.7                                 | 415.1                                  | 49.62                                | 9.365                        |                                    |
| 12,200.0                                                                                      | 11,950.9                             | 12,050.0                             | 11,796.3                             | 30.1                        | 28.5                     | -70.75                               | 487.4                         | -570.1                  | 466.9                                 | 417.7                                  | 49.27                                | 9.476                        |                                    |
| 12,225.0                                                                                      | 11,962.4                             | 12,069.2                             | 11,801.1                             | 30.1                        | 28.5                     | -70.01                               | 469.0                         | -572.7                  | 469.1                                 | 420.1                                  | 48.99                                | 9.576                        |                                    |
| 12,250.0                                                                                      | 11,972.8                             | 12,087.2                             | 11,805.0                             | 30.1                        | 28.5                     | -69.34                               | 451.6                         | -575.3                  | 471.2                                 | 422.6                                  | 48.68                                | 9.681                        |                                    |
| 12,275.0                                                                                      | 11,982.0                             | 12,105.2                             | 11,808.2                             | 30.1                        | 28.5                     | -68.71                               | 434.1                         | -577.8                  | 473.3                                 | 424.9                                  | 48.36                                | 9.786                        |                                    |
| 12,300.0                                                                                      | 11,990.0                             | 12,125.0                             | 11,810.9                             | 30.0                        | 28.4                     | -68.10                               | 414.7                         | -580.7                  | 475.2                                 | 427.1                                  | 48.11                                | 9.879                        |                                    |
| 12,325.0                                                                                      | 11,996.7                             | 12,140.9                             | 11,812.5                             | 30.0                        | 28.5                     | -67.60                               | 399.0                         | -583.0                  | 477.1                                 | 429.3                                  | 47.75                                | 9.992                        |                                    |
| 12,350.0                                                                                      | 12,002.1                             | 12,158.7                             | 11,813.6                             | 30.0                        | 28.5                     | -67.12                               | 381.5                         | -585.5                  | 478.8                                 | 431.4                                  | 47.45                                | 10.091                       |                                    |
| 12,375.0                                                                                      | 12,006.3                             | 12,176.4                             | 11,814.1                             | 30.0                        | 28.5                     | -66.68                               | 364.0                         | -588.1                  | 480.4                                 | 433.3                                  | 47.16                                | 10.187                       |                                    |
| 12,400.0                                                                                      | 12,009.1                             | 12,196.9                             | 11,814.2                             | 30.0                        | 28.5                     | -66.28                               | 343.7                         | -591.0                  | 481.8                                 | 434.9                                  | 46.96                                | 10.262                       |                                    |

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

ConocoPhillips

Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 709H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                       |                   | Offset Site Error: 0.0 usft |  |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|-----------------------|-------------------|-----------------------------|--|
| Survey Program: 0-r.5 MWD+IFR1                                                         |                       | 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) | No-Go Distance (usft) | Separation Factor | Warning                     |  |
| 12,425.0                                                                               | 12,010.7              | 12,218.5              | 11,814.2              | 30.1             | 28.5          | -66.04                | 322.2                  | -593.9       | 482.9                   | 436.1                   | 46.81                 | 10.317            |                             |  |
| 12,442.1                                                                               | 12,011.0              | 12,233.3              | 11,814.2              | 30.1             | 28.5          | -65.97                | 307.5                  | -595.8       | 483.5                   | 436.7                   | 46.72                 | 10.349            |                             |  |
| 12,500.0                                                                               | 12,011.0              | 12,283.5              | 11,814.2              | 30.1             | 28.5          | -66.05                | 257.8                  | -601.7       | 484.9                   | 438.5                   | 46.43                 | 10.444            |                             |  |
| 12,600.0                                                                               | 12,011.0              | 12,370.0              | 11,814.2              | 30.2             | 28.6          | -66.16                | 171.6                  | -609.8       | 487.1                   | 441.0                   | 46.03                 | 10.582            |                             |  |
| 12,700.0                                                                               | 12,011.0              | 12,456.5              | 11,814.2              | 30.4             | 28.7          | -66.26                | 85.3                   | -615.3       | 488.8                   | 443.1                   | 45.70                 | 10.695            |                             |  |
| 12,800.0                                                                               | 12,011.0              | 12,543.0              | 11,814.2              | 30.5             | 28.8          | -66.32                | -1.1                   | -618.3       | 490.1                   | 444.6                   | 45.47                 | 10.779            |                             |  |
| 12,900.0                                                                               | 12,011.0              | 12,631.8              | 11,814.2              | 30.7             | 28.9          | -66.37                | -89.9                  | -618.6       | 490.9                   | 445.6                   | 45.38                 | 10.819            |                             |  |
| 12,905.2                                                                               | 12,011.0              | 12,637.0              | 11,814.2              | 30.7             | 28.9          | -66.37                | -95.1                  | -618.5       | 490.9                   | 445.6                   | 45.39                 | 10.816            |                             |  |
| 13,000.0                                                                               | 12,011.0              | 12,731.8              | 11,814.2              | 30.9             | 29.0          | -66.37                | -190.0                 | -617.9       | 490.9                   | 445.3                   | 45.61                 | 10.764            |                             |  |
| 13,100.0                                                                               | 12,011.0              | 12,831.8              | 11,814.2              | 31.1             | 29.1          | -66.37                | -289.9                 | -617.3       | 491.0                   | 445.0                   | 45.92                 | 10.691            |                             |  |
| 13,200.0                                                                               | 12,011.0              | 12,931.8              | 11,814.2              | 31.3             | 29.3          | -66.37                | -389.9                 | -616.7       | 491.0                   | 444.6                   | 46.31                 | 10.603            |                             |  |
| 13,300.0                                                                               | 12,011.0              | 13,031.8              | 11,814.2              | 31.5             | 29.4          | -66.37                | -489.9                 | -616.0       | 491.0                   | 444.2                   | 46.76                 | 10.500            |                             |  |
| 13,400.0                                                                               | 12,011.0              | 13,131.8              | 11,814.2              | 31.8             | 29.6          | -66.37                | -589.9                 | -615.4       | 491.0                   | 443.7                   | 47.28                 | 10.384            |                             |  |
| 13,500.0                                                                               | 12,011.0              | 13,231.8              | 11,814.2              | 32.1             | 29.8          | -66.37                | -689.9                 | -614.8       | 491.0                   | 443.1                   | 47.87                 | 10.256            |                             |  |
| 13,600.0                                                                               | 12,011.0              | 13,331.8              | 11,814.2              | 32.4             | 30.0          | -66.37                | -789.9                 | -614.1       | 491.0                   | 442.4                   | 48.52                 | 10.118            |                             |  |
| 13,700.0                                                                               | 12,011.0              | 13,431.8              | 11,814.2              | 32.7             | 30.3          | -66.37                | -889.9                 | -613.5       | 491.0                   | 441.7                   | 49.24                 | 9.972             |                             |  |
| 13,800.0                                                                               | 12,011.0              | 13,531.8              | 11,814.2              | 33.1             | 30.6          | -66.37                | -989.9                 | -612.9       | 491.0                   | 441.0                   | 50.01                 | 9.817             |                             |  |
| 13,900.0                                                                               | 12,011.0              | 13,631.8              | 11,814.2              | 33.4             | 30.9          | -66.37                | -1,089.9               | -612.2       | 491.0                   | 440.1                   | 50.84                 | 9.657             |                             |  |
| 14,000.0                                                                               | 12,011.0              | 13,731.8              | 11,814.2              | 33.8             | 31.2          | -66.37                | -1,189.9               | -611.6       | 491.0                   | 439.3                   | 51.72                 | 9.493             |                             |  |
| 14,100.0                                                                               | 12,011.0              | 13,831.8              | 11,814.2              | 34.2             | 31.6          | -66.37                | -1,289.9               | -611.0       | 491.0                   | 438.3                   | 52.66                 | 9.324             |                             |  |
| 14,200.0                                                                               | 12,011.0              | 13,931.8              | 11,814.2              | 34.7             | 32.0          | -66.37                | -1,389.9               | -610.3       | 491.0                   | 437.3                   | 53.64                 | 9.154             |                             |  |
| 14,300.0                                                                               | 12,011.0              | 14,031.8              | 11,814.2              | 35.1             | 32.4          | -66.37                | -1,489.9               | -609.7       | 491.0                   | 436.3                   | 54.66                 | 8.982             |                             |  |
| 14,400.0                                                                               | 12,011.0              | 14,131.8              | 11,814.2              | 35.6             | 32.8          | -66.37                | -1,589.9               | -609.1       | 491.0                   | 435.3                   | 55.73                 | 8.810             |                             |  |
| 14,500.0                                                                               | 12,011.0              | 14,231.8              | 11,814.2              | 36.1             | 33.3          | -66.37                | -1,689.9               | -608.4       | 491.0                   | 434.1                   | 56.84                 | 8.638             |                             |  |
| 14,600.0                                                                               | 12,011.0              | 14,331.8              | 11,814.2              | 36.7             | 33.8          | -66.37                | -1,789.9               | -607.8       | 491.0                   | 433.0                   | 57.99                 | 8.467             |                             |  |
| 14,700.0                                                                               | 12,011.0              | 14,431.8              | 11,814.2              | 37.2             | 34.3          | -66.37                | -1,889.9               | -607.2       | 491.0                   | 431.8                   | 59.18                 | 8.297             |                             |  |
| 14,800.0                                                                               | 12,011.0              | 14,531.8              | 11,814.2              | 37.8             | 34.9          | -66.37                | -1,989.9               | -606.5       | 491.0                   | 430.6                   | 60.39                 | 8.130             |                             |  |
| 14,900.0                                                                               | 12,011.0              | 14,631.8              | 11,814.2              | 38.3             | 35.5          | -66.37                | -2,089.9               | -605.9       | 491.0                   | 429.4                   | 61.64                 | 7.965             |                             |  |
| 15,000.0                                                                               | 12,011.0              | 14,731.8              | 11,814.2              | 38.9             | 36.1          | -66.37                | -2,189.9               | -605.3       | 491.0                   | 428.1                   | 62.92                 | 7.803             |                             |  |
| 15,100.0                                                                               | 12,011.0              | 14,831.8              | 11,814.2              | 39.6             | 36.7          | -66.37                | -2,289.9               | -604.6       | 491.0                   | 426.8                   | 64.23                 | 7.645             |                             |  |
| 15,200.0                                                                               | 12,011.0              | 14,931.8              | 11,814.2              | 40.2             | 37.4          | -66.37                | -2,389.9               | -604.0       | 491.0                   | 425.4                   | 65.56                 | 7.489             |                             |  |
| 15,300.0                                                                               | 12,011.0              | 15,031.8              | 11,814.2              | 40.8             | 38.1          | -66.37                | -2,489.9               | -603.4       | 491.0                   | 424.1                   | 66.92                 | 7.337             |                             |  |
| 15,400.0                                                                               | 12,011.0              | 15,131.8              | 11,814.2              | 41.5             | 38.7          | -66.37                | -2,589.9               | -602.7       | 491.0                   | 422.7                   | 68.30                 | 7.189             |                             |  |
| 15,500.0                                                                               | 12,011.0              | 15,231.8              | 11,814.2              | 42.2             | 39.4          | -66.37                | -2,689.9               | -602.1       | 491.0                   | 421.3                   | 69.71                 | 7.044             |                             |  |
| 15,600.0                                                                               | 12,011.0              | 15,331.8              | 11,814.2              | 42.9             | 40.2          | -66.37                | -2,789.9               | -601.5       | 491.0                   | 419.9                   | 71.13                 | 6.903             |                             |  |
| 15,700.0                                                                               | 12,011.0              | 15,431.8              | 11,814.2              | 43.6             | 40.9          | -66.37                | -2,889.9               | -600.8       | 491.0                   | 418.4                   | 72.58                 | 6.766             |                             |  |
| 15,800.0                                                                               | 12,011.0              | 15,531.8              | 11,814.2              | 44.3             | 41.7          | -66.37                | -2,989.9               | -600.2       | 491.0                   | 417.0                   | 74.04                 | 6.632             |                             |  |
| 15,900.0                                                                               | 12,011.0              | 15,631.8              | 11,814.2              | 45.0             | 42.4          | -66.37                | -3,089.9               | -599.6       | 491.0                   | 415.5                   | 75.52                 | 6.502             |                             |  |
| 16,000.0                                                                               | 12,011.0              | 15,731.8              | 11,814.2              | 45.7             | 43.2          | -66.37                | -3,189.9               | -598.9       | 491.0                   | 414.0                   | 77.01                 | 6.376             |                             |  |
| 16,100.0                                                                               | 12,011.0              | 15,831.8              | 11,814.2              | 46.5             | 44.0          | -66.37                | -3,289.9               | -598.3       | 491.0                   | 412.5                   | 78.52                 | 6.254             |                             |  |
| 16,200.0                                                                               | 12,011.0              | 15,931.8              | 11,814.2              | 47.2             | 44.8          | -66.37                | -3,389.9               | -597.7       | 491.0                   | 411.0                   | 80.05                 | 6.135             |                             |  |
| 16,300.0                                                                               | 12,011.0              | 16,031.8              | 11,814.2              | 48.0             | 45.6          | -66.37                | -3,489.9               | -597.0       | 491.0                   | 409.5                   | 81.58                 | 6.019             |                             |  |
| 16,400.0                                                                               | 12,011.0              | 16,131.8              | 11,814.2              | 48.8             | 46.4          | -66.37                | -3,589.9               | -596.4       | 491.0                   | 407.9                   | 83.13                 | 5.907             |                             |  |
| 16,500.0                                                                               | 12,011.0              | 16,231.8              | 11,814.2              | 49.5             | 47.2          | -66.37                | -3,689.9               | -595.8       | 491.0                   | 406.4                   | 84.70                 | 5.798             |                             |  |
| 16,600.0                                                                               | 12,011.0              | 16,331.8              | 11,814.2              | 50.3             | 48.0          | -66.37                | -3,789.9               | -595.1       | 491.1                   | 404.8                   | 86.27                 | 5.692             |                             |  |
| 16,700.0                                                                               | 12,011.0              | 16,431.8              | 11,814.2              | 51.1             | 48.8          | -66.37                | -3,889.9               | -594.5       | 491.1                   | 403.2                   | 87.86                 | 5.589             |                             |  |
| 16,800.0                                                                               | 12,011.0              | 16,531.8              | 11,814.2              | 51.9             | 49.7          | -66.37                | -3,989.9               | -593.9       | 491.1                   | 401.6                   | 89.45                 | 5.490             |                             |  |
| 16,900.0                                                                               | 12,011.0              | 16,631.8              | 11,814.2              | 52.7             | 50.5          | -66.37                | -4,089.9               | -593.2       | 491.1                   | 400.0                   | 91.06                 | 5.393             |                             |  |
| 17,000.0                                                                               | 12,011.0              | 16,731.8              | 11,814.2              | 53.5             | 51.4          | -66.37                | -4,189.9               | -592.6       | 491.1                   | 398.4                   | 92.67                 | 5.299             |                             |  |
| 17,100.0                                                                               | 12,011.0              | 16,831.8              | 11,814.2              | 54.4             | 52.2          | -66.37                | -4,289.9               | -592.0       | 491.1                   | 396.8                   | 94.29                 | 5.208             |                             |  |
| 17,200.0                                                                               | 12,011.0              | 16,931.8              | 11,814.2              | 55.2             | 53.1          | -66.37                | -4,389.9               | -591.3       | 491.1                   | 395.1                   | 95.93                 | 5.119             |                             |  |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 709H - OWB - PWPO |                       |                       |                       |                  |               |                       |              |              |                        |                         |                             |                   | Offset Site Error: 0.0 usft |  |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|-----------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-r.5 MWD+IFR1                                                         |                       |                       |                       |                  |               |                       |              |              | Rule Assigned:         |                         | Offset Well Error: 3.0 usft |                   |                             |  |
| 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) | No-Go Distance (usft)       | Separation Factor | Warning                     |  |
| 17,300.0                                                                               | 12,011.0              | 17,031.8              | 11,814.2              | 56.0             | 53.9          | -66.37                | -4,489.9     | -590.7       | 491.1                  | 393.5                   | 97.56                       | 5.033             |                             |  |
| 17,400.0                                                                               | 12,011.0              | 17,131.8              | 11,814.2              | 56.8             | 54.8          | -66.37                | -4,589.9     | -590.1       | 491.1                  | 391.9                   | 99.21                       | 4.950             |                             |  |
| 17,500.0                                                                               | 12,011.0              | 17,231.8              | 11,814.2              | 57.7             | 55.7          | -66.37                | -4,689.9     | -589.4       | 491.1                  | 390.2                   | 100.86                      | 4.869             |                             |  |
| 17,600.0                                                                               | 12,011.0              | 17,331.8              | 11,814.2              | 58.5             | 56.5          | -66.37                | -4,789.9     | -588.8       | 491.1                  | 388.6                   | 102.53                      | 4.790             |                             |  |
| 17,700.0                                                                               | 12,011.0              | 17,431.8              | 11,814.2              | 59.4             | 57.4          | -66.38                | -4,889.9     | -588.2       | 491.1                  | 386.9                   | 104.19                      | 4.713             |                             |  |
| 17,800.0                                                                               | 12,011.0              | 17,531.8              | 11,814.2              | 60.2             | 58.3          | -66.38                | -4,989.9     | -587.5       | 491.1                  | 385.2                   | 105.87                      | 4.639             |                             |  |
| 17,900.0                                                                               | 12,011.0              | 17,631.8              | 11,814.2              | 61.1             | 59.2          | -66.38                | -5,089.9     | -586.9       | 491.1                  | 383.5                   | 107.54                      | 4.566             |                             |  |
| 18,000.0                                                                               | 12,011.0              | 17,731.8              | 11,814.2              | 61.9             | 60.0          | -66.38                | -5,189.8     | -586.3       | 491.1                  | 381.9                   | 109.23                      | 4.496             |                             |  |
| 18,100.0                                                                               | 12,011.0              | 17,831.8              | 11,814.2              | 62.8             | 60.9          | -66.38                | -5,289.8     | -585.6       | 491.1                  | 380.2                   | 110.92                      | 4.428             |                             |  |
| 18,200.0                                                                               | 12,011.0              | 17,931.8              | 11,814.2              | 63.6             | 61.8          | -66.38                | -5,389.8     | -585.0       | 491.1                  | 378.5                   | 112.61                      | 4.361             |                             |  |
| 18,300.0                                                                               | 12,011.0              | 18,031.8              | 11,814.2              | 64.5             | 62.7          | -66.38                | -5,489.8     | -584.4       | 491.1                  | 376.8                   | 114.31                      | 4.296             |                             |  |
| 18,400.0                                                                               | 12,011.0              | 18,131.8              | 11,814.2              | 65.4             | 63.6          | -66.38                | -5,589.8     | -583.7       | 491.1                  | 375.1                   | 116.02                      | 4.233             |                             |  |
| 18,500.0                                                                               | 12,011.0              | 18,231.8              | 11,814.2              | 66.3             | 64.5          | -66.38                | -5,689.8     | -583.1       | 491.1                  | 373.4                   | 117.72                      | 4.172             |                             |  |
| 18,600.0                                                                               | 12,011.0              | 18,331.8              | 11,814.2              | 67.1             | 65.4          | -66.38                | -5,789.8     | -582.5       | 491.1                  | 371.7                   | 119.44                      | 4.112             |                             |  |
| 18,700.0                                                                               | 12,011.0              | 18,431.8              | 11,814.2              | 68.0             | 66.3          | -66.38                | -5,889.8     | -581.8       | 491.1                  | 370.0                   | 121.15                      | 4.054             |                             |  |
| 18,800.0                                                                               | 12,011.0              | 18,531.8              | 11,814.2              | 68.9             | 67.2          | -66.38                | -5,989.8     | -581.2       | 491.1                  | 368.2                   | 122.87                      | 3.997             |                             |  |
| 18,900.0                                                                               | 12,011.0              | 18,631.8              | 11,814.2              | 69.8             | 68.1          | -66.38                | -6,089.8     | -580.6       | 491.1                  | 366.5                   | 124.60                      | 3.942             |                             |  |
| 19,000.0                                                                               | 12,011.0              | 18,731.8              | 11,814.2              | 70.7             | 69.0          | -66.38                | -6,189.8     | -579.9       | 491.1                  | 364.8                   | 126.33                      | 3.888             |                             |  |
| 19,100.0                                                                               | 12,011.0              | 18,831.8              | 11,814.2              | 71.5             | 69.9          | -66.38                | -6,289.8     | -579.3       | 491.1                  | 363.1                   | 128.06                      | 3.835             |                             |  |
| 19,200.0                                                                               | 12,011.0              | 18,931.8              | 11,814.2              | 72.4             | 70.9          | -66.38                | -6,389.8     | -578.7       | 491.1                  | 361.3                   | 129.79                      | 3.784             |                             |  |
| 19,300.0                                                                               | 12,011.0              | 19,031.8              | 11,814.2              | 73.3             | 71.8          | -66.38                | -6,489.8     | -578.0       | 491.1                  | 359.6                   | 131.53                      | 3.734             |                             |  |
| 19,400.0                                                                               | 12,011.0              | 19,131.8              | 11,814.2              | 74.2             | 72.7          | -66.38                | -6,589.8     | -577.4       | 491.1                  | 357.9                   | 133.27                      | 3.685             |                             |  |
| 19,500.0                                                                               | 12,011.0              | 19,231.8              | 11,814.2              | 75.1             | 73.6          | -66.38                | -6,689.8     | -576.8       | 491.1                  | 356.1                   | 135.02                      | 3.638             |                             |  |
| 19,600.0                                                                               | 12,011.0              | 19,331.8              | 11,814.2              | 76.0             | 74.5          | -66.38                | -6,789.8     | -576.1       | 491.1                  | 354.4                   | 136.76                      | 3.591             |                             |  |
| 19,700.0                                                                               | 12,011.0              | 19,431.8              | 11,814.2              | 76.9             | 75.4          | -66.38                | -6,889.8     | -575.5       | 491.1                  | 352.6                   | 138.51                      | 3.546             |                             |  |
| 19,800.0                                                                               | 12,011.0              | 19,531.8              | 11,814.2              | 77.8             | 76.3          | -66.38                | -6,989.8     | -574.9       | 491.1                  | 350.9                   | 140.26                      | 3.502             |                             |  |
| 19,812.8                                                                               | 12,011.0              | 19,544.6              | 11,814.2              | 77.9             | 76.5          | -66.38                | -7,002.6     | -574.8       | 491.1                  | 350.7                   | 140.45                      | 3.497             |                             |  |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 710H - 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 0.0                                                                                           | 0.0                                  | 0.0                                  | 0.5                                  | 3.0                         | 3.0                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  |                                        |                                      |                              |                |
| 100.0                                                                                         | 100.0                                | 99.5                                 | 100.0                                | 3.1                         | 3.1                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 33.4                                   | 6.60                                 | 6.054                        |                |
| 200.0                                                                                         | 200.0                                | 199.5                                | 200.0                                | 3.3                         | 3.3                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 32.9                                   | 7.05                                 | 5.666                        |                |
| 300.0                                                                                         | 300.0                                | 299.5                                | 300.0                                | 3.5                         | 3.5                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 32.5                                   | 7.48                                 | 5.343                        |                |
| 400.0                                                                                         | 400.0                                | 399.5                                | 400.0                                | 3.8                         | 3.8                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 32.1                                   | 7.88                                 | 5.068                        |                |
| 500.0                                                                                         | 500.0                                | 499.5                                | 500.0                                | 4.0                         | 3.9                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 31.7                                   | 8.27                                 | 4.830                        |                |
| 600.0                                                                                         | 600.0                                | 599.5                                | 600.0                                | 4.1                         | 4.1                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 31.3                                   | 8.64                                 | 4.622                        |                |
| 700.0                                                                                         | 700.0                                | 699.5                                | 700.0                                | 4.3                         | 4.3                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 30.9                                   | 9.00                                 | 4.437                        |                |
| 800.0                                                                                         | 800.0                                | 799.5                                | 800.0                                | 4.5                         | 4.5                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 30.6                                   | 9.35                                 | 4.273                        |                |
| 900.0                                                                                         | 900.0                                | 899.5                                | 900.0                                | 4.7                         | 4.7                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 30.3                                   | 9.69                                 | 4.124                        |                |
| 1,000.0                                                                                       | 1,000.0                              | 999.5                                | 1,000.0                              | 4.8                         | 4.8                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 29.9                                   | 10.02                                | 3.989                        |                |
| 1,100.0                                                                                       | 1,100.0                              | 1,099.5                              | 1,100.0                              | 5.0                         | 5.0                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 29.6                                   | 10.34                                | 3.865                        |                |
| 1,200.0                                                                                       | 1,200.0                              | 1,199.5                              | 1,200.0                              | 5.2                         | 5.2                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 29.3                                   | 10.65                                | 3.752                        |                |
| 1,300.0                                                                                       | 1,300.0                              | 1,299.5                              | 1,300.0                              | 5.3                         | 5.3                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 29.0                                   | 10.95                                | 3.647                        |                |
| 1,400.0                                                                                       | 1,400.0                              | 1,399.5                              | 1,400.0                              | 5.5                         | 5.5                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 28.7                                   | 11.25                                | 3.550                        |                |
| 1,500.0                                                                                       | 1,500.0                              | 1,499.5                              | 1,500.0                              | 5.6                         | 5.6                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 28.4                                   | 11.55                                | 3.460                        |                |
| 1,600.0                                                                                       | 1,600.0                              | 1,599.5                              | 1,600.0                              | 5.8                         | 5.8                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 28.1                                   | 11.83                                | 3.376                        |                |
| 1,700.0                                                                                       | 1,700.0                              | 1,699.5                              | 1,700.0                              | 5.9                         | 5.9                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 27.8                                   | 12.12                                | 3.297                        |                |
| 1,800.0                                                                                       | 1,800.0                              | 1,799.5                              | 1,800.0                              | 6.0                         | 6.0                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 27.6                                   | 12.40                                | 3.223                        |                |
| 1,900.0                                                                                       | 1,900.0                              | 1,899.5                              | 1,900.0                              | 6.2                         | 6.2                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 27.3                                   | 12.67                                | 3.153                        |                |
| 2,000.0                                                                                       | 2,000.0                              | 1,999.5                              | 2,000.0                              | 6.3                         | 6.3                      | 125.85                               | -23.4                         | 32.4                    | 40.0                                  | 27.0                                   | 12.94                                | 3.087 CC, ES                 |                |
| 2,100.0                                                                                       | 2,100.0                              | 2,099.5                              | 2,100.0                              | 6.5                         | 6.5                      | 112.58                               | -23.4                         | 32.4                    | 40.4                                  | 27.2                                   | 13.21                                | 3.060 SF                     |                |
| 2,200.0                                                                                       | 2,199.9                              | 2,199.4                              | 2,199.9                              | 6.7                         | 6.6                      | 117.50                               | -23.4                         | 32.4                    | 42.1                                  | 28.6                                   | 13.49                                | 3.122                        |                |
| 2,300.0                                                                                       | 2,299.7                              | 2,299.2                              | 2,299.7                              | 6.9                         | 6.7                      | 124.77                               | -23.4                         | 32.4                    | 45.5                                  | 31.7                                   | 13.77                                | 3.303                        |                |
| 2,333.3                                                                                       | 2,332.9                              | 2,332.4                              | 2,332.9                              | 6.9                         | 6.8                      | 127.50                               | -23.4                         | 32.4                    | 47.1                                  | 33.3                                   | 13.84                                | 3.404                        |                |
| 2,400.0                                                                                       | 2,399.3                              | 2,398.8                              | 2,399.3                              | 7.0                         | 6.8                      | 146.67                               | -23.4                         | 32.4                    | 51.5                                  | 37.5                                   | 14.02                                | 3.673                        |                |
| 2,500.0                                                                                       | 2,498.8                              | 2,498.3                              | 2,498.8                              | 7.2                         | 7.0                      | 167.93                               | -23.4                         | 32.4                    | 60.8                                  | 46.4                                   | 14.34                                | 4.237                        |                |
| 2,600.0                                                                                       | 2,598.1                              | 2,598.7                              | 2,599.1                              | 7.4                         | 7.2                      | 179.67                               | -22.0                         | 33.4                    | 72.0                                  | 57.3                                   | 14.70                                | 4.902                        |                |
| 2,700.0                                                                                       | 2,697.0                              | 2,698.8                              | 2,699.2                              | 7.6                         | 7.4                      | -176.08                              | -17.8                         | 36.3                    | 84.6                                  | 69.6                                   | 15.06                                | 5.622                        |                |
| 2,800.0                                                                                       | 2,795.4                              | 2,799.6                              | 2,799.6                              | 7.9                         | 7.5                      | -176.10                              | -10.6                         | 40.8                    | 99.1                                  | 83.8                                   | 15.36                                | 6.455                        |                |
| 2,900.0                                                                                       | 2,893.3                              | 2,901.8                              | 2,901.2                              | 8.2                         | 7.7                      | -177.34                              | -0.6                          | 43.6                    | 114.3                                 | 98.5                                   | 15.76                                | 7.250                        |                |
| 3,000.0                                                                                       | 2,990.4                              | 3,004.4                              | 3,003.1                              | 8.5                         | 7.9                      | -179.10                              | 12.1                          | 43.8                    | 129.8                                 | 113.6                                  | 16.17                                | 8.027                        |                |
| 3,040.0                                                                                       | 3,029.0                              | 3,045.6                              | 3,043.8                              | 8.6                         | 8.0                      | -179.90                              | 18.0                          | 43.3                    | 136.2                                 | 119.9                                  | 16.30                                | 8.353                        |                |
| 3,100.0                                                                                       | 3,086.8                              | 3,107.6                              | 3,105.0                              | 8.7                         | 8.1                      | 177.50                               | 27.7                          | 41.7                    | 145.3                                 | 128.8                                  | 16.50                                | 8.806                        |                |
| 3,200.0                                                                                       | 3,183.2                              | 3,209.9                              | 3,205.7                              | 9.0                         | 8.3                      | 173.64                               | 45.7                          | 37.2                    | 158.3                                 | 141.5                                  | 16.85                                | 9.400                        |                |
| 3,300.0                                                                                       | 3,279.6                              | 3,308.7                              | 3,302.6                              | 9.3                         | 8.5                      | 170.41                               | 63.7                          | 32.3                    | 171.2                                 | 153.9                                  | 17.27                                | 9.912                        |                |
| 3,400.0                                                                                       | 3,376.0                              | 3,407.4                              | 3,399.6                              | 9.7                         | 8.8                      | 167.63                               | 81.7                          | 27.4                    | 184.4                                 | 166.7                                  | 17.69                                | 10.426                       |                |
| 3,500.0                                                                                       | 3,472.4                              | 3,506.2                              | 3,496.6                              | 10.0                        | 9.1                      | 165.23                               | 99.7                          | 22.5                    | 198.1                                 | 180.0                                  | 18.12                                | 10.930                       |                |
| 3,600.0                                                                                       | 3,568.8                              | 3,604.9                              | 3,593.5                              | 10.4                        | 9.3                      | 163.13                               | 117.7                         | 17.6                    | 212.0                                 | 193.5                                  | 18.56                                | 11.421                       |                |
| 3,700.0                                                                                       | 3,665.2                              | 3,703.6                              | 3,690.5                              | 10.7                        | 9.6                      | 161.30                               | 135.7                         | 12.7                    | 226.2                                 | 207.2                                  | 19.02                                | 11.894                       |                |
| 3,800.0                                                                                       | 3,761.6                              | 3,802.4                              | 3,787.4                              | 11.1                        | 9.9                      | 159.69                               | 153.8                         | 7.8                     | 240.6                                 | 221.1                                  | 19.48                                | 12.352                       |                |
| 3,900.0                                                                                       | 3,858.0                              | 3,901.1                              | 3,884.4                              | 11.5                        | 10.3                     | 158.25                               | 171.8                         | 2.9                     | 255.2                                 | 235.2                                  | 19.95                                | 12.790                       |                |
| 4,000.0                                                                                       | 3,954.4                              | 3,999.9                              | 3,981.4                              | 11.9                        | 10.6                     | 156.97                               | 189.8                         | -2.0                    | 269.9                                 | 249.4                                  | 20.43                                | 13.209                       |                |
| 4,100.0                                                                                       | 4,050.8                              | 4,098.6                              | 4,078.3                              | 12.3                        | 10.9                     | 155.83                               | 207.8                         | -6.9                    | 284.7                                 | 263.8                                  | 20.92                                | 13.610                       |                |
| 4,200.0                                                                                       | 4,147.1                              | 4,197.4                              | 4,175.3                              | 12.7                        | 11.3                     | 154.79                               | 225.8                         | -11.8                   | 299.6                                 | 278.2                                  | 21.41                                | 13.992                       |                |
| 4,300.0                                                                                       | 4,243.5                              | 4,296.1                              | 4,272.3                              | 13.1                        | 11.6                     | 153.86                               | 243.8                         | -16.7                   | 314.6                                 | 292.7                                  | 21.91                                | 14.357                       |                |
| 4,400.0                                                                                       | 4,339.9                              | 4,394.8                              | 4,369.2                              | 13.6                        | 12.0                     | 153.01                               | 261.8                         | -21.6                   | 329.7                                 | 307.2                                  | 22.42                                | 14.704                       |                |
| 4,500.0                                                                                       | 4,436.3                              | 4,493.6                              | 4,466.2                              | 14.0                        | 12.4                     | 152.23                               | 279.8                         | -26.5                   | 344.8                                 | 321.9                                  | 22.93                                | 15.035                       |                |
| 4,600.0                                                                                       | 4,532.7                              | 4,592.3                              | 4,563.1                              | 14.4                        | 12.7                     | 151.52                               | 297.9                         | -31.4                   | 360.0                                 | 336.6                                  | 23.45                                | 15.350                       |                |
| 4,700.0                                                                                       | 4,629.1                              | 4,691.1                              | 4,660.1                              | 14.8                        | 13.1                     | 150.87                               | 315.9                         | -36.3                   | 375.3                                 | 351.3                                  | 23.98                                | 15.650                       |                |
| 4,800.0                                                                                       | 4,725.5                              | 4,789.8                              | 4,757.1                              | 15.3                        | 13.5                     | 150.27                               | 333.9                         | -41.2                   | 390.6                                 | 366.0                                  | 24.51                                | 15.935                       |                |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 710H - OWB - PWP0 |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                       |                             | Offset Site Error: 0.0 usft |  |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------|--|
| Survey Program: 0-r.5 MWD+IFR1                                                         |                       | Offset                |                       | Semi Major Axis  |               |                       | 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) | Highside Toolface (°) | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor           | Warning                     |  |
| 4,900.0                                                                                | 4,821.9               | 4,888.6               | 4,854.0               | 15.7             | 13.9          | 149.71                | 351.9                  | -46.1        | 405.9                   | 380.8                   | 25.04                 | 16.207                      |                             |  |
| 5,000.0                                                                                | 4,918.3               | 4,987.3               | 4,951.0               | 16.2             | 14.3          | 149.20                | 369.9                  | -51.1        | 421.2                   | 395.7                   | 25.58                 | 16.466                      |                             |  |
| 5,100.0                                                                                | 5,014.7               | 5,086.1               | 5,048.0               | 16.6             | 14.7          | 148.72                | 387.9                  | -56.0        | 436.6                   | 410.5                   | 26.13                 | 16.713                      |                             |  |
| 5,200.0                                                                                | 5,111.1               | 5,184.8               | 5,144.9               | 17.1             | 15.1          | 148.27                | 405.9                  | -60.9        | 452.1                   | 425.4                   | 26.67                 | 16.949                      |                             |  |
| 5,300.0                                                                                | 5,207.4               | 5,283.5               | 5,241.9               | 17.5             | 15.5          | 147.85                | 424.0                  | -65.8        | 467.5                   | 440.3                   | 27.22                 | 17.173                      |                             |  |
| 5,400.0                                                                                | 5,303.8               | 5,382.3               | 5,338.8               | 18.0             | 15.9          | 147.46                | 442.0                  | -70.7        | 483.0                   | 455.2                   | 27.78                 | 17.388                      |                             |  |
| 5,500.0                                                                                | 5,400.2               | 5,481.0               | 5,435.8               | 18.5             | 16.3          | 147.10                | 460.0                  | -75.6        | 498.5                   | 470.2                   | 28.34                 | 17.592                      |                             |  |
| 5,600.0                                                                                | 5,496.6               | 5,579.8               | 5,532.8               | 18.9             | 16.7          | 146.75                | 478.0                  | -80.5        | 514.0                   | 485.1                   | 28.90                 | 17.787                      |                             |  |
| 5,700.0                                                                                | 5,593.0               | 5,678.5               | 5,629.7               | 19.4             | 17.2          | 146.43                | 496.0                  | -85.4        | 529.5                   | 500.1                   | 29.46                 | 17.974                      |                             |  |
| 5,800.0                                                                                | 5,689.4               | 5,777.3               | 5,726.7               | 19.8             | 17.6          | 146.12                | 514.0                  | -90.3        | 545.1                   | 515.0                   | 30.03                 | 18.153                      |                             |  |
| 5,900.0                                                                                | 5,785.8               | 5,876.0               | 5,823.7               | 20.3             | 18.0          | 145.83                | 532.0                  | -95.2        | 560.6                   | 530.0                   | 30.60                 | 18.323                      |                             |  |
| 6,000.0                                                                                | 5,882.2               | 5,974.7               | 5,920.6               | 20.8             | 18.4          | 145.56                | 550.0                  | -100.1       | 576.2                   | 545.0                   | 31.17                 | 18.487                      |                             |  |
| 6,100.0                                                                                | 5,978.6               | 6,073.5               | 6,017.6               | 21.3             | 18.8          | 145.30                | 568.1                  | -105.0       | 591.8                   | 560.0                   | 31.74                 | 18.644                      |                             |  |
| 6,200.0                                                                                | 6,075.0               | 6,172.2               | 6,114.6               | 21.7             | 19.3          | 145.06                | 586.1                  | -109.9       | 607.4                   | 575.1                   | 32.32                 | 18.794                      |                             |  |
| 6,300.0                                                                                | 6,171.3               | 6,271.0               | 6,211.5               | 22.2             | 19.7          | 144.82                | 604.1                  | -114.8       | 623.0                   | 590.1                   | 32.90                 | 18.938                      |                             |  |
| 6,400.0                                                                                | 6,267.7               | 6,369.7               | 6,308.5               | 22.7             | 20.1          | 144.60                | 622.1                  | -119.7       | 638.6                   | 605.1                   | 33.48                 | 19.076                      |                             |  |
| 6,500.0                                                                                | 6,364.1               | 6,468.5               | 6,405.4               | 23.2             | 20.5          | 144.39                | 640.1                  | -124.6       | 654.2                   | 620.2                   | 34.06                 | 19.208                      |                             |  |
| 6,600.0                                                                                | 6,460.5               | 6,567.2               | 6,502.4               | 23.6             | 21.0          | 144.19                | 658.1                  | -129.5       | 669.9                   | 635.2                   | 34.64                 | 19.335                      |                             |  |
| 6,614.6                                                                                | 6,474.6               | 6,581.6               | 6,516.5               | 23.7             | 21.0          | 144.16                | 660.7                  | -130.2       | 672.1                   | 637.4                   | 34.72                 | 19.356                      |                             |  |
| 6,700.0                                                                                | 6,557.1               | 6,666.0               | 6,599.4               | 24.1             | 21.4          | 144.04                | 676.2                  | -134.4       | 685.0                   | 649.8                   | 35.22                 | 19.451                      |                             |  |
| 6,800.0                                                                                | 6,654.1               | 6,765.0               | 6,696.6               | 24.6             | 21.8          | 143.82                | 694.2                  | -139.3       | 698.8                   | 663.0                   | 35.76                 | 19.539                      |                             |  |
| 6,900.0                                                                                | 6,751.5               | 6,864.1               | 6,794.0               | 25.0             | 22.3          | 143.53                | 712.3                  | -144.2       | 711.1                   | 674.9                   | 36.28                 | 19.604                      |                             |  |
| 7,000.0                                                                                | 6,849.3               | 6,963.4               | 6,891.4               | 25.5             | 22.7          | 143.15                | 730.4                  | -149.2       | 722.2                   | 685.4                   | 36.75                 | 19.650                      |                             |  |
| 7,100.0                                                                                | 6,947.4               | 7,060.0               | 6,986.4               | 26.0             | 23.1          | 142.75                | 747.6                  | -153.9       | 732.0                   | 694.8                   | 37.20                 | 19.677                      |                             |  |
| 7,200.0                                                                                | 7,045.8               | 7,155.8               | 7,080.8               | 26.4             | 23.6          | 142.39                | 763.2                  | -158.1       | 741.0                   | 703.3                   | 37.64                 | 19.688                      |                             |  |
| 7,300.0                                                                                | 7,144.6               | 7,251.7               | 7,175.6               | 26.8             | 24.0          | 142.07                | 777.3                  | -161.9       | 749.1                   | 711.0                   | 38.05                 | 19.685                      |                             |  |
| 7,400.0                                                                                | 7,243.6               | 7,347.7               | 7,270.7               | 27.3             | 24.4          | 141.80                | 789.9                  | -165.4       | 756.4                   | 717.9                   | 38.46                 | 19.666                      |                             |  |
| 7,500.0                                                                                | 7,342.8               | 7,443.9               | 7,366.2               | 27.7             | 24.8          | 141.56                | 800.9                  | -168.4       | 762.7                   | 723.9                   | 38.86                 | 19.630                      |                             |  |
| 7,600.0                                                                                | 7,442.3               | 7,540.2               | 7,462.0               | 28.1             | 25.1          | 141.36                | 810.4                  | -171.0       | 768.2                   | 729.0                   | 39.24                 | 19.578                      |                             |  |
| 7,700.0                                                                                | 7,541.9               | 7,636.5               | 7,558.0               | 28.4             | 25.5          | 141.20                | 818.4                  | -173.1       | 772.8                   | 733.2                   | 39.61                 | 19.512                      |                             |  |
| 7,800.0                                                                                | 7,641.6               | 7,732.9               | 7,654.1               | 28.8             | 25.8          | 141.07                | 824.8                  | -174.9       | 776.5                   | 736.6                   | 39.96                 | 19.431                      |                             |  |
| 7,900.0                                                                                | 7,741.5               | 7,829.4               | 7,750.5               | 29.2             | 26.2          | 140.97                | 829.6                  | -176.2       | 779.3                   | 739.0                   | 40.30                 | 19.339                      |                             |  |
| 8,000.0                                                                                | 7,841.4               | 7,925.9               | 7,846.9               | 29.5             | 26.5          | 140.90                | 832.9                  | -177.1       | 781.2                   | 740.6                   | 40.61                 | 19.238                      |                             |  |
| 8,100.0                                                                                | 7,941.4               | 8,022.4               | 7,943.4               | 29.7             | 26.7          | 140.87                | 834.6                  | -177.5       | 782.2                   | 741.3                   | 40.88                 | 19.134                      |                             |  |
| 8,158.6                                                                                | 8,000.0               | 8,079.5               | 8,000.5               | 29.8             | 26.8          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.4                   | 40.97                 | 19.099                      |                             |  |
| 8,172.6                                                                                | 8,014.0               | 8,092.9               | 8,014.0               | 29.8             | 26.8          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.4                   | 40.97                 | 19.097                      |                             |  |
| 8,200.0                                                                                | 8,041.4               | 8,120.4               | 8,041.4               | 29.8             | 26.8          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.4                   | 40.99                 | 19.087                      |                             |  |
| 8,300.0                                                                                | 8,141.4               | 8,220.4               | 8,141.4               | 29.9             | 26.9          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.3                   | 41.10                 | 19.035                      |                             |  |
| 8,400.0                                                                                | 8,241.4               | 8,320.4               | 8,241.4               | 29.9             | 26.9          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.2                   | 41.21                 | 18.985                      |                             |  |
| 8,500.0                                                                                | 8,341.4               | 8,420.4               | 8,341.4               | 29.9             | 26.9          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.1                   | 41.32                 | 18.935                      |                             |  |
| 8,600.0                                                                                | 8,441.4               | 8,520.4               | 8,441.4               | 30.0             | 27.0          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 741.0                   | 41.43                 | 18.886                      |                             |  |
| 8,700.0                                                                                | 8,541.4               | 8,620.4               | 8,541.4               | 30.0             | 27.0          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.8                   | 41.54                 | 18.836                      |                             |  |
| 8,800.0                                                                                | 8,641.4               | 8,720.4               | 8,641.4               | 30.0             | 27.1          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.7                   | 41.65                 | 18.787                      |                             |  |
| 8,900.0                                                                                | 8,741.4               | 8,820.4               | 8,741.4               | 30.1             | 27.1          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.6                   | 41.76                 | 18.737                      |                             |  |
| 9,000.0                                                                                | 8,841.4               | 8,920.4               | 8,841.4               | 30.1             | 27.2          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.5                   | 41.87                 | 18.688                      |                             |  |
| 9,100.0                                                                                | 8,941.4               | 9,020.4               | 8,941.4               | 30.2             | 27.2          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.4                   | 41.98                 | 18.639                      |                             |  |
| 9,200.0                                                                                | 9,041.4               | 9,120.4               | 9,041.4               | 30.2             | 27.3          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.3                   | 42.09                 | 18.590                      |                             |  |
| 9,300.0                                                                                | 9,141.4               | 9,220.4               | 9,141.4               | 30.2             | 27.3          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.2                   | 42.20                 | 18.541                      |                             |  |
| 9,400.0                                                                                | 9,241.4               | 9,320.4               | 9,241.4               | 30.3             | 27.4          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.1                   | 42.31                 | 18.492                      |                             |  |
| 9,500.0                                                                                | 9,341.4               | 9,420.4               | 9,341.4               | 30.3             | 27.4          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 740.0                   | 42.42                 | 18.444                      |                             |  |
| 9,600.0                                                                                | 9,441.4               | 9,520.4               | 9,441.4               | 30.4             | 27.5          | 90.01                 | 834.9                  | -177.6       | 782.4                   | 739.8                   | 42.53                 | 18.395                      |                             |  |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 710H - 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 9,700.0                                                                                       | 9,541.4                              | 9,620.4                              | 9,541.4                              | 30.4                        | 27.5                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.7                                  | 42.64                                | 18.347                       |                |
| 9,800.0                                                                                       | 9,641.4                              | 9,720.4                              | 9,641.4                              | 30.4                        | 27.6                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.6                                  | 42.76                                | 18.299                       |                |
| 9,900.0                                                                                       | 9,741.4                              | 9,820.4                              | 9,741.4                              | 30.5                        | 27.6                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.5                                  | 42.87                                | 18.251                       |                |
| 10,000.0                                                                                      | 9,841.4                              | 9,920.4                              | 9,841.4                              | 30.5                        | 27.7                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.4                                  | 42.98                                | 18.202                       |                |
| 10,100.0                                                                                      | 9,941.4                              | 10,020.4                             | 9,941.4                              | 30.6                        | 27.7                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.3                                  | 43.10                                | 18.155                       |                |
| 10,200.0                                                                                      | 10,041.4                             | 10,120.4                             | 10,041.4                             | 30.6                        | 27.8                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.2                                  | 43.21                                | 18.107                       |                |
| 10,300.0                                                                                      | 10,141.4                             | 10,220.4                             | 10,141.4                             | 30.6                        | 27.8                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 739.1                                  | 43.32                                | 18.059                       |                |
| 10,400.0                                                                                      | 10,241.4                             | 10,320.4                             | 10,241.4                             | 30.7                        | 27.9                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.9                                  | 43.44                                | 18.012                       |                |
| 10,500.0                                                                                      | 10,341.4                             | 10,420.4                             | 10,341.4                             | 30.7                        | 27.9                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.8                                  | 43.55                                | 17.964                       |                |
| 10,600.0                                                                                      | 10,441.4                             | 10,520.4                             | 10,441.4                             | 30.8                        | 28.0                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.7                                  | 43.67                                | 17.917                       |                |
| 10,700.0                                                                                      | 10,541.4                             | 10,620.4                             | 10,541.4                             | 30.8                        | 28.0                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.6                                  | 43.78                                | 17.870                       |                |
| 10,800.0                                                                                      | 10,641.4                             | 10,720.4                             | 10,641.4                             | 30.9                        | 28.1                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.5                                  | 43.90                                | 17.823                       |                |
| 10,900.0                                                                                      | 10,741.4                             | 10,820.4                             | 10,741.4                             | 30.9                        | 28.1                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.4                                  | 44.01                                | 17.776                       |                |
| 11,000.0                                                                                      | 10,841.4                             | 10,920.4                             | 10,841.4                             | 30.9                        | 28.2                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.3                                  | 44.13                                | 17.729                       |                |
| 11,100.0                                                                                      | 10,941.4                             | 11,020.4                             | 10,941.4                             | 31.0                        | 28.2                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.1                                  | 44.25                                | 17.682                       |                |
| 11,200.0                                                                                      | 11,041.4                             | 11,120.4                             | 11,041.4                             | 31.0                        | 28.3                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 738.0                                  | 44.36                                | 17.636                       |                |
| 11,300.0                                                                                      | 11,141.4                             | 11,220.4                             | 11,141.4                             | 31.1                        | 28.3                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 737.9                                  | 44.48                                | 17.590                       |                |
| 11,400.0                                                                                      | 11,241.4                             | 11,320.4                             | 11,241.4                             | 31.1                        | 28.4                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 737.8                                  | 44.60                                | 17.543                       |                |
| 11,500.0                                                                                      | 11,341.4                             | 11,420.4                             | 11,341.4                             | 31.2                        | 28.4                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 737.7                                  | 44.71                                | 17.497                       |                |
| 11,600.0                                                                                      | 11,441.4                             | 11,520.4                             | 11,441.4                             | 31.2                        | 28.5                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 737.5                                  | 44.83                                | 17.451                       |                |
| 11,692.1                                                                                      | 11,533.5                             | 11,612.5                             | 11,533.5                             | 31.2                        | 28.5                     | 90.01                                | 834.9                         | -177.6                  | 782.4                                 | 737.4                                  | 44.93                                | 17.411                       |                |
| 11,700.0                                                                                      | 11,541.4                             | 11,620.4                             | 11,541.4                             | 31.2                        | 28.5                     | -98.90                               | 834.9                         | -177.6                  | 782.4                                 | 737.5                                  | 44.94                                | 17.410                       |                |
| 11,725.0                                                                                      | 11,566.3                             | 11,645.2                             | 11,566.2                             | 31.2                        | 28.5                     | -98.95                               | 834.8                         | -177.6                  | 782.6                                 | 737.6                                  | 44.93                                | 17.418                       |                |
| 11,750.0                                                                                      | 11,591.2                             | 11,669.9                             | 11,590.9                             | 31.1                        | 28.5                     | -98.98                               | 833.6                         | -177.6                  | 782.9                                 | 738.0                                  | 44.90                                | 17.436                       |                |
| 11,775.0                                                                                      | 11,616.0                             | 11,694.7                             | 11,615.6                             | 31.1                        | 28.4                     | -99.00                               | 831.2                         | -177.6                  | 783.5                                 | 738.6                                  | 44.88                                | 17.460                       |                |
| 11,800.0                                                                                      | 11,640.5                             | 11,719.6                             | 11,640.1                             | 31.0                        | 28.3                     | -98.99                               | 827.4                         | -177.6                  | 784.3                                 | 739.5                                  | 44.85                                | 17.488                       |                |
| 11,825.0                                                                                      | 11,664.7                             | 11,744.5                             | 11,664.5                             | 31.0                        | 28.2                     | -98.95                               | 822.4                         | -177.5                  | 785.3                                 | 740.5                                  | 44.82                                | 17.522                       |                |
| 11,850.0                                                                                      | 11,688.5                             | 11,769.4                             | 11,688.6                             | 30.9                        | 28.1                     | -98.89                               | 816.1                         | -177.5                  | 786.6                                 | 741.8                                  | 44.79                                | 17.559                       |                |
| 11,875.0                                                                                      | 11,711.9                             | 11,794.4                             | 11,712.5                             | 30.8                        | 28.0                     | -98.80                               | 808.5                         | -177.4                  | 788.0                                 | 743.2                                  | 44.77                                | 17.602                       |                |
| 11,900.0                                                                                      | 11,734.9                             | 11,819.4                             | 11,735.9                             | 30.8                        | 27.9                     | -98.69                               | 799.7                         | -177.3                  | 789.6                                 | 744.9                                  | 44.74                                | 17.648                       |                |
| 11,925.0                                                                                      | 11,757.2                             | 11,844.5                             | 11,758.9                             | 30.7                        | 27.8                     | -98.55                               | 789.7                         | -177.3                  | 791.4                                 | 746.7                                  | 44.72                                | 17.698                       |                |
| 11,950.0                                                                                      | 11,779.0                             | 11,869.6                             | 11,781.3                             | 30.6                        | 27.7                     | -98.39                               | 778.4                         | -177.2                  | 793.4                                 | 748.7                                  | 44.69                                | 17.752                       |                |
| 11,975.0                                                                                      | 11,800.1                             | 11,894.8                             | 11,803.2                             | 30.6                        | 27.6                     | -98.21                               | 765.9                         | -177.1                  | 795.6                                 | 750.9                                  | 44.67                                | 17.810                       |                |
| 12,000.0                                                                                      | 11,820.5                             | 11,920.0                             | 11,824.4                             | 30.5                        | 27.5                     | -98.00                               | 752.3                         | -177.0                  | 798.0                                 | 753.3                                  | 44.65                                | 17.870                       |                |
| 12,025.0                                                                                      | 11,840.1                             | 11,945.3                             | 11,844.9                             | 30.5                        | 27.4                     | -97.77                               | 737.6                         | -176.9                  | 800.5                                 | 755.9                                  | 44.64                                | 17.933                       |                |
| 12,050.0                                                                                      | 11,858.8                             | 11,970.5                             | 11,864.6                             | 30.4                        | 27.3                     | -97.52                               | 721.8                         | -176.7                  | 803.2                                 | 758.6                                  | 44.62                                | 17.999                       |                |
| 12,075.0                                                                                      | 11,876.6                             | 11,995.9                             | 11,883.5                             | 30.3                        | 27.2                     | -97.25                               | 704.9                         | -176.6                  | 806.0                                 | 761.4                                  | 44.61                                | 18.067                       |                |
| 12,100.0                                                                                      | 11,893.5                             | 12,021.2                             | 11,901.5                             | 30.3                        | 27.1                     | -96.95                               | 687.0                         | -176.5                  | 809.1                                 | 764.4                                  | 44.61                                | 18.137                       |                |
| 12,125.0                                                                                      | 11,909.5                             | 12,046.6                             | 11,918.5                             | 30.2                        | 27.0                     | -96.64                               | 668.2                         | -176.3                  | 812.2                                 | 767.6                                  | 44.61                                | 18.208                       |                |
| 12,150.0                                                                                      | 11,924.4                             | 12,072.0                             | 11,934.5                             | 30.2                        | 26.9                     | -96.31                               | 648.5                         | -176.2                  | 815.5                                 | 770.9                                  | 44.61                                | 18.280                       |                |
| 12,175.0                                                                                      | 11,938.2                             | 12,097.5                             | 11,949.5                             | 30.2                        | 26.8                     | -95.97                               | 627.9                         | -176.0                  | 818.9                                 | 774.3                                  | 44.62                                | 18.353                       |                |
| 12,200.0                                                                                      | 11,950.9                             | 12,123.0                             | 11,963.4                             | 30.1                        | 26.8                     | -95.60                               | 606.5                         | -175.8                  | 822.4                                 | 777.8                                  | 44.63                                | 18.426                       |                |
| 12,225.0                                                                                      | 11,962.4                             | 12,148.5                             | 11,976.1                             | 30.1                        | 26.7                     | -95.22                               | 584.3                         | -175.7                  | 826.0                                 | 781.4                                  | 44.65                                | 18.500                       |                |
| 12,250.0                                                                                      | 11,972.8                             | 12,174.1                             | 11,987.6                             | 30.1                        | 26.6                     | -94.83                               | 561.5                         | -175.5                  | 829.7                                 | 785.0                                  | 44.67                                | 18.573                       |                |
| 12,275.0                                                                                      | 11,982.0                             | 12,199.7                             | 11,998.0                             | 30.1                        | 26.6                     | -94.43                               | 538.1                         | -175.3                  | 833.5                                 | 788.8                                  | 44.70                                | 18.645                       |                |
| 12,300.0                                                                                      | 11,990.0                             | 12,225.3                             | 12,007.0                             | 30.0                        | 26.5                     | -94.01                               | 514.1                         | -175.1                  | 837.4                                 | 792.6                                  | 44.74                                | 18.717                       |                |
| 12,325.0                                                                                      | 11,996.7                             | 12,251.0                             | 12,014.8                             | 30.0                        | 26.5                     | -93.59                               | 489.7                         | -174.9                  | 841.3                                 | 796.5                                  | 44.78                                | 18.787                       |                |
| 12,350.0                                                                                      | 12,002.1                             | 12,276.7                             | 12,021.2                             | 30.0                        | 26.5                     | -93.16                               | 464.8                         | -174.7                  | 845.3                                 | 800.5                                  | 44.83                                | 18.856                       |                |
| 12,375.0                                                                                      | 12,006.3                             | 12,302.5                             | 12,026.4                             | 30.0                        | 26.4                     | -92.72                               | 439.6                         | -174.5                  | 849.3                                 | 804.4                                  | 44.88                                | 18.923                       |                |
| 12,400.0                                                                                      | 12,009.1                             | 12,328.2                             | 12,030.1                             | 30.0                        | 26.4                     | -92.27                               | 414.1                         | -174.3                  | 853.4                                 | 808.4                                  | 44.94                                | 18.988                       |                |
| 12,425.0                                                                                      | 12,010.7                             | 12,354.1                             | 12,032.5                             | 30.1                        | 26.4                     | -91.82                               | 388.3                         | -174.1                  | 857.4                                 | 812.4                                  | 45.00                                | 19.052                       |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                              |                           |          |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|------------------------------|---------------------------|----------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 710H - 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>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> |                              |                           |          |
| 12,442.1                                                                                      | 12,011.0                             | 12,371.8                             | 12,033.3                             | 30.1                        | 26.4                     | -91.51                               | 370.7                         | -174.0                  | 860.2                                 | 815.2                                  | 45.05                        | 19.094                    |          |
| 12,500.0                                                                                      | 12,011.0                             | 12,429.6                             | 12,033.5                             | 30.1                        | 26.4                     | -91.50                               | 312.8                         | -173.5                  | 869.0                                 | 823.9                                  | 45.19                        | 19.233                    |          |
| 12,600.0                                                                                      | 12,011.0                             | 12,528.9                             | 12,033.5                             | 30.2                        | 26.4                     | -91.47                               | 213.5                         | -172.8                  | 881.5                                 | 836.1                                  | 45.49                        | 19.380                    |          |
| 12,700.0                                                                                      | 12,011.0                             | 12,628.6                             | 12,033.5                             | 30.4                        | 26.4                     | -91.45                               | 113.8                         | -172.0                  | 890.6                                 | 844.7                                  | 45.87                        | 19.414                    |          |
| 12,800.0                                                                                      | 12,011.0                             | 12,728.6                             | 12,033.5                             | 30.5                        | 26.4                     | -91.44                               | 13.9                          | -171.2                  | 896.1                                 | 849.8                                  | 46.34                        | 19.337                    |          |
| 12,900.0                                                                                      | 12,011.0                             | 12,828.6                             | 12,033.5                             | 30.7                        | 26.5                     | -91.44                               | -86.2                         | -170.5                  | 898.1                                 | 851.2                                  | 46.89                        | 19.152                    |          |
| 12,905.2                                                                                      | 12,011.0                             | 12,833.9                             | 12,033.5                             | 30.7                        | 26.5                     | -91.44                               | -91.4                         | -170.5                  | 898.1                                 | 851.2                                  | 46.92                        | 19.140                    |          |
| 13,000.0                                                                                      | 12,011.0                             | 12,928.8                             | 12,033.5                             | 30.9                        | 26.5                     | -91.44                               | -186.3                        | -169.8                  | 898.2                                 | 850.7                                  | 47.50                        | 18.912                    |          |
| 13,100.0                                                                                      | 12,011.0                             | 13,028.9                             | 12,033.5                             | 31.1                        | 26.5                     | -91.44                               | -286.4                        | -169.1                  | 898.3                                 | 850.2                                  | 48.17                        | 18.651                    |          |
| 13,200.0                                                                                      | 12,011.0                             | 13,129.0                             | 12,033.5                             | 31.3                        | 26.5                     | -91.43                               | -386.5                        | -168.3                  | 898.4                                 | 849.5                                  | 48.90                        | 18.372                    |          |
| 13,300.0                                                                                      | 12,011.0                             | 13,229.1                             | 12,033.5                             | 31.5                        | 26.6                     | -91.43                               | -486.6                        | -167.7                  | 898.5                                 | 848.8                                  | 49.70                        | 18.078                    |          |
| 13,400.0                                                                                      | 12,011.0                             | 13,329.2                             | 12,033.5                             | 31.8                        | 26.7                     | -91.43                               | -586.7                        | -167.0                  | 898.5                                 | 848.0                                  | 50.56                        | 17.772                    |          |
| 13,500.0                                                                                      | 12,011.0                             | 13,429.3                             | 12,033.5                             | 32.1                        | 26.7                     | -91.43                               | -686.8                        | -166.3                  | 898.6                                 | 847.1                                  | 51.47                        | 17.457                    |          |
| 13,600.0                                                                                      | 12,011.0                             | 13,529.4                             | 12,033.5                             | 32.4                        | 26.8                     | -91.43                               | -786.9                        | -165.6                  | 898.6                                 | 846.1                                  | 52.44                        | 17.135                    |          |
| 13,700.0                                                                                      | 12,011.0                             | 13,629.5                             | 12,033.5                             | 32.7                        | 26.9                     | -91.43                               | -887.0                        | -165.0                  | 898.6                                 | 845.1                                  | 53.46                        | 16.809                    |          |
| 13,800.0                                                                                      | 12,011.0                             | 13,729.6                             | 12,033.5                             | 33.1                        | 27.0                     | -91.43                               | -987.1                        | -164.4                  | 898.6                                 | 844.1                                  | 54.52                        | 16.482                    |          |
| 13,900.0                                                                                      | 12,011.0                             | 13,829.6                             | 12,033.5                             | 33.4                        | 27.2                     | -91.43                               | -1,087.1                      | -163.7                  | 898.6                                 | 843.0                                  | 55.63                        | 16.154                    |          |
| 14,000.0                                                                                      | 12,011.0                             | 13,929.6                             | 12,033.5                             | 33.8                        | 27.4                     | -91.43                               | -1,187.1                      | -163.1                  | 898.6                                 | 841.8                                  | 56.78                        | 15.826                    |          |
| 14,100.0                                                                                      | 12,011.0                             | 14,029.6                             | 12,033.5                             | 34.2                        | 27.6                     | -91.43                               | -1,287.1                      | -162.5                  | 898.6                                 | 840.6                                  | 57.97                        | 15.501                    |          |
| 14,200.0                                                                                      | 12,011.0                             | 14,129.6                             | 12,033.5                             | 34.7                        | 28.0                     | -91.43                               | -1,387.1                      | -161.8                  | 898.6                                 | 839.4                                  | 59.20                        | 15.179                    |          |
| 14,300.0                                                                                      | 12,011.0                             | 14,229.6                             | 12,033.5                             | 35.1                        | 28.4                     | -91.43                               | -1,487.1                      | -161.2                  | 898.6                                 | 838.1                                  | 60.46                        | 14.862                    |          |
| 14,400.0                                                                                      | 12,011.0                             | 14,329.6                             | 12,033.5                             | 35.6                        | 28.9                     | -91.43                               | -1,587.1                      | -160.6                  | 898.6                                 | 836.8                                  | 61.76                        | 14.550                    |          |
| 14,500.0                                                                                      | 12,011.0                             | 14,429.6                             | 12,033.5                             | 36.1                        | 29.4                     | -91.43                               | -1,687.1                      | -159.9                  | 898.6                                 | 835.5                                  | 63.09                        | 14.244                    |          |
| 14,600.0                                                                                      | 12,011.0                             | 14,529.6                             | 12,033.5                             | 36.7                        | 30.0                     | -91.43                               | -1,787.1                      | -159.3                  | 898.6                                 | 834.2                                  | 64.44                        | 13.944                    |          |
| 14,700.0                                                                                      | 12,011.0                             | 14,629.6                             | 12,033.5                             | 37.2                        | 30.7                     | -91.43                               | -1,887.1                      | -158.7                  | 898.6                                 | 832.8                                  | 65.83                        | 13.651                    |          |
| 14,800.0                                                                                      | 12,011.0                             | 14,729.6                             | 12,033.5                             | 37.8                        | 31.4                     | -91.43                               | -1,987.1                      | -158.0                  | 898.6                                 | 831.4                                  | 67.24                        | 13.365                    |          |
| 14,900.0                                                                                      | 12,011.0                             | 14,829.6                             | 12,033.5                             | 38.3                        | 32.1                     | -91.43                               | -2,087.1                      | -157.4                  | 898.6                                 | 829.9                                  | 68.67                        | 13.086                    |          |
| 15,000.0                                                                                      | 12,011.0                             | 14,929.6                             | 12,033.5                             | 38.9                        | 32.9                     | -91.43                               | -2,187.1                      | -156.8                  | 898.6                                 | 828.5                                  | 70.13                        | 12.814                    |          |
| 15,100.0                                                                                      | 12,011.0                             | 15,029.6                             | 12,033.5                             | 39.6                        | 33.6                     | -91.43                               | -2,287.1                      | -156.2                  | 898.6                                 | 827.0                                  | 71.60                        | 12.550                    |          |
| 15,200.0                                                                                      | 12,011.0                             | 15,129.6                             | 12,033.5                             | 40.2                        | 34.4                     | -91.43                               | -2,387.1                      | -155.5                  | 898.6                                 | 825.5                                  | 73.10                        | 12.293                    |          |
| 15,300.0                                                                                      | 12,011.0                             | 15,229.6                             | 12,033.5                             | 40.8                        | 35.2                     | -91.43                               | -2,487.1                      | -154.9                  | 898.6                                 | 824.0                                  | 74.61                        | 12.043                    |          |
| 15,400.0                                                                                      | 12,011.0                             | 15,329.6                             | 12,033.5                             | 41.5                        | 36.0                     | -91.43                               | -2,587.1                      | -154.3                  | 898.6                                 | 822.5                                  | 76.15                        | 11.801                    |          |
| 15,500.0                                                                                      | 12,011.0                             | 15,429.6                             | 12,033.5                             | 42.2                        | 36.8                     | -91.43                               | -2,687.1                      | -153.6                  | 898.6                                 | 820.9                                  | 77.69                        | 11.566                    |          |
| 15,600.0                                                                                      | 12,011.0                             | 15,529.6                             | 12,033.5                             | 42.9                        | 37.7                     | -91.43                               | -2,787.1                      | -153.0                  | 898.6                                 | 819.3                                  | 79.26                        | 11.338                    |          |
| 15,700.0                                                                                      | 12,011.0                             | 15,629.6                             | 12,033.5                             | 43.6                        | 38.5                     | -91.43                               | -2,887.1                      | -152.4                  | 898.6                                 | 817.8                                  | 80.84                        | 11.116                    |          |
| 15,800.0                                                                                      | 12,011.0                             | 15,729.6                             | 12,033.5                             | 44.3                        | 39.3                     | -91.43                               | -2,987.1                      | -151.7                  | 898.6                                 | 816.2                                  | 82.43                        | 10.902                    |          |
| 15,900.0                                                                                      | 12,011.0                             | 15,829.6                             | 12,033.5                             | 45.0                        | 40.2                     | -91.43                               | -3,087.1                      | -151.1                  | 898.6                                 | 814.6                                  | 84.03                        | 10.693                    |          |
| 16,000.0                                                                                      | 12,011.0                             | 15,929.6                             | 12,033.5                             | 45.7                        | 41.0                     | -91.43                               | -3,187.1                      | -150.5                  | 898.6                                 | 813.0                                  | 85.65                        | 10.491                    |          |
| 16,100.0                                                                                      | 12,011.0                             | 16,029.6                             | 12,033.5                             | 46.5                        | 41.9                     | -91.43                               | -3,287.1                      | -149.9                  | 898.6                                 | 811.3                                  | 87.28                        | 10.296                    |          |
| 16,200.0                                                                                      | 12,011.0                             | 16,129.6                             | 12,033.5                             | 47.2                        | 42.8                     | -91.43                               | -3,387.1                      | -149.2                  | 898.6                                 | 809.7                                  | 88.92                        | 10.106                    |          |
| 16,300.0                                                                                      | 12,011.0                             | 16,229.6                             | 12,033.5                             | 48.0                        | 43.6                     | -91.43                               | -3,487.1                      | -148.6                  | 898.6                                 | 808.0                                  | 90.57                        | 9.922                     |          |
| 16,400.0                                                                                      | 12,011.0                             | 16,329.6                             | 12,033.5                             | 48.8                        | 44.5                     | -91.43                               | -3,587.1                      | -148.0                  | 898.6                                 | 806.4                                  | 92.23                        | 9.743                     |          |
| 16,500.0                                                                                      | 12,011.0                             | 16,429.6                             | 12,033.5                             | 49.5                        | 45.4                     | -91.43                               | -3,687.1                      | -147.3                  | 898.6                                 | 804.7                                  | 93.90                        | 9.570                     |          |
| 16,600.0                                                                                      | 12,011.0                             | 16,529.6                             | 12,033.5                             | 50.3                        | 46.3                     | -91.43                               | -3,787.1                      | -146.7                  | 898.6                                 | 803.0                                  | 95.58                        | 9.402                     |          |
| 16,700.0                                                                                      | 12,011.0                             | 16,629.6                             | 12,033.5                             | 51.1                        | 47.2                     | -91.43                               | -3,887.1                      | -146.1                  | 898.6                                 | 801.3                                  | 97.26                        | 9.239                     |          |
| 16,800.0                                                                                      | 12,011.0                             | 16,729.6                             | 12,033.5                             | 51.9                        | 48.0                     | -91.43                               | -3,987.1                      | -145.4                  | 898.6                                 | 799.7                                  | 98.96                        | 9.081                     |          |
| 16,900.0                                                                                      | 12,011.0                             | 16,829.6                             | 12,033.5                             | 52.7                        | 48.9                     | -91.43                               | -4,087.1                      | -144.8                  | 898.6                                 | 797.9                                  | 100.66                       | 8.927                     |          |
| 17,000.0                                                                                      | 12,011.0                             | 16,929.6                             | 12,033.5                             | 53.5                        | 49.8                     | -91.43                               | -4,187.1                      | -144.2                  | 898.6                                 | 796.2                                  | 102.36                       | 8.778                     |          |
| 17,100.0                                                                                      | 12,011.0                             | 17,029.6                             | 12,033.5                             | 54.4                        | 50.7                     | -91.43                               | -4,287.1                      | -143.5                  | 898.6                                 | 794.5                                  | 104.08                       | 8.634                     |          |
| 17,200.0                                                                                      | 12,011.0                             | 17,129.6                             | 12,033.5                             | 55.2                        | 51.6                     | -91.43                               | -4,387.1                      | -142.9                  | 898.6                                 | 792.8                                  | 105.80                       | 8.493                     |          |
| 17,300.0                                                                                      | 12,011.0                             | 17,229.6                             | 12,033.5                             | 56.0                        | 52.5                     | -91.43                               | -4,487.1                      | -142.3                  | 898.6                                 | 791.1                                  | 107.53                       | 8.357                     |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                  |                           |                |
|-----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 710H - 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<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>No-Go Distance<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> |                                  |                           |                |
| 17,400.0                                                                                      | 12,011.0                         | 17,329.6                         | 12,033.5                         | 56.8                        | 53.4                     | -91.43                           | -4,587.0                      | -141.7                  | 898.6                             | 789.3                              | 109.26                           | 8.224                     |                |
| 17,500.0                                                                                      | 12,011.0                         | 17,429.6                         | 12,033.5                         | 57.7                        | 54.3                     | -91.43                           | -4,687.0                      | -141.0                  | 898.6                             | 787.6                              | 111.00                           | 8.096                     |                |
| 17,600.0                                                                                      | 12,011.0                         | 17,529.6                         | 12,033.5                         | 58.5                        | 55.3                     | -91.43                           | -4,787.0                      | -140.4                  | 898.6                             | 785.9                              | 112.74                           | 7.970                     |                |
| 17,700.0                                                                                      | 12,011.0                         | 17,629.6                         | 12,033.5                         | 59.4                        | 56.2                     | -91.43                           | -4,887.0                      | -139.8                  | 898.6                             | 784.1                              | 114.49                           | 7.849                     |                |
| 17,800.0                                                                                      | 12,011.0                         | 17,729.6                         | 12,033.5                         | 60.2                        | 57.1                     | -91.43                           | -4,987.0                      | -139.1                  | 898.6                             | 782.4                              | 116.25                           | 7.730                     |                |
| 17,900.0                                                                                      | 12,011.0                         | 17,829.6                         | 12,033.5                         | 61.1                        | 58.0                     | -91.43                           | -5,087.0                      | -138.5                  | 898.6                             | 780.6                              | 118.00                           | 7.615                     |                |
| 18,000.0                                                                                      | 12,011.0                         | 17,929.6                         | 12,033.5                         | 61.9                        | 58.9                     | -91.43                           | -5,187.0                      | -137.9                  | 898.6                             | 778.8                              | 119.77                           | 7.503                     |                |
| 18,100.0                                                                                      | 12,011.0                         | 18,029.6                         | 12,033.5                         | 62.8                        | 59.8                     | -91.43                           | -5,287.0                      | -137.2                  | 898.6                             | 777.1                              | 121.53                           | 7.394                     |                |
| 18,200.0                                                                                      | 12,011.0                         | 18,129.6                         | 12,033.5                         | 63.6                        | 60.7                     | -91.43                           | -5,387.0                      | -136.6                  | 898.6                             | 775.3                              | 123.30                           | 7.288                     |                |
| 18,300.0                                                                                      | 12,011.0                         | 18,229.6                         | 12,033.5                         | 64.5                        | 61.7                     | -91.43                           | -5,487.0                      | -136.0                  | 898.6                             | 773.5                              | 125.08                           | 7.184                     |                |
| 18,400.0                                                                                      | 12,011.0                         | 18,329.6                         | 12,033.5                         | 65.4                        | 62.6                     | -91.43                           | -5,587.0                      | -135.4                  | 898.6                             | 771.7                              | 126.86                           | 7.084                     |                |
| 18,500.0                                                                                      | 12,011.0                         | 18,429.6                         | 12,033.5                         | 66.3                        | 63.5                     | -91.43                           | -5,687.0                      | -134.7                  | 898.6                             | 770.0                              | 128.64                           | 6.985                     |                |
| 18,600.0                                                                                      | 12,011.0                         | 18,529.6                         | 12,033.5                         | 67.1                        | 64.4                     | -91.43                           | -5,787.0                      | -134.1                  | 898.6                             | 768.2                              | 130.42                           | 6.890                     |                |
| 18,700.0                                                                                      | 12,011.0                         | 18,629.6                         | 12,033.5                         | 68.0                        | 65.4                     | -91.43                           | -5,887.0                      | -133.5                  | 898.6                             | 766.4                              | 132.21                           | 6.797                     |                |
| 18,800.0                                                                                      | 12,011.0                         | 18,729.6                         | 12,033.5                         | 68.9                        | 66.3                     | -91.43                           | -5,987.0                      | -132.8                  | 898.6                             | 764.6                              | 134.00                           | 6.706                     |                |
| 18,900.0                                                                                      | 12,011.0                         | 18,829.6                         | 12,033.5                         | 69.8                        | 67.2                     | -91.43                           | -6,087.0                      | -132.2                  | 898.6                             | 762.8                              | 135.80                           | 6.617                     |                |
| 19,000.0                                                                                      | 12,011.0                         | 18,929.6                         | 12,033.5                         | 70.7                        | 68.1                     | -91.43                           | -6,187.0                      | -131.6                  | 898.6                             | 761.0                              | 137.60                           | 6.531                     |                |
| 19,100.0                                                                                      | 12,011.0                         | 19,029.6                         | 12,033.5                         | 71.5                        | 69.1                     | -91.43                           | -6,287.0                      | -130.9                  | 898.6                             | 759.2                              | 139.40                           | 6.446                     |                |
| 19,200.0                                                                                      | 12,011.0                         | 19,129.6                         | 12,033.5                         | 72.4                        | 70.0                     | -91.43                           | -6,387.0                      | -130.3                  | 898.6                             | 757.4                              | 141.20                           | 6.364                     |                |
| 19,300.0                                                                                      | 12,011.0                         | 19,229.6                         | 12,033.5                         | 73.3                        | 70.9                     | -91.43                           | -6,487.0                      | -129.7                  | 898.6                             | 755.6                              | 143.00                           | 6.284                     |                |
| 19,400.0                                                                                      | 12,011.0                         | 19,329.6                         | 12,033.5                         | 74.2                        | 71.9                     | -91.43                           | -6,587.0                      | -129.0                  | 898.6                             | 753.8                              | 144.81                           | 6.205                     |                |
| 19,500.0                                                                                      | 12,011.0                         | 19,429.6                         | 12,033.5                         | 75.1                        | 72.8                     | -91.43                           | -6,687.0                      | -128.4                  | 898.6                             | 752.0                              | 146.62                           | 6.129                     |                |
| 19,600.0                                                                                      | 12,011.0                         | 19,529.6                         | 12,033.5                         | 76.0                        | 73.7                     | -91.43                           | -6,787.0                      | -127.8                  | 898.6                             | 750.2                              | 148.44                           | 6.054                     |                |
| 19,700.0                                                                                      | 12,011.0                         | 19,629.6                         | 12,033.5                         | 76.9                        | 74.7                     | -91.43                           | -6,887.0                      | -127.2                  | 898.6                             | 748.4                              | 150.25                           | 5.981                     |                |
| 19,800.0                                                                                      | 12,011.0                         | 19,729.6                         | 12,033.5                         | 77.8                        | 75.6                     | -91.43                           | -6,987.0                      | -126.5                  | 898.6                             | 746.5                              | 152.07                           | 5.909                     |                |
| 19,809.5                                                                                      | 12,011.0                         | 19,739.1                         | 12,033.5                         | 77.9                        | 75.7                     | -91.43                           | -6,996.5                      | -126.5                  | 898.6                             | 746.4                              | 152.21                           | 5.904                     |                |
| 19,812.8                                                                                      | 12,011.0                         | 19,742.4                         | 12,033.5                         | 77.9                        | 75.7                     | -91.43                           | -6,999.8                      | -126.4                  | 898.6                             | 746.3                              | 152.26                           | 5.902                     |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 711H - OWB - PWP0 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 MWD+IFR1                                                         |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          | <b>Offset Well Error:</b> 0.0 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>No-Go Distance (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                          | 0.5                          | 3.0                     | 0.0                  | 125.70                       | -35.0                         | 48.7                | 59.9                          |                                |                              |                          |                                    |
| 100.0                                                                                         | 100.0                        | 99.5                         | 100.0                        | 3.1                     | 0.8                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 55.0                           | 4.95                         | 12.122                   |                                    |
| 200.0                                                                                         | 200.0                        | 199.5                        | 200.0                        | 3.3                     | 1.4                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 54.4                           | 5.55                         | 10.808                   |                                    |
| 300.0                                                                                         | 300.0                        | 299.5                        | 300.0                        | 3.5                     | 1.9                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 53.9                           | 6.09                         | 9.845                    |                                    |
| 400.0                                                                                         | 400.0                        | 399.5                        | 400.0                        | 3.8                     | 2.3                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 53.4                           | 6.59                         | 9.100                    |                                    |
| 500.0                                                                                         | 500.0                        | 499.5                        | 500.0                        | 4.0                     | 2.6                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 52.9                           | 7.05                         | 8.501                    |                                    |
| 600.0                                                                                         | 600.0                        | 599.5                        | 600.0                        | 4.1                     | 2.9                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 52.5                           | 7.49                         | 8.004                    |                                    |
| 700.0                                                                                         | 700.0                        | 699.5                        | 700.0                        | 4.3                     | 3.1                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 52.0                           | 7.90                         | 7.583                    |                                    |
| 800.0                                                                                         | 800.0                        | 799.5                        | 800.0                        | 4.5                     | 3.3                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 51.6                           | 8.30                         | 7.221                    |                                    |
| 900.0                                                                                         | 900.0                        | 899.5                        | 900.0                        | 4.7                     | 3.6                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 51.3                           | 8.68                         | 6.904                    |                                    |
| 1,000.0                                                                                       | 1,000.0                      | 999.5                        | 1,000.0                      | 4.8                     | 3.8                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 50.9                           | 9.05                         | 6.625                    |                                    |
| 1,100.0                                                                                       | 1,100.0                      | 1,099.5                      | 1,100.0                      | 5.0                     | 4.0                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 50.5                           | 9.40                         | 6.375                    |                                    |
| 1,200.0                                                                                       | 1,200.0                      | 1,199.5                      | 1,200.0                      | 5.2                     | 4.2                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 50.2                           | 9.75                         | 6.150                    |                                    |
| 1,300.0                                                                                       | 1,300.0                      | 1,299.5                      | 1,300.0                      | 5.3                     | 4.4                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 49.9                           | 10.08                        | 5.946                    |                                    |
| 1,400.0                                                                                       | 1,400.0                      | 1,399.5                      | 1,400.0                      | 5.5                     | 4.6                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 49.5                           | 10.41                        | 5.760                    |                                    |
| 1,500.0                                                                                       | 1,500.0                      | 1,499.5                      | 1,500.0                      | 5.6                     | 4.7                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 49.2                           | 10.72                        | 5.589                    |                                    |
| 1,600.0                                                                                       | 1,600.0                      | 1,599.5                      | 1,600.0                      | 5.8                     | 4.9                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 48.9                           | 11.04                        | 5.432                    |                                    |
| 1,700.0                                                                                       | 1,700.0                      | 1,699.5                      | 1,700.0                      | 5.9                     | 5.1                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 48.6                           | 11.34                        | 5.286                    |                                    |
| 1,800.0                                                                                       | 1,800.0                      | 1,799.5                      | 1,800.0                      | 6.0                     | 5.2                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 48.3                           | 11.64                        | 5.151                    |                                    |
| 1,900.0                                                                                       | 1,900.0                      | 1,899.5                      | 1,900.0                      | 6.2                     | 5.4                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 48.0                           | 11.93                        | 5.025                    |                                    |
| 2,000.0                                                                                       | 2,000.0                      | 1,999.5                      | 2,000.0                      | 6.3                     | 5.6                  | 125.70                       | -35.0                         | 48.7                | 59.9                          | 47.7                           | 12.22                        | 4.906 CC, ES             |                                    |
| 2,100.0                                                                                       | 2,100.0                      | 2,099.7                      | 2,100.1                      | 6.5                     | 5.7                  | 110.63                       | -33.9                         | 49.3                | 60.3                          | 47.8                           | 12.50                        | 4.821                    |                                    |
| 2,200.0                                                                                       | 2,199.9                      | 2,199.8                      | 2,200.2                      | 6.7                     | 5.9                  | 110.41                       | -30.5                         | 51.3                | 61.3                          | 48.5                           | 12.78                        | 4.794 SF                 |                                    |
| 2,300.0                                                                                       | 2,299.7                      | 2,299.9                      | 2,300.1                      | 6.9                     | 6.2                  | 110.04                       | -24.8                         | 54.6                | 62.9                          | 49.9                           | 13.06                        | 4.820                    |                                    |
| 2,333.3                                                                                       | 2,332.9                      | 2,333.3                      | 2,333.4                      | 6.9                     | 6.2                  | 109.89                       | -22.4                         | 55.9                | 63.6                          | 50.6                           | 13.09                        | 4.861                    |                                    |
| 2,400.0                                                                                       | 2,399.3                      | 2,400.6                      | 2,400.4                      | 7.0                     | 6.3                  | 123.28                       | -16.5                         | 59.0                | 65.5                          | 52.3                           | 13.22                        | 4.955                    |                                    |
| 2,500.0                                                                                       | 2,498.8                      | 2,501.4                      | 2,500.4                      | 7.2                     | 6.6                  | 136.49                       | -4.8                          | 63.8                | 70.0                          | 56.5                           | 13.53                        | 5.176                    |                                    |
| 2,600.0                                                                                       | 2,598.1                      | 2,601.7                      | 2,599.4                      | 7.4                     | 6.9                  | 142.07                       | 10.3                          | 69.1                | 77.2                          | 63.4                           | 13.83                        | 5.582                    |                                    |
| 2,700.0                                                                                       | 2,697.0                      | 2,701.2                      | 2,697.0                      | 7.6                     | 7.2                  | 142.78                       | 28.7                          | 74.6                | 88.0                          | 73.8                           | 14.15                        | 6.220                    |                                    |
| 2,800.0                                                                                       | 2,795.4                      | 2,799.7                      | 2,792.9                      | 7.9                     | 7.6                  | 141.13                       | 50.2                          | 80.5                | 103.1                         | 88.6                           | 14.48                        | 7.118                    |                                    |
| 2,900.0                                                                                       | 2,893.3                      | 2,897.0                      | 2,887.0                      | 8.2                     | 7.9                  | 138.76                       | 74.4                          | 86.6                | 122.8                         | 108.0                          | 14.78                        | 8.305                    |                                    |
| 3,000.0                                                                                       | 2,990.4                      | 2,993.6                      | 2,980.1                      | 8.5                     | 8.2                  | 137.32                       | 99.2                          | 92.8                | 146.7                         | 131.6                          | 15.15                        | 9.685                    |                                    |
| 3,040.0                                                                                       | 3,029.0                      | 3,032.0                      | 3,017.2                      | 8.6                     | 8.3                  | 137.03                       | 109.0                         | 95.2                | 157.3                         | 142.1                          | 15.27                        | 10.303                   |                                    |
| 3,100.0                                                                                       | 3,086.8                      | 3,089.6                      | 3,072.7                      | 8.7                     | 8.5                  | 135.58                       | 123.8                         | 98.9                | 173.7                         | 158.3                          | 15.46                        | 11.237                   |                                    |
| 3,200.0                                                                                       | 3,183.2                      | 3,185.6                      | 3,165.3                      | 9.0                     | 8.8                  | 133.68                       | 148.4                         | 105.0               | 201.2                         | 185.4                          | 15.83                        | 12.710                   |                                    |
| 3,300.0                                                                                       | 3,279.6                      | 3,281.5                      | 3,257.8                      | 9.3                     | 9.2                  | 132.23                       | 173.0                         | 111.2               | 228.9                         | 212.7                          | 16.22                        | 14.108                   |                                    |
| 3,400.0                                                                                       | 3,376.0                      | 3,377.5                      | 3,350.4                      | 9.7                     | 9.6                  | 131.10                       | 197.6                         | 117.3               | 256.7                         | 240.0                          | 16.63                        | 15.430                   |                                    |
| 3,500.0                                                                                       | 3,472.4                      | 3,473.5                      | 3,442.9                      | 10.0                    | 9.9                  | 130.19                       | 222.2                         | 123.4               | 284.5                         | 267.4                          | 17.06                        | 16.679                   |                                    |
| 3,600.0                                                                                       | 3,568.8                      | 3,569.4                      | 3,535.5                      | 10.4                    | 10.3                 | 129.44                       | 246.8                         | 129.5               | 312.4                         | 294.9                          | 17.50                        | 17.854                   |                                    |
| 3,700.0                                                                                       | 3,665.2                      | 3,665.4                      | 3,628.0                      | 10.7                    | 10.7                 | 128.82                       | 271.4                         | 135.6               | 340.3                         | 322.4                          | 17.95                        | 18.961                   |                                    |
| 3,800.0                                                                                       | 3,761.6                      | 3,761.3                      | 3,720.6                      | 11.1                    | 11.1                 | 128.29                       | 296.0                         | 141.8               | 368.3                         | 349.9                          | 18.41                        | 20.000                   |                                    |
| 3,900.0                                                                                       | 3,858.0                      | 3,857.3                      | 3,813.1                      | 11.5                    | 11.5                 | 127.83                       | 320.6                         | 147.9               | 396.3                         | 377.4                          | 18.89                        | 20.977                   |                                    |
| 4,000.0                                                                                       | 3,954.4                      | 3,953.3                      | 3,905.7                      | 11.9                    | 11.9                 | 127.43                       | 345.2                         | 154.0               | 424.3                         | 404.9                          | 19.38                        | 21.895                   |                                    |
| 4,100.0                                                                                       | 4,050.8                      | 4,049.2                      | 3,998.2                      | 12.3                    | 12.3                 | 127.09                       | 369.8                         | 160.1               | 452.3                         | 432.4                          | 19.88                        | 22.757                   |                                    |
| 4,200.0                                                                                       | 4,147.1                      | 4,145.2                      | 4,090.8                      | 12.7                    | 12.8                 | 126.78                       | 394.4                         | 166.3               | 480.3                         | 460.0                          | 20.38                        | 23.566                   |                                    |
| 4,300.0                                                                                       | 4,243.5                      | 4,241.1                      | 4,183.3                      | 13.1                    | 13.2                 | 126.51                       | 419.0                         | 172.4               | 508.4                         | 487.5                          | 20.90                        | 24.327                   |                                    |
| 4,400.0                                                                                       | 4,339.9                      | 4,337.1                      | 4,275.9                      | 13.6                    | 13.6                 | 126.26                       | 443.5                         | 178.5               | 536.5                         | 515.0                          | 21.42                        | 25.042                   |                                    |
| 4,500.0                                                                                       | 4,436.3                      | 4,433.0                      | 4,368.4                      | 14.0                    | 14.0                 | 126.04                       | 468.1                         | 184.6               | 564.5                         | 542.6                          | 21.95                        | 25.715                   |                                    |
| 4,600.0                                                                                       | 4,532.7                      | 4,529.0                      | 4,461.0                      | 14.4                    | 14.5                 | 125.85                       | 492.7                         | 190.7               | 592.6                         | 570.1                          | 22.49                        | 26.349                   |                                    |
| 4,700.0                                                                                       | 4,629.1                      | 4,625.0                      | 4,553.5                      | 14.8                    | 14.9                 | 125.66                       | 517.3                         | 196.9               | 620.7                         | 597.7                          | 23.04                        | 26.945                   |                                    |
| 4,800.0                                                                                       | 4,725.5                      | 4,720.9                      | 4,646.1                      | 15.3                    | 15.3                 | 125.50                       | 541.9                         | 203.0               | 648.8                         | 625.2                          | 23.59                        | 27.507                   |                                    |

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

ConocoPhillips

Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                        |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                |                    |          |
|----------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 711H - OWB - PWP0 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1                                                         |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                | Offset Well Error: | 0.0 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) |                |                    |          |
| 4,900.0                                                                                | 4,821.9                     | 4,816.9                     | 4,738.6                     | 15.7                | 15.8             | 125.35                      | 566.5                  | 209.1           | 676.9                        | 652.7                         | 24.14          | 28.037             |          |
| 5,000.0                                                                                | 4,918.3                     | 4,912.8                     | 4,831.2                     | 16.2                | 16.2             | 125.21                      | 591.1                  | 215.2           | 705.0                        | 680.3                         | 24.70          | 28.538             |          |
| 5,100.0                                                                                | 5,014.7                     | 5,008.8                     | 4,923.7                     | 16.6                | 16.7             | 125.08                      | 615.7                  | 221.3           | 733.1                        | 707.8                         | 25.27          | 29.013             |          |
| 5,200.0                                                                                | 5,111.1                     | 5,106.8                     | 5,018.3                     | 17.1                | 17.1             | 124.96                      | 640.7                  | 227.6           | 761.1                        | 735.3                         | 25.83          | 29.471             |          |
| 5,300.0                                                                                | 5,207.4                     | 5,209.5                     | 5,117.7                     | 17.5                | 17.6             | 124.94                      | 665.7                  | 233.8           | 788.6                        | 762.1                         | 26.43          | 29.832             |          |
| 5,400.0                                                                                | 5,303.8                     | 5,312.7                     | 5,218.1                     | 18.0                | 18.1             | 125.05                      | 689.0                  | 239.6           | 815.2                        | 788.2                         | 27.03          | 30.156             |          |
| 5,500.0                                                                                | 5,400.2                     | 5,416.3                     | 5,319.2                     | 18.5                | 18.5             | 125.26                      | 710.6                  | 245.0           | 841.0                        | 813.4                         | 27.62          | 30.444             |          |
| 5,600.0                                                                                | 5,496.6                     | 5,520.2                     | 5,421.1                     | 18.9                | 19.0             | 125.57                      | 730.5                  | 249.9           | 866.0                        | 837.8                         | 28.21          | 30.699             |          |
| 5,700.0                                                                                | 5,593.0                     | 5,624.4                     | 5,523.6                     | 19.4                | 19.5             | 125.97                      | 748.6                  | 254.4           | 890.3                        | 861.5                         | 28.79          | 30.924             |          |
| 5,800.0                                                                                | 5,689.4                     | 5,728.8                     | 5,626.7                     | 19.8                | 19.9             | 126.47                      | 765.0                  | 258.5           | 913.7                        | 884.4                         | 29.36          | 31.122             |          |
| 5,900.0                                                                                | 5,785.8                     | 5,833.3                     | 5,730.1                     | 20.3                | 20.4             | 127.04                      | 779.5                  | 262.1           | 936.5                        | 906.5                         | 29.92          | 31.295             |          |
| 6,000.0                                                                                | 5,882.2                     | 5,938.0                     | 5,833.9                     | 20.8                | 20.8             | 127.69                      | 792.3                  | 265.3           | 958.5                        | 928.0                         | 30.48          | 31.444             |          |
| 6,100.0                                                                                | 5,978.6                     | 6,042.6                     | 5,937.9                     | 21.3                | 21.2             | 128.41                      | 803.2                  | 268.0           | 979.9                        | 948.9                         | 31.04          | 31.573             |          |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 712H - OWB - PWP0 |                       |                       |                       |                  |               |                        |              |                |                        |                         |                       |                             | Offset Site Error: 0.0 usft |  |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|----------------|------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------|--|
| Survey Program: 0-r.5 MWD+IFR1+MS                                                      |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Rule Assigned: |                        |                         |                       | Offset Well Error: 3.0 usft |                             |  |
| 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) | No-Go Distance (usft) | Separation Factor           | Warning                     |  |
| 0.0                                                                                    | 0.0                   | 0.0                   | 0.0                   | 3.0              | 3.0           | 125.69                 | -46.6        | 64.9           | 79.9                   |                         |                       |                             |                             |  |
| 100.0                                                                                  | 100.0                 | 100.0                 | 100.0                 | 3.1              | 3.1           | 125.69                 | -46.6        | 64.9           | 79.9                   | 73.3                    | 6.60                  | 12.112                      |                             |  |
| 200.0                                                                                  | 200.0                 | 200.0                 | 200.0                 | 3.3              | 3.3           | 125.69                 | -46.6        | 64.9           | 79.9                   | 72.9                    | 7.05                  | 11.336                      |                             |  |
| 300.0                                                                                  | 300.0                 | 300.0                 | 300.0                 | 3.5              | 3.5           | 125.69                 | -46.6        | 64.9           | 79.9                   | 72.5                    | 7.48                  | 10.689                      |                             |  |
| 400.0                                                                                  | 400.0                 | 400.0                 | 400.0                 | 3.8              | 3.8           | 125.69                 | -46.6        | 64.9           | 79.9                   | 72.1                    | 7.88                  | 10.140                      |                             |  |
| 500.0                                                                                  | 500.0                 | 500.0                 | 500.0                 | 4.0              | 4.0           | 125.69                 | -46.6        | 64.9           | 79.9                   | 71.7                    | 8.27                  | 9.664                       |                             |  |
| 600.0                                                                                  | 600.0                 | 600.0                 | 600.0                 | 4.1              | 4.1           | 125.69                 | -46.6        | 64.9           | 79.9                   | 71.3                    | 8.64                  | 9.248                       |                             |  |
| 700.0                                                                                  | 700.0                 | 700.0                 | 700.0                 | 4.3              | 4.3           | 125.69                 | -46.6        | 64.9           | 79.9                   | 70.9                    | 9.00                  | 8.879                       |                             |  |
| 800.0                                                                                  | 800.0                 | 800.0                 | 800.0                 | 4.5              | 4.5           | 125.69                 | -46.6        | 64.9           | 79.9                   | 70.6                    | 9.35                  | 8.549                       |                             |  |
| 900.0                                                                                  | 900.0                 | 900.0                 | 900.0                 | 4.7              | 4.7           | 125.69                 | -46.6        | 64.9           | 79.9                   | 70.3                    | 9.69                  | 8.251                       |                             |  |
| 1,000.0                                                                                | 1,000.0               | 1,000.0               | 1,000.0               | 4.8              | 4.8           | 125.69                 | -46.6        | 64.9           | 79.9                   | 69.9                    | 10.02                 | 7.981                       |                             |  |
| 1,100.0                                                                                | 1,100.0               | 1,100.0               | 1,100.0               | 5.0              | 5.0           | 125.69                 | -46.6        | 64.9           | 79.9                   | 69.6                    | 10.34                 | 7.734                       |                             |  |
| 1,200.0                                                                                | 1,200.0               | 1,200.0               | 1,200.0               | 5.2              | 5.2           | 125.69                 | -46.6        | 64.9           | 79.9                   | 69.3                    | 10.65                 | 7.507                       |                             |  |
| 1,300.0                                                                                | 1,300.0               | 1,300.0               | 1,300.0               | 5.3              | 5.3           | 125.69                 | -46.6        | 64.9           | 79.9                   | 69.0                    | 10.95                 | 7.298                       |                             |  |
| 1,400.0                                                                                | 1,400.0               | 1,400.0               | 1,400.0               | 5.5              | 5.5           | 125.69                 | -46.6        | 64.9           | 79.9                   | 68.7                    | 11.25                 | 7.104                       |                             |  |
| 1,500.0                                                                                | 1,500.0               | 1,500.0               | 1,500.0               | 5.6              | 5.6           | 125.69                 | -46.6        | 64.9           | 79.9                   | 68.4                    | 11.55                 | 6.923                       |                             |  |
| 1,600.0                                                                                | 1,600.0               | 1,600.0               | 1,600.0               | 5.8              | 5.8           | 125.69                 | -46.6        | 64.9           | 79.9                   | 68.1                    | 11.84                 | 6.755                       |                             |  |
| 1,700.0                                                                                | 1,700.0               | 1,700.0               | 1,700.0               | 5.9              | 5.9           | 125.69                 | -46.6        | 64.9           | 79.9                   | 67.8                    | 12.12                 | 6.597                       |                             |  |
| 1,800.0                                                                                | 1,800.0               | 1,800.0               | 1,800.0               | 6.0              | 6.0           | 125.69                 | -46.6        | 64.9           | 79.9                   | 67.5                    | 12.40                 | 6.449                       |                             |  |
| 1,900.0                                                                                | 1,900.0               | 1,900.0               | 1,900.0               | 6.2              | 6.2           | 125.69                 | -46.6        | 64.9           | 79.9                   | 67.3                    | 12.67                 | 6.309 CC                    |                             |  |
| 2,000.0                                                                                | 2,000.0               | 1,999.6               | 1,999.6               | 6.3              | 6.4           | 124.46                 | -45.4        | 66.1           | 80.2                   | 67.2                    | 12.94                 | 6.196 ES                    |                             |  |
| 2,100.0                                                                                | 2,100.0               | 2,099.1               | 2,098.9               | 6.5              | 6.6           | 106.70                 | -41.6        | 69.6           | 81.5                   | 68.2                    | 13.21                 | 6.168 SF                    |                             |  |
| 2,200.0                                                                                | 2,199.9               | 2,198.3               | 2,197.7               | 6.7              | 6.8           | 103.45                 | -35.2        | 75.5           | 84.4                   | 70.9                    | 13.47                 | 6.264                       |                             |  |
| 2,300.0                                                                                | 2,299.7               | 2,297.2               | 2,295.9               | 6.9              | 7.1           | 99.93                  | -26.4        | 83.6           | 89.0                   | 75.3                    | 13.74                 | 6.483                       |                             |  |
| 2,333.3                                                                                | 2,332.9               | 2,330.1               | 2,328.5               | 6.9              | 7.2           | 98.75                  | -23.0        | 86.8           | 91.0                   | 77.2                    | 13.80                 | 6.595                       |                             |  |
| 2,400.0                                                                                | 2,399.3               | 2,395.7               | 2,393.2               | 7.0              | 7.4           | 110.57                 | -15.2        | 93.9           | 96.3                   | 82.3                    | 13.97                 | 6.893                       |                             |  |
| 2,500.0                                                                                | 2,498.8               | 2,493.2               | 2,488.9               | 7.2              | 7.7           | 123.21                 | -1.7         | 106.4          | 108.6                  | 94.3                    | 14.30                 | 7.592                       |                             |  |
| 2,600.0                                                                                | 2,598.1               | 2,589.6               | 2,583.0               | 7.4              | 7.9           | 130.30                 | 14.0         | 120.9          | 126.5                  | 111.9                   | 14.60                 | 8.669                       |                             |  |
| 2,700.0                                                                                | 2,697.0               | 2,686.7               | 2,677.5               | 7.6              | 8.1           | 134.59                 | 30.4         | 136.1          | 149.0                  | 134.1                   | 14.95                 | 9.966                       |                             |  |
| 2,800.0                                                                                | 2,795.4               | 2,783.0               | 2,771.2               | 7.9              | 8.4           | 137.65                 | 46.7         | 151.1          | 175.2                  | 159.9                   | 15.33                 | 11.428                      |                             |  |
| 2,900.0                                                                                | 2,893.3               | 2,878.4               | 2,864.0               | 8.2              | 8.7           | 140.02                 | 62.9         | 166.1          | 204.8                  | 189.1                   | 15.72                 | 13.025                      |                             |  |
| 3,000.0                                                                                | 2,990.4               | 2,972.8               | 2,955.9               | 8.5              | 9.0           | 141.99                 | 78.9         | 180.8          | 237.6                  | 221.5                   | 16.13                 | 14.729                      |                             |  |
| 3,040.0                                                                                | 3,029.0               | 3,010.3               | 2,992.3               | 8.6              | 9.1           | 142.70                 | 85.2         | 186.7          | 251.6                  | 235.3                   | 16.27                 | 15.465                      |                             |  |
| 3,100.0                                                                                | 3,086.8               | 3,066.3               | 3,046.9               | 8.7              | 9.3           | 142.48                 | 94.7         | 195.5          | 273.0                  | 256.5                   | 16.49                 | 16.558                      |                             |  |
| 3,200.0                                                                                | 3,183.2               | 3,159.7               | 3,137.7               | 9.0              | 9.6           | 142.17                 | 110.6        | 210.1          | 308.7                  | 291.8                   | 16.90                 | 18.261                      |                             |  |
| 3,300.0                                                                                | 3,279.6               | 3,253.1               | 3,228.6               | 9.3              | 10.0          | 141.93                 | 126.4        | 224.7          | 344.4                  | 327.0                   | 17.34                 | 19.859                      |                             |  |
| 3,400.0                                                                                | 3,376.0               | 3,346.5               | 3,319.5               | 9.7              | 10.3          | 141.74                 | 142.2        | 239.3          | 380.0                  | 362.2                   | 17.80                 | 21.354                      |                             |  |
| 3,500.0                                                                                | 3,472.4               | 3,440.0               | 3,410.4               | 10.0             | 10.7          | 141.58                 | 158.0        | 253.9          | 415.7                  | 397.4                   | 18.27                 | 22.752                      |                             |  |
| 3,600.0                                                                                | 3,568.8               | 3,533.4               | 3,501.3               | 10.4             | 11.0          | 141.44                 | 173.9        | 268.5          | 451.4                  | 432.6                   | 18.76                 | 24.058                      |                             |  |
| 3,700.0                                                                                | 3,665.2               | 3,626.8               | 3,592.2               | 10.7             | 11.4          | 141.33                 | 189.7        | 283.1          | 487.1                  | 467.8                   | 19.27                 | 25.277                      |                             |  |
| 3,800.0                                                                                | 3,761.6               | 3,720.2               | 3,683.1               | 11.1             | 11.7          | 141.23                 | 205.5        | 297.7          | 522.8                  | 503.0                   | 19.79                 | 26.414                      |                             |  |
| 3,900.0                                                                                | 3,858.0               | 3,813.6               | 3,774.0               | 11.5             | 12.1          | 141.14                 | 221.3        | 312.3          | 558.5                  | 538.1                   | 20.33                 | 27.475                      |                             |  |
| 4,000.0                                                                                | 3,954.4               | 3,907.0               | 3,864.9               | 11.9             | 12.5          | 141.06                 | 237.1        | 326.9          | 594.1                  | 573.3                   | 20.87                 | 28.465                      |                             |  |
| 4,100.0                                                                                | 4,050.8               | 4,000.4               | 3,955.8               | 12.3             | 12.9          | 141.00                 | 253.0        | 341.5          | 629.8                  | 608.4                   | 21.43                 | 29.388                      |                             |  |
| 4,200.0                                                                                | 4,147.1               | 4,093.8               | 4,046.7               | 12.7             | 13.3          | 140.93                 | 268.8        | 356.2          | 665.5                  | 643.5                   | 22.00                 | 30.251                      |                             |  |
| 4,300.0                                                                                | 4,243.5               | 4,187.3               | 4,137.6               | 13.1             | 13.7          | 140.88                 | 284.6        | 370.8          | 701.2                  | 678.6                   | 22.58                 | 31.056                      |                             |  |
| 4,400.0                                                                                | 4,339.9               | 4,280.7               | 4,228.5               | 13.6             | 14.1          | 140.83                 | 300.4        | 385.4          | 736.9                  | 713.7                   | 23.17                 | 31.809                      |                             |  |
| 4,500.0                                                                                | 4,436.3               | 4,374.1               | 4,319.4               | 14.0             | 14.5          | 140.79                 | 316.3        | 400.0          | 772.6                  | 748.8                   | 23.76                 | 32.513                      |                             |  |
| 4,600.0                                                                                | 4,532.7               | 4,467.5               | 4,410.3               | 14.4             | 14.9          | 140.74                 | 332.1        | 414.6          | 808.3                  | 783.9                   | 24.37                 | 33.173                      |                             |  |
| 4,700.0                                                                                | 4,629.1               | 4,560.9               | 4,501.2               | 14.8             | 15.3          | 140.71                 | 347.9        | 429.2          | 844.0                  | 819.0                   | 24.98                 | 33.791                      |                             |  |
| 4,800.0                                                                                | 4,725.5               | 4,654.3               | 4,592.1               | 15.3             | 15.7          | 140.67                 | 363.7        | 443.8          | 879.7                  | 854.1                   | 25.59                 | 34.371                      |                             |  |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                        |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                    |          |
|----------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 712H - 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) | No-Go<br>Distance<br>(usft) | Separation<br>Factor |                    |          |
| 4,900.0                                                                                | 4,821.9                     | 4,747.7                     | 4,683.0                     | 15.7                | 16.1             | 140.64                      | 379.6                  | 458.4           | 915.4                        | 889.1                         | 26.22                       | 34.915               |                    |          |
| 5,000.0                                                                                | 4,918.3                     | 4,841.1                     | 4,773.9                     | 16.2                | 16.5             | 140.61                      | 395.4                  | 473.0           | 951.1                        | 924.2                         | 26.85                       | 35.426               |                    |          |
| 5,100.0                                                                                | 5,014.7                     | 4,934.6                     | 4,864.8                     | 16.6                | 16.9             | 140.59                      | 411.2                  | 487.6           | 986.7                        | 959.3                         | 27.48                       | 35.907               |                    |          |

## ConocoPhillips

## Anticollision Report

|                           |                              |                                     |                                   |
|---------------------------|------------------------------|-------------------------------------|-----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 802H - 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>No-Go Distance (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                          | 2.0                          | 0.0                          | 3.0                     | 3.0                  | -54.32                       | 23.3                          | -32.5               | 40.0                          |                                |                              |                          |                                    |
| 100.0                                                                                         | 100.0                        | 102.0                        | 100.0                        | 3.1                     | 3.1                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 33.4                           | 6.60                         | 6.059                    |                                    |
| 200.0                                                                                         | 200.0                        | 202.0                        | 200.0                        | 3.3                     | 3.3                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 33.0                           | 7.06                         | 5.671                    |                                    |
| 300.0                                                                                         | 300.0                        | 302.0                        | 300.0                        | 3.5                     | 3.6                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 32.5                           | 7.48                         | 5.347                    |                                    |
| 400.0                                                                                         | 400.0                        | 402.0                        | 400.0                        | 3.8                     | 3.8                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 32.1                           | 7.89                         | 5.073                    |                                    |
| 500.0                                                                                         | 500.0                        | 502.0                        | 500.0                        | 4.0                     | 4.0                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 31.7                           | 8.28                         | 4.835                    |                                    |
| 600.0                                                                                         | 600.0                        | 602.0                        | 600.0                        | 4.1                     | 4.1                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 31.4                           | 8.65                         | 4.627                    |                                    |
| 700.0                                                                                         | 700.0                        | 702.0                        | 700.0                        | 4.3                     | 4.3                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 31.0                           | 9.01                         | 4.442                    |                                    |
| 800.0                                                                                         | 800.0                        | 802.0                        | 800.0                        | 4.5                     | 4.5                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 30.7                           | 9.35                         | 4.277                    |                                    |
| 900.0                                                                                         | 900.0                        | 902.0                        | 900.0                        | 4.7                     | 4.7                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 30.3                           | 9.69                         | 4.128                    |                                    |
| 1,000.0                                                                                       | 1,000.0                      | 1,002.0                      | 1,000.0                      | 4.8                     | 4.8                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 30.0                           | 10.02                        | 3.993                    |                                    |
| 1,100.0                                                                                       | 1,100.0                      | 1,102.0                      | 1,100.0                      | 5.0                     | 5.0                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 29.7                           | 10.34                        | 3.870                    |                                    |
| 1,200.0                                                                                       | 1,200.0                      | 1,202.0                      | 1,200.0                      | 5.2                     | 5.2                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 29.4                           | 10.65                        | 3.756                    |                                    |
| 1,300.0                                                                                       | 1,300.0                      | 1,302.0                      | 1,300.0                      | 5.3                     | 5.3                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 29.1                           | 10.96                        | 3.652                    |                                    |
| 1,400.0                                                                                       | 1,400.0                      | 1,402.0                      | 1,400.0                      | 5.5                     | 5.5                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 28.8                           | 11.26                        | 3.555                    |                                    |
| 1,500.0                                                                                       | 1,500.0                      | 1,502.0                      | 1,500.0                      | 5.6                     | 5.6                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 28.5                           | 11.55                        | 3.464                    |                                    |
| 1,600.0                                                                                       | 1,600.0                      | 1,602.0                      | 1,600.0                      | 5.8                     | 5.8                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 28.2                           | 11.84                        | 3.380                    |                                    |
| 1,700.0                                                                                       | 1,700.0                      | 1,702.0                      | 1,700.0                      | 5.9                     | 5.9                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 27.9                           | 12.12                        | 3.301                    |                                    |
| 1,800.0                                                                                       | 1,800.0                      | 1,802.0                      | 1,800.0                      | 6.0                     | 6.0                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 27.6                           | 12.40                        | 3.227                    |                                    |
| 1,900.0                                                                                       | 1,900.0                      | 1,902.0                      | 1,900.0                      | 6.2                     | 6.2                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 27.3                           | 12.67                        | 3.157                    |                                    |
| 1,966.0                                                                                       | 1,966.0                      | 1,968.0                      | 1,966.0                      | 6.3                     | 6.3                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 27.2                           | 12.85                        | 3.113 CC                 |                                    |
| 2,000.0                                                                                       | 2,000.0                      | 2,002.0                      | 2,000.0                      | 6.3                     | 6.3                  | -54.32                       | 23.3                          | -32.5               | 40.0                          | 27.1                           | 12.95                        | 3.091 ES, SF             |                                    |
| 2,100.0                                                                                       | 2,100.0                      | 2,100.0                      | 2,098.0                      | 6.5                     | 6.5                  | -71.04                       | 24.3                          | -34.0               | 41.4                          | 28.1                           | 13.27                        | 3.116                    |                                    |
| 2,200.0                                                                                       | 2,199.9                      | 2,198.9                      | 2,196.8                      | 6.7                     | 6.7                  | -75.64                       | 27.2                          | -38.2               | 45.5                          | 31.9                           | 13.60                        | 3.343                    |                                    |
| 2,300.0                                                                                       | 2,299.7                      | 2,296.9                      | 2,294.3                      | 6.9                     | 7.0                  | -81.60                       | 31.9                          | -45.3               | 52.8                          | 38.9                           | 13.91                        | 3.793                    |                                    |
| 2,333.3                                                                                       | 2,332.9                      | 2,329.4                      | 2,326.6                      | 6.9                     | 7.0                  | -83.63                       | 33.8                          | -48.2               | 56.0                          | 42.0                           | 13.99                        | 4.003                    |                                    |
| 2,400.0                                                                                       | 2,399.3                      | 2,394.3                      | 2,391.0                      | 7.0                     | 7.2                  | -72.69                       | 38.4                          | -55.0               | 62.9                          | 48.7                           | 14.18                        | 4.438                    |                                    |
| 2,500.0                                                                                       | 2,498.8                      | 2,491.4                      | 2,487.0                      | 7.2                     | 7.5                  | -58.87                       | 46.7                          | -67.5               | 73.4                          | 58.9                           | 14.53                        | 5.052                    |                                    |
| 2,600.0                                                                                       | 2,598.1                      | 2,588.4                      | 2,582.2                      | 7.4                     | 7.7                  | -49.10                       | 56.7                          | -82.6               | 83.8                          | 68.9                           | 14.88                        | 5.632                    |                                    |
| 2,700.0                                                                                       | 2,697.0                      | 2,685.1                      | 2,676.5                      | 7.6                     | 8.0                  | -42.29                       | 68.6                          | -100.3              | 94.0                          | 78.7                           | 15.25                        | 6.163                    |                                    |
| 2,800.0                                                                                       | 2,795.4                      | 2,782.3                      | 2,770.7                      | 7.9                     | 8.3                  | -37.32                       | 82.2                          | -120.7              | 103.7                         | 88.1                           | 15.59                        | 6.655                    |                                    |
| 2,900.0                                                                                       | 2,893.3                      | 2,882.0                      | 2,866.9                      | 8.2                     | 8.5                  | -33.95                       | 96.6                          | -142.4              | 110.9                         | 94.9                           | 16.04                        | 6.915                    |                                    |
| 3,000.0                                                                                       | 2,990.4                      | 2,981.9                      | 2,963.3                      | 8.5                     | 8.8                  | -31.87                       | 111.1                         | -164.2              | 114.7                         | 98.2                           | 16.54                        | 6.937                    |                                    |
| 3,040.0                                                                                       | 3,029.0                      | 3,021.9                      | 3,001.9                      | 8.6                     | 9.0                  | -31.33                       | 116.9                         | -172.9              | 115.3                         | 98.6                           | 16.71                        | 6.902                    |                                    |
| 3,100.0                                                                                       | 3,086.8                      | 3,081.9                      | 3,059.8                      | 8.7                     | 9.2                  | -32.06                       | 125.6                         | -185.9              | 115.8                         | 98.8                           | 16.98                        | 6.820                    |                                    |
| 3,200.0                                                                                       | 3,183.2                      | 3,181.9                      | 3,156.3                      | 9.0                     | 9.5                  | -33.26                       | 140.1                         | -207.6              | 116.6                         | 99.1                           | 17.48                        | 6.670                    |                                    |
| 3,300.0                                                                                       | 3,279.6                      | 3,281.8                      | 3,252.8                      | 9.3                     | 9.8                  | -34.43                       | 154.6                         | -229.4              | 117.5                         | 99.5                           | 18.00                        | 6.526                    |                                    |
| 3,400.0                                                                                       | 3,376.0                      | 3,381.8                      | 3,349.3                      | 9.7                     | 10.2                 | -35.59                       | 169.1                         | -251.1              | 118.4                         | 99.9                           | 18.54                        | 6.387                    |                                    |
| 3,500.0                                                                                       | 3,472.4                      | 3,481.8                      | 3,445.8                      | 10.0                    | 10.6                 | -36.74                       | 183.6                         | -272.9              | 119.4                         | 100.3                          | 19.08                        | 6.255                    |                                    |
| 3,600.0                                                                                       | 3,568.8                      | 3,581.7                      | 3,542.3                      | 10.4                    | 11.0                 | -37.86                       | 198.1                         | -294.6              | 120.4                         | 100.8                          | 19.64                        | 6.131                    |                                    |
| 3,700.0                                                                                       | 3,665.2                      | 3,681.7                      | 3,638.8                      | 10.7                    | 11.4                 | -38.96                       | 212.6                         | -316.4              | 121.4                         | 101.3                          | 20.19                        | 6.014                    |                                    |
| 3,800.0                                                                                       | 3,761.6                      | 3,781.7                      | 3,735.3                      | 11.1                    | 11.8                 | -40.05                       | 227.1                         | -338.1              | 122.6                         | 101.8                          | 20.76                        | 5.905                    |                                    |
| 3,900.0                                                                                       | 3,858.0                      | 3,881.6                      | 3,831.8                      | 11.5                    | 12.2                 | -41.11                       | 241.6                         | -359.8              | 123.7                         | 102.4                          | 21.32                        | 5.803                    |                                    |
| 4,000.0                                                                                       | 3,954.4                      | 3,981.6                      | 3,928.3                      | 11.9                    | 12.6                 | -42.16                       | 256.1                         | -381.6              | 124.9                         | 103.0                          | 21.88                        | 5.708                    |                                    |
| 4,100.0                                                                                       | 4,050.8                      | 4,081.6                      | 4,024.7                      | 12.3                    | 13.0                 | -43.18                       | 270.6                         | -403.3              | 126.1                         | 103.7                          | 22.44                        | 5.620                    |                                    |
| 4,200.0                                                                                       | 4,147.1                      | 4,181.5                      | 4,121.2                      | 12.7                    | 13.4                 | -44.19                       | 285.1                         | -425.1              | 127.4                         | 104.4                          | 23.00                        | 5.538                    |                                    |
| 4,300.0                                                                                       | 4,243.5                      | 4,281.5                      | 4,217.7                      | 13.1                    | 13.8                 | -45.17                       | 299.5                         | -446.8              | 128.7                         | 105.1                          | 23.56                        | 5.462                    |                                    |
| 4,400.0                                                                                       | 4,339.9                      | 4,381.5                      | 4,314.2                      | 13.6                    | 14.3                 | -46.14                       | 314.0                         | -468.6              | 130.1                         | 105.9                          | 24.12                        | 5.393                    |                                    |
| 4,500.0                                                                                       | 4,436.3                      | 4,481.4                      | 4,410.7                      | 14.0                    | 14.7                 | -47.08                       | 328.5                         | -490.3              | 131.4                         | 106.8                          | 24.67                        | 5.328                    |                                    |
| 4,600.0                                                                                       | 4,532.7                      | 4,581.4                      | 4,507.2                      | 14.4                    | 15.2                 | -48.00                       | 343.0                         | -512.0              | 132.9                         | 107.6                          | 25.22                        | 5.269                    |                                    |
| 4,700.0                                                                                       | 4,629.1                      | 4,681.4                      | 4,603.7                      | 14.8                    | 15.6                 | -48.91                       | 357.5                         | -533.8              | 134.3                         | 108.6                          | 25.76                        | 5.214                    |                                    |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                        |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                    |          |
|----------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 802H - 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                     |                               | 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) |                      |                    |          |
| 4,800.0                                                                                | 4,725.5                     | 4,781.4                     | 4,700.2                     | 15.3                | 16.1             | -49.79                      | 372.0                  | -555.5          | 135.8                        | 109.5                         | 26.30                | 5.164              |          |
| 4,900.0                                                                                | 4,821.9                     | 4,881.3                     | 4,796.7                     | 15.7                | 16.5             | -50.66                      | 386.5                  | -577.3          | 137.3                        | 110.5                         | 26.83                | 5.118              |          |
| 5,000.0                                                                                | 4,918.3                     | 4,981.3                     | 4,893.2                     | 16.2                | 17.0             | -51.51                      | 401.0                  | -599.0          | 138.9                        | 111.5                         | 27.36                | 5.076              |          |
| 5,100.0                                                                                | 5,014.7                     | 5,081.3                     | 4,989.7                     | 16.6                | 17.4             | -52.33                      | 415.5                  | -620.8          | 140.4                        | 112.6                         | 27.88                | 5.037              |          |
| 5,200.0                                                                                | 5,111.1                     | 5,181.2                     | 5,086.2                     | 17.1                | 17.9             | -53.14                      | 430.0                  | -642.5          | 142.0                        | 113.6                         | 28.40                | 5.001              |          |
| 5,300.0                                                                                | 5,207.4                     | 5,281.2                     | 5,182.6                     | 17.5                | 18.3             | -53.94                      | 444.5                  | -664.2          | 143.7                        | 114.8                         | 28.92                | 4.969              |          |
| 5,400.0                                                                                | 5,303.8                     | 5,381.2                     | 5,279.1                     | 18.0                | 18.8             | -54.71                      | 459.0                  | -686.0          | 145.3                        | 115.9                         | 29.43                | 4.939              |          |
| 5,500.0                                                                                | 5,400.2                     | 5,481.1                     | 5,375.6                     | 18.5                | 19.3             | -55.46                      | 473.5                  | -707.7          | 147.0                        | 117.1                         | 29.93                | 4.912              |          |
| 5,600.0                                                                                | 5,496.6                     | 5,581.1                     | 5,472.1                     | 18.9                | 19.7             | -56.20                      | 488.0                  | -729.5          | 148.7                        | 118.3                         | 30.43                | 4.887              |          |
| 5,700.0                                                                                | 5,593.0                     | 5,681.1                     | 5,568.6                     | 19.4                | 20.2             | -56.92                      | 502.5                  | -751.2          | 150.5                        | 119.5                         | 30.93                | 4.865              |          |
| 5,800.0                                                                                | 5,689.4                     | 5,781.0                     | 5,665.1                     | 19.8                | 20.7             | -57.63                      | 517.0                  | -773.0          | 152.2                        | 120.8                         | 31.43                | 4.844              |          |
| 5,900.0                                                                                | 5,785.8                     | 5,881.0                     | 5,761.6                     | 20.3                | 21.1             | -58.32                      | 531.5                  | -794.7          | 154.0                        | 122.1                         | 31.92                | 4.826              |          |
| 6,000.0                                                                                | 5,882.2                     | 5,981.0                     | 5,858.1                     | 20.8                | 21.6             | -58.99                      | 546.0                  | -816.4          | 155.8                        | 123.4                         | 32.40                | 4.809              |          |
| 6,100.0                                                                                | 5,978.6                     | 6,080.9                     | 5,954.6                     | 21.3                | 22.1             | -59.65                      | 560.5                  | -838.2          | 157.6                        | 124.8                         | 32.89                | 4.793              |          |
| 6,200.0                                                                                | 6,075.0                     | 6,180.9                     | 6,051.1                     | 21.7                | 22.6             | -60.29                      | 575.0                  | -859.9          | 159.5                        | 126.1                         | 33.37                | 4.780              |          |
| 6,300.0                                                                                | 6,171.3                     | 6,280.9                     | 6,147.6                     | 22.2                | 23.0             | -60.92                      | 589.4                  | -881.7          | 161.3                        | 127.5                         | 33.85                | 4.767              |          |
| 6,400.0                                                                                | 6,267.7                     | 6,380.8                     | 6,244.0                     | 22.7                | 23.5             | -61.53                      | 603.9                  | -903.4          | 163.2                        | 128.9                         | 34.32                | 4.756              |          |
| 6,500.0                                                                                | 6,364.1                     | 6,480.8                     | 6,340.5                     | 23.2                | 24.0             | -62.13                      | 618.4                  | -925.2          | 165.1                        | 130.3                         | 34.79                | 4.746              |          |
| 6,600.0                                                                                | 6,460.5                     | 6,580.8                     | 6,437.0                     | 23.6                | 24.5             | -62.71                      | 632.9                  | -946.9          | 167.0                        | 131.8                         | 35.26                | 4.737              |          |
| 6,614.6                                                                                | 6,474.6                     | 6,595.3                     | 6,451.1                     | 23.7                | 24.6             | -62.80                      | 635.0                  | -950.1          | 167.3                        | 132.0                         | 35.33                | 4.736              |          |
| 6,700.0                                                                                | 6,557.1                     | 6,680.7                     | 6,533.5                     | 24.1                | 25.0             | -63.11                      | 647.4                  | -968.6          | 169.3                        | 133.5                         | 35.78                | 4.731              |          |
| 6,800.0                                                                                | 6,654.1                     | 6,780.7                     | 6,630.0                     | 24.6                | 25.4             | -62.99                      | 661.9                  | -990.4          | 172.3                        | 135.8                         | 36.44                | 4.728              |          |
| 6,900.0                                                                                | 6,751.5                     | 6,880.6                     | 6,726.4                     | 25.0                | 25.9             | -62.38                      | 676.4                  | -1,012.1        | 176.1                        | 138.8                         | 37.24                | 4.728              |          |
| 7,000.0                                                                                | 6,849.3                     | 6,980.4                     | 6,822.8                     | 25.5                | 26.4             | -61.32                      | 690.9                  | -1,033.8        | 180.8                        | 142.6                         | 38.20                | 4.732              |          |
| 7,100.0                                                                                | 6,947.4                     | 7,080.1                     | 6,919.1                     | 26.0                | 26.9             | -59.85                      | 705.3                  | -1,055.5        | 186.4                        | 147.0                         | 39.31                | 4.741              |          |
| 7,200.0                                                                                | 7,045.8                     | 7,179.7                     | 7,015.2                     | 26.4                | 27.4             | -58.05                      | 719.8                  | -1,077.2        | 193.0                        | 152.4                         | 40.56                | 4.758              |          |
| 7,300.0                                                                                | 7,144.6                     | 7,279.1                     | 7,111.1                     | 26.8                | 27.9             | -55.96                      | 734.2                  | -1,098.8        | 200.8                        | 158.8                         | 41.96                | 4.786              |          |
| 7,400.0                                                                                | 7,243.6                     | 7,378.4                     | 7,206.9                     | 27.3                | 28.3             | -53.66                      | 748.6                  | -1,120.4        | 209.9                        | 166.4                         | 43.47                | 4.828              |          |
| 7,500.0                                                                                | 7,342.8                     | 7,477.4                     | 7,302.5                     | 27.7                | 28.8             | -51.22                      | 762.9                  | -1,141.9        | 220.4                        | 175.3                         | 45.09                | 4.888              |          |
| 7,600.0                                                                                | 7,442.3                     | 7,576.1                     | 7,397.8                     | 28.1                | 29.3             | -48.71                      | 777.3                  | -1,163.4        | 232.4                        | 185.7                         | 46.76                | 4.970              |          |
| 7,700.0                                                                                | 7,541.9                     | 7,674.6                     | 7,492.8                     | 28.4                | 29.8             | -46.16                      | 791.5                  | -1,184.8        | 246.1                        | 197.6                         | 48.47                | 5.077              |          |
| 7,800.0                                                                                | 7,641.6                     | 7,772.7                     | 7,587.5                     | 28.8                | 30.3             | -43.65                      | 805.8                  | -1,206.1        | 261.5                        | 211.3                         | 50.18                | 5.211              |          |
| 7,900.0                                                                                | 7,741.5                     | 7,870.5                     | 7,681.9                     | 29.2                | 30.7             | -41.20                      | 819.9                  | -1,227.4        | 278.6                        | 226.8                         | 51.85                | 5.373              |          |
| 8,000.0                                                                                | 7,841.4                     | 7,967.9                     | 7,775.9                     | 29.5                | 31.2             | -38.84                      | 834.1                  | -1,248.6        | 297.6                        | 244.1                         | 53.47                | 5.565              |          |
| 8,100.0                                                                                | 7,941.4                     | 8,064.9                     | 7,869.5                     | 29.7                | 31.7             | -36.61                      | 848.1                  | -1,269.7        | 318.4                        | 263.4                         | 55.01                | 5.788              |          |
| 8,158.6                                                                                | 8,000.0                     | 8,121.5                     | 7,924.2                     | 29.8                | 32.0             | -86.21                      | 856.3                  | -1,282.0        | 331.5                        | 275.7                         | 55.83                | 5.938              |          |
| 8,200.0                                                                                | 8,041.4                     | 8,161.5                     | 7,962.8                     | 29.8                | 32.2             | -85.31                      | 862.1                  | -1,290.7        | 341.0                        | 284.6                         | 56.35                | 6.051              |          |
| 8,300.0                                                                                | 8,141.4                     | 8,258.0                     | 8,055.9                     | 29.9                | 32.6             | -83.33                      | 876.1                  | -1,311.7        | 364.2                        | 306.7                         | 57.56                | 6.328              |          |
| 8,400.0                                                                                | 8,241.4                     | 8,354.5                     | 8,149.1                     | 29.9                | 33.1             | -81.59                      | 890.1                  | -1,332.7        | 387.9                        | 329.2                         | 58.66                | 6.612              |          |
| 8,500.0                                                                                | 8,341.4                     | 8,451.0                     | 8,242.3                     | 29.9                | 33.6             | -80.04                      | 904.1                  | -1,353.7        | 411.8                        | 352.1                         | 59.69                | 6.899              |          |
| 8,600.0                                                                                | 8,441.4                     | 8,550.3                     | 8,338.2                     | 30.0                | 34.1             | -78.63                      | 918.4                  | -1,375.2        | 435.9                        | 375.2                         | 60.67                | 7.185              |          |
| 8,700.0                                                                                | 8,541.4                     | 8,654.9                     | 8,439.5                     | 30.0                | 34.6             | -77.38                      | 932.7                  | -1,396.6        | 458.8                        | 397.2                         | 61.59                | 7.449              |          |
| 8,800.0                                                                                | 8,641.4                     | 8,760.4                     | 8,542.2                     | 30.0                | 35.1             | -76.33                      | 946.1                  | -1,416.6        | 480.2                        | 417.8                         | 62.44                | 7.692              |          |
| 8,900.0                                                                                | 8,741.4                     | 8,866.7                     | 8,646.2                     | 30.1                | 35.6             | -75.44                      | 958.5                  | -1,435.2        | 500.1                        | 436.9                         | 63.21                | 7.912              |          |
| 9,000.0                                                                                | 8,841.4                     | 8,973.9                     | 8,751.4                     | 30.1                | 36.1             | -74.68                      | 969.9                  | -1,452.3        | 518.3                        | 454.4                         | 63.92                | 8.109              |          |
| 9,100.0                                                                                | 8,941.4                     | 9,081.8                     | 8,857.7                     | 30.2                | 36.6             | -74.04                      | 980.2                  | -1,467.9        | 534.8                        | 470.2                         | 64.57                | 8.283              |          |
| 9,200.0                                                                                | 9,041.4                     | 9,190.5                     | 8,965.0                     | 30.2                | 37.0             | -73.50                      | 989.6                  | -1,481.8        | 549.6                        | 484.4                         | 65.16                | 8.434              |          |
| 9,300.0                                                                                | 9,141.4                     | 9,299.7                     | 9,073.2                     | 30.2                | 37.5             | -73.05                      | 997.8                  | -1,494.2        | 562.6                        | 496.9                         | 65.70                | 8.563              |          |
| 9,400.0                                                                                | 9,241.4                     | 9,409.4                     | 9,182.2                     | 30.3                | 38.0             | -72.68                      | 1,004.9                | -1,504.9        | 573.8                        | 507.6                         | 66.19                | 8.669              |          |
| 9,500.0                                                                                | 9,341.4                     | 9,519.6                     | 9,291.8                     | 30.3                | 38.4             | -72.38                      | 1,010.9                | -1,513.9        | 583.2                        | 516.6                         | 66.62                | 8.754              |          |
| 9,600.0                                                                                | 9,441.4                     | 9,630.2                     | 9,402.1                     | 30.4                | 38.8             | -72.15                      | 1,015.7                | -1,521.1        | 590.8                        | 523.8                         | 67.00                | 8.818              |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          |
|-----------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 802H - 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>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>No-Go Distance (usft)</b> | <b>Separation Factor</b> |
| 9,700.0                                                                                       | 9,541.4                      | 9,741.1                      | 9,512.8                      | 30.4                    | 39.2                 | -71.97                       | 1,019.4             | -1,526.6            | 596.5                         | 529.2                          | 67.32                        | 8.862                    |
| 9,800.0                                                                                       | 9,641.4                      | 9,852.2                      | 9,623.8                      | 30.4                    | 39.6                 | -71.86                       | 1,021.9             | -1,530.3            | 600.4                         | 532.8                          | 67.56                        | 8.886                    |
| 9,900.0                                                                                       | 9,741.4                      | 9,963.4                      | 9,735.0                      | 30.5                    | 39.8                 | -71.80                       | 1,023.1             | -1,532.2            | 602.4                         | 534.7                          | 67.72                        | 8.896                    |
| 10,000.0                                                                                      | 9,841.4                      | 10,069.8                     | 9,841.4                      | 30.5                    | 40.0                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.9                          | 67.76                        | 8.894                    |
| 10,100.0                                                                                      | 9,941.4                      | 10,169.8                     | 9,941.4                      | 30.6                    | 40.0                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.9                          | 67.83                        | 8.886                    |
| 10,200.0                                                                                      | 10,041.4                     | 10,269.8                     | 10,041.4                     | 30.6                    | 40.0                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.8                          | 67.89                        | 8.877                    |
| 10,300.0                                                                                      | 10,141.4                     | 10,369.8                     | 10,141.4                     | 30.6                    | 40.1                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.7                          | 67.96                        | 8.868                    |
| 10,400.0                                                                                      | 10,241.4                     | 10,469.8                     | 10,241.4                     | 30.7                    | 40.1                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.7                          | 68.03                        | 8.859                    |
| 10,500.0                                                                                      | 10,341.4                     | 10,569.8                     | 10,341.4                     | 30.7                    | 40.1                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.6                          | 68.10                        | 8.850                    |
| 10,600.0                                                                                      | 10,441.4                     | 10,669.8                     | 10,441.4                     | 30.8                    | 40.1                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.5                          | 68.17                        | 8.841                    |
| 10,700.0                                                                                      | 10,541.4                     | 10,769.8                     | 10,541.4                     | 30.8                    | 40.2                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.4                          | 68.24                        | 8.832                    |
| 10,800.0                                                                                      | 10,641.4                     | 10,869.8                     | 10,641.4                     | 30.9                    | 40.2                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.4                          | 68.30                        | 8.824                    |
| 10,900.0                                                                                      | 10,741.4                     | 10,969.8                     | 10,741.4                     | 30.9                    | 40.2                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.3                          | 68.37                        | 8.815                    |
| 11,000.0                                                                                      | 10,841.4                     | 11,069.8                     | 10,841.4                     | 30.9                    | 40.3                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.2                          | 68.44                        | 8.806                    |
| 11,100.0                                                                                      | 10,941.4                     | 11,169.8                     | 10,941.4                     | 31.0                    | 40.3                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.2                          | 68.51                        | 8.796                    |
| 11,200.0                                                                                      | 11,041.4                     | 11,269.8                     | 11,041.4                     | 31.0                    | 40.3                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.1                          | 68.58                        | 8.787                    |
| 11,300.0                                                                                      | 11,141.4                     | 11,369.8                     | 11,141.4                     | 31.1                    | 40.4                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.0                          | 68.66                        | 8.778                    |
| 11,400.0                                                                                      | 11,241.4                     | 11,469.8                     | 11,241.4                     | 31.1                    | 40.4                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 534.0                          | 68.73                        | 8.769                    |
| 11,500.0                                                                                      | 11,341.4                     | 11,569.8                     | 11,341.4                     | 31.2                    | 40.4                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 533.9                          | 68.80                        | 8.760                    |
| 11,600.0                                                                                      | 11,441.4                     | 11,669.8                     | 11,441.4                     | 31.2                    | 40.4                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 533.8                          | 68.87                        | 8.751                    |
| 11,692.1                                                                                      | 11,533.5                     | 11,761.9                     | 11,533.5                     | 31.2                    | 40.5                 | -71.79                       | 1,023.3             | -1,532.5            | 602.7                         | 533.8                          | 68.93                        | 8.743                    |
| 11,700.0                                                                                      | 11,541.4                     | 11,769.8                     | 11,541.4                     | 31.2                    | 40.5                 | 99.31                        | 1,023.3             | -1,532.5            | 602.7                         | 533.8                          | 68.94                        | 8.743                    |
| 11,725.0                                                                                      | 11,566.3                     | 11,794.8                     | 11,566.3                     | 31.2                    | 40.5                 | 99.39                        | 1,023.3             | -1,532.5            | 602.9                         | 533.9                          | 68.96                        | 8.742                    |
| 11,750.0                                                                                      | 11,591.2                     | 11,819.7                     | 11,591.2                     | 31.1                    | 40.5                 | 99.57                        | 1,023.3             | -1,532.5            | 603.3                         | 534.2                          | 69.01                        | 8.741                    |
| 11,775.0                                                                                      | 11,616.0                     | 11,844.4                     | 11,616.0                     | 31.1                    | 40.5                 | 99.83                        | 1,023.3             | -1,532.5            | 603.9                         | 534.8                          | 69.09                        | 8.740                    |
| 11,800.0                                                                                      | 11,640.5                     | 11,868.9                     | 11,640.5                     | 31.0                    | 40.5                 | 100.18                       | 1,023.3             | -1,532.5            | 604.8                         | 535.6                          | 69.19                        | 8.740                    |
| 11,825.0                                                                                      | 11,664.7                     | 11,893.1                     | 11,664.7                     | 31.0                    | 40.5                 | 100.61                       | 1,023.3             | -1,532.5            | 605.9                         | 536.6                          | 69.32                        | 8.741                    |
| 11,850.0                                                                                      | 11,688.5                     | 11,917.0                     | 11,688.5                     | 30.9                    | 40.5                 | 101.10                       | 1,023.3             | -1,532.5            | 607.4                         | 537.9                          | 69.46                        | 8.744                    |
| 11,875.0                                                                                      | 11,711.9                     | 11,940.4                     | 11,711.9                     | 30.8                    | 40.5                 | 101.64                       | 1,023.3             | -1,532.5            | 609.2                         | 539.6                          | 69.62                        | 8.750                    |
| 11,900.0                                                                                      | 11,734.9                     | 11,963.3                     | 11,734.9                     | 30.8                    | 40.5                 | 102.22                       | 1,023.3             | -1,532.5            | 611.5                         | 541.7                          | 69.79                        | 8.761                    |
| 11,925.0                                                                                      | 11,757.2                     | 11,985.7                     | 11,757.2                     | 30.7                    | 40.5                 | 102.82                       | 1,023.3             | -1,532.5            | 614.2                         | 544.2                          | 69.97                        | 8.778                    |
| 11,950.0                                                                                      | 11,779.0                     | 12,007.5                     | 11,779.0                     | 30.6                    | 40.6                 | 103.42                       | 1,023.3             | -1,532.5            | 617.3                         | 547.2                          | 70.14                        | 8.801                    |
| 11,975.0                                                                                      | 11,800.1                     | 12,028.6                     | 11,800.1                     | 30.6                    | 40.6                 | 104.01                       | 1,023.3             | -1,532.5            | 621.1                         | 550.7                          | 70.32                        | 8.832                    |
| 12,000.0                                                                                      | 11,820.5                     | 12,048.9                     | 11,820.5                     | 30.5                    | 40.6                 | 104.57                       | 1,023.3             | -1,532.5            | 625.4                         | 554.9                          | 70.48                        | 8.874                    |
| 12,025.0                                                                                      | 11,840.1                     | 12,068.5                     | 11,840.1                     | 30.5                    | 40.6                 | 105.07                       | 1,023.3             | -1,532.5            | 630.4                         | 559.7                          | 70.62                        | 8.926                    |
| 12,050.0                                                                                      | 11,858.8                     | 12,087.2                     | 11,858.8                     | 30.4                    | 40.6                 | 105.51                       | 1,023.3             | -1,532.5            | 636.0                         | 565.3                          | 70.75                        | 8.990                    |
| 12,075.0                                                                                      | 11,876.6                     | 12,105.1                     | 11,876.6                     | 30.3                    | 40.6                 | 105.86                       | 1,023.3             | -1,532.5            | 642.5                         | 571.6                          | 70.86                        | 9.067                    |
| 12,100.0                                                                                      | 11,893.5                     | 12,122.0                     | 11,893.5                     | 30.3                    | 40.6                 | 106.10                       | 1,023.3             | -1,532.5            | 649.6                         | 578.7                          | 70.93                        | 9.159                    |
| 12,125.0                                                                                      | 11,909.5                     | 12,137.9                     | 11,909.5                     | 30.2                    | 40.6                 | 106.22                       | 1,023.3             | -1,532.5            | 657.6                         | 586.7                          | 70.98                        | 9.265                    |
| 12,150.0                                                                                      | 11,924.4                     | 12,152.8                     | 11,924.4                     | 30.2                    | 40.6                 | 106.19                       | 1,023.3             | -1,532.5            | 666.5                         | 595.5                          | 71.00                        | 9.387                    |
| 12,175.0                                                                                      | 11,938.2                     | 12,166.6                     | 11,938.2                     | 30.2                    | 40.6                 | 106.01                       | 1,023.3             | -1,532.5            | 676.1                         | 605.1                          | 70.98                        | 9.525                    |
| 12,200.0                                                                                      | 11,950.9                     | 12,179.3                     | 11,950.9                     | 30.1                    | 40.6                 | 105.65                       | 1,023.3             | -1,532.5            | 686.6                         | 615.7                          | 70.93                        | 9.679                    |
| 12,225.0                                                                                      | 11,962.4                     | 12,190.9                     | 11,962.4                     | 30.1                    | 40.6                 | 105.10                       | 1,023.3             | -1,532.5            | 697.9                         | 627.1                          | 70.85                        | 9.850                    |
| 12,250.0                                                                                      | 11,972.8                     | 12,981.0                     | 12,458.0                     | 30.1                    | 39.2                 | 129.50                       | 524.4               | -1,508.1            | 699.4                         | 647.8                          | 51.60                        | 13.552                   |
| 12,275.0                                                                                      | 11,982.0                     | 13,002.8                     | 12,458.0                     | 30.1                    | 39.2                 | 130.18                       | 502.6               | -1,507.1            | 689.7                         | 638.1                          | 51.58                        | 13.370                   |
| 12,300.0                                                                                      | 11,990.0                     | 13,025.0                     | 12,458.0                     | 30.0                    | 39.3                 | 130.83                       | 480.4               | -1,506.1            | 680.8                         | 629.2                          | 51.56                        | 13.204                   |
| 12,325.0                                                                                      | 11,996.7                     | 13,047.6                     | 12,458.0                     | 30.0                    | 39.3                 | 131.46                       | 457.9               | -1,505.2            | 672.7                         | 621.2                          | 51.52                        | 13.057                   |
| 12,350.0                                                                                      | 12,002.1                     | 13,070.6                     | 12,458.0                     | 30.0                    | 39.3                 | 132.07                       | 435.0               | -1,504.3            | 665.6                         | 614.1                          | 51.48                        | 12.929                   |
| 12,375.0                                                                                      | 12,006.3                     | 13,093.7                     | 12,458.0                     | 30.0                    | 39.3                 | 132.66                       | 411.8               | -1,503.4            | 659.3                         | 607.9                          | 51.42                        | 12.821                   |
| 12,400.0                                                                                      | 12,009.1                     | 13,117.1                     | 12,458.0                     | 30.0                    | 39.3                 | 133.25                       | 388.4               | -1,502.6            | 653.9                         | 602.5                          | 51.36                        | 12.731                   |
| 12,425.0                                                                                      | 12,010.7                     | 13,140.6                     | 12,458.0                     | 30.1                    | 39.4                 | 133.82                       | 364.9               | -1,501.8            | 649.4                         | 598.1                          | 51.30                        | 12.660                   |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                  |                                  |                                  |                             |                          |                                  |                               |                         |                                   |                                    |                                  |                           |                |
|-----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|--------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------------------|------------------------------------|----------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 802H - 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<br/>(°)</b> | <b>Offset Wellbore Centre</b> |                         | <b>Distance</b>                   |                                    | <b>No-Go Distance<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> |                                  |                           |                |
| 12,442.1                                                                                      | 12,011.0                         | 13,156.7                         | 12,458.0                         | 30.1                        | 39.4                     | 134.21                           | 348.8                         | -1,501.3                | 646.9                             | 595.7                              | 51.25                            | 12.624                    |                |
| 12,500.0                                                                                      | 12,011.0                         | 13,211.4                         | 12,458.0                         | 30.1                        | 39.4                     | 134.70                           | 294.1                         | -1,499.7                | 639.7                             | 588.6                              | 51.08                            | 12.523                    |                |
| 12,600.0                                                                                      | 12,011.0                         | 13,306.6                         | 12,458.0                         | 30.2                        | 39.5                     | 135.41                           | 199.0                         | -1,497.7                | 629.9                             | 579.0                              | 50.88                            | 12.379                    |                |
| 12,700.0                                                                                      | 12,011.0                         | 13,402.3                         | 12,458.0                         | 30.4                        | 39.7                     | 135.91                           | 103.3                         | -1,496.4                | 623.2                             | 572.4                              | 50.76                            | 12.277                    |                |
| 12,800.0                                                                                      | 12,011.0                         | 13,501.1                         | 12,458.0                         | 30.5                        | 39.8                     | 136.21                           | 4.5                           | -1,495.8                | 619.4                             | 568.7                              | 50.68                            | 12.221                    |                |
| 12,900.0                                                                                      | 12,011.0                         | 13,601.1                         | 12,458.0                         | 30.7                        | 40.0                     | 136.32                           | -95.5                         | -1,495.1                | 618.0                             | 567.4                              | 50.68                            | 12.195                    |                |
| 12,905.1                                                                                      | 12,011.0                         | 13,606.2                         | 12,458.0                         | 30.7                        | 40.0                     | 136.32                           | -100.6                        | -1,495.1                | 618.0                             | 567.4                              | 50.68                            | 12.195                    |                |
| 12,905.2                                                                                      | 12,011.0                         | 13,606.3                         | 12,458.0                         | 30.7                        | 40.0                     | 136.32                           | -100.7                        | -1,495.1                | 618.0                             | 567.4                              | 50.68                            | 12.195                    |                |
| 13,000.0                                                                                      | 12,011.0                         | 13,701.1                         | 12,458.0                         | 30.9                        | 40.2                     | 136.32                           | -195.5                        | -1,494.5                | 618.0                             | 567.3                              | 50.73                            | 12.183                    |                |
| 13,100.0                                                                                      | 12,011.0                         | 13,801.1                         | 12,458.0                         | 31.1                        | 40.4                     | 136.32                           | -295.5                        | -1,493.9                | 618.0                             | 567.2                              | 50.84                            | 12.157                    |                |
| 13,200.0                                                                                      | 12,011.0                         | 13,901.1                         | 12,458.0                         | 31.3                        | 40.6                     | 136.32                           | -395.5                        | -1,493.3                | 618.0                             | 567.0                              | 51.01                            | 12.117                    |                |
| 13,300.0                                                                                      | 12,011.0                         | 14,001.1                         | 12,458.0                         | 31.5                        | 40.9                     | 136.32                           | -495.5                        | -1,492.6                | 618.0                             | 566.8                              | 51.23                            | 12.063                    |                |
| 13,400.0                                                                                      | 12,011.0                         | 14,101.1                         | 12,458.0                         | 31.8                        | 41.1                     | 136.32                           | -595.5                        | -1,492.0                | 618.1                             | 566.5                              | 51.52                            | 11.997                    |                |
| 13,500.0                                                                                      | 12,011.0                         | 14,201.1                         | 12,458.0                         | 32.1                        | 41.4                     | 136.32                           | -695.5                        | -1,491.4                | 618.1                             | 566.2                              | 51.86                            | 11.918                    |                |
| 13,600.0                                                                                      | 12,011.0                         | 14,301.1                         | 12,458.0                         | 32.4                        | 41.7                     | 136.32                           | -795.5                        | -1,490.7                | 618.1                             | 565.8                              | 52.26                            | 11.827                    |                |
| 13,700.0                                                                                      | 12,011.0                         | 14,401.1                         | 12,458.0                         | 32.7                        | 42.0                     | 136.32                           | -895.5                        | -1,490.1                | 618.1                             | 565.3                              | 52.71                            | 11.726                    |                |
| 13,800.0                                                                                      | 12,011.0                         | 14,501.1                         | 12,458.0                         | 33.1                        | 42.3                     | 136.32                           | -995.5                        | -1,489.5                | 618.1                             | 564.8                              | 53.21                            | 11.616                    |                |
| 13,900.0                                                                                      | 12,011.0                         | 14,601.1                         | 12,458.0                         | 33.4                        | 42.7                     | 136.32                           | -1,095.5                      | -1,488.9                | 618.1                             | 564.3                              | 53.76                            | 11.496                    |                |
| 14,000.0                                                                                      | 12,011.0                         | 14,701.1                         | 12,458.0                         | 33.8                        | 43.1                     | 136.32                           | -1,195.5                      | -1,488.2                | 618.1                             | 563.7                              | 54.37                            | 11.368                    |                |
| 14,100.0                                                                                      | 12,011.0                         | 14,801.1                         | 12,458.0                         | 34.2                        | 43.4                     | 136.32                           | -1,295.5                      | -1,487.6                | 618.1                             | 563.0                              | 55.02                            | 11.233                    |                |
| 14,200.0                                                                                      | 12,011.0                         | 14,901.1                         | 12,458.0                         | 34.7                        | 43.8                     | 136.32                           | -1,395.5                      | -1,487.0                | 618.1                             | 562.3                              | 55.72                            | 11.093                    |                |
| 14,300.0                                                                                      | 12,011.0                         | 15,001.1                         | 12,458.0                         | 35.1                        | 44.3                     | 136.32                           | -1,495.5                      | -1,486.3                | 618.1                             | 561.6                              | 56.46                            | 10.947                    |                |
| 14,400.0                                                                                      | 12,011.0                         | 15,101.1                         | 12,458.0                         | 35.6                        | 44.7                     | 136.32                           | -1,595.5                      | -1,485.7                | 618.1                             | 560.8                              | 57.25                            | 10.796                    |                |
| 14,500.0                                                                                      | 12,011.0                         | 15,201.1                         | 12,458.0                         | 36.1                        | 45.1                     | 136.32                           | -1,695.5                      | -1,485.1                | 618.1                             | 560.0                              | 58.07                            | 10.643                    |                |
| 14,600.0                                                                                      | 12,011.0                         | 15,301.1                         | 12,458.0                         | 36.7                        | 45.6                     | 136.32                           | -1,795.4                      | -1,484.5                | 618.1                             | 559.1                              | 58.94                            | 10.486                    |                |
| 14,700.0                                                                                      | 12,011.0                         | 15,401.1                         | 12,458.0                         | 37.2                        | 46.1                     | 136.32                           | -1,895.4                      | -1,483.8                | 618.1                             | 558.2                              | 59.84                            | 10.328                    |                |
| 14,800.0                                                                                      | 12,011.0                         | 15,501.1                         | 12,458.0                         | 37.8                        | 46.6                     | 136.32                           | -1,995.4                      | -1,483.2                | 618.1                             | 557.3                              | 60.78                            | 10.168                    |                |
| 14,900.0                                                                                      | 12,011.0                         | 15,601.1                         | 12,458.0                         | 38.3                        | 47.1                     | 136.32                           | -2,095.4                      | -1,482.6                | 618.1                             | 556.3                              | 61.76                            | 10.008                    |                |
| 15,000.0                                                                                      | 12,011.0                         | 15,701.1                         | 12,458.0                         | 38.9                        | 47.6                     | 136.32                           | -2,195.4                      | -1,481.9                | 618.1                             | 555.3                              | 62.76                            | 9.847                     |                |
| 15,100.0                                                                                      | 12,011.0                         | 15,801.1                         | 12,458.0                         | 39.6                        | 48.2                     | 136.32                           | -2,295.4                      | -1,481.3                | 618.1                             | 554.3                              | 63.80                            | 9.687                     |                |
| 15,200.0                                                                                      | 12,011.0                         | 15,901.1                         | 12,458.0                         | 40.2                        | 48.8                     | 136.32                           | -2,395.4                      | -1,480.7                | 618.1                             | 553.2                              | 64.87                            | 9.528                     |                |
| 15,300.0                                                                                      | 12,011.0                         | 16,001.1                         | 12,458.0                         | 40.8                        | 49.3                     | 136.32                           | -2,495.4                      | -1,480.1                | 618.1                             | 552.1                              | 65.97                            | 9.370                     |                |
| 15,400.0                                                                                      | 12,011.0                         | 16,101.1                         | 12,458.0                         | 41.5                        | 49.9                     | 136.32                           | -2,595.4                      | -1,479.4                | 618.1                             | 551.0                              | 67.09                            | 9.213                     |                |
| 15,500.0                                                                                      | 12,011.0                         | 16,201.1                         | 12,458.0                         | 42.2                        | 50.5                     | 136.32                           | -2,695.4                      | -1,478.8                | 618.1                             | 549.8                              | 68.24                            | 9.058                     |                |
| 15,600.0                                                                                      | 12,011.0                         | 16,301.1                         | 12,458.0                         | 42.9                        | 51.1                     | 136.32                           | -2,795.4                      | -1,478.2                | 618.1                             | 548.7                              | 69.41                            | 8.905                     |                |
| 15,700.0                                                                                      | 12,011.0                         | 16,401.1                         | 12,458.0                         | 43.6                        | 51.7                     | 136.32                           | -2,895.4                      | -1,477.5                | 618.1                             | 547.5                              | 70.60                            | 8.754                     |                |
| 15,800.0                                                                                      | 12,011.0                         | 16,501.1                         | 12,458.0                         | 44.3                        | 52.4                     | 136.32                           | -2,995.4                      | -1,476.9                | 618.1                             | 546.3                              | 71.82                            | 8.606                     |                |
| 15,900.0                                                                                      | 12,011.0                         | 16,601.1                         | 12,458.0                         | 45.0                        | 53.0                     | 136.32                           | -3,095.4                      | -1,476.3                | 618.1                             | 545.0                              | 73.06                            | 8.460                     |                |
| 16,000.0                                                                                      | 12,011.0                         | 16,701.1                         | 12,458.0                         | 45.7                        | 53.7                     | 136.32                           | -3,195.4                      | -1,475.7                | 618.1                             | 543.8                              | 74.31                            | 8.317                     |                |
| 16,100.0                                                                                      | 12,011.0                         | 16,801.1                         | 12,458.0                         | 46.5                        | 54.3                     | 136.32                           | -3,295.4                      | -1,475.0                | 618.1                             | 542.5                              | 75.59                            | 8.177                     |                |
| 16,200.0                                                                                      | 12,011.0                         | 16,901.1                         | 12,458.0                         | 47.2                        | 55.0                     | 136.32                           | -3,395.4                      | -1,474.4                | 618.1                             | 541.2                              | 76.88                            | 8.039                     |                |
| 16,300.0                                                                                      | 12,011.0                         | 17,001.1                         | 12,458.0                         | 48.0                        | 55.7                     | 136.32                           | -3,495.4                      | -1,473.8                | 618.1                             | 539.9                              | 78.19                            | 7.905                     |                |
| 16,400.0                                                                                      | 12,011.0                         | 17,101.1                         | 12,458.0                         | 48.8                        | 56.4                     | 136.32                           | -3,595.4                      | -1,473.1                | 618.1                             | 538.6                              | 79.52                            | 7.773                     |                |
| 16,500.0                                                                                      | 12,011.0                         | 17,201.1                         | 12,458.0                         | 49.5                        | 57.1                     | 136.32                           | -3,695.4                      | -1,472.5                | 618.1                             | 537.2                              | 80.86                            | 7.644                     |                |
| 16,600.0                                                                                      | 12,011.0                         | 17,301.1                         | 12,458.0                         | 50.3                        | 57.8                     | 136.32                           | -3,795.4                      | -1,471.9                | 618.1                             | 535.9                              | 82.22                            | 7.518                     |                |
| 16,700.0                                                                                      | 12,011.0                         | 17,401.1                         | 12,458.0                         | 51.1                        | 58.5                     | 136.32                           | -3,895.4                      | -1,471.3                | 618.1                             | 534.5                              | 83.59                            | 7.395                     |                |
| 16,800.0                                                                                      | 12,011.0                         | 17,501.1                         | 12,458.0                         | 51.9                        | 59.2                     | 136.32                           | -3,995.4                      | -1,470.6                | 618.1                             | 533.1                              | 84.97                            | 7.274                     |                |
| 16,900.0                                                                                      | 12,011.0                         | 17,601.1                         | 12,458.0                         | 52.7                        | 60.0                     | 136.32                           | -4,095.4                      | -1,470.0                | 618.1                             | 531.7                              | 86.36                            | 7.157                     |                |
| 17,000.0                                                                                      | 12,011.0                         | 17,701.1                         | 12,458.0                         | 53.5                        | 60.7                     | 136.32                           | -4,195.4                      | -1,469.4                | 618.1                             | 530.3                              | 87.77                            | 7.042                     |                |
| 17,100.0                                                                                      | 12,011.0                         | 17,801.1                         | 12,458.0                         | 54.4                        | 61.4                     | 136.32                           | -4,295.4                      | -1,468.7                | 618.1                             | 528.9                              | 89.19                            | 6.930                     |                |
| 17,200.0                                                                                      | 12,011.0                         | 17,901.1                         | 12,458.0                         | 55.2                        | 62.2                     | 136.32                           | -4,395.4                      | -1,468.1                | 618.1                             | 527.5                              | 90.62                            | 6.821                     |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                               |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-----------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 802H - 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 17,300.0                                                                                      | 12,011.0                             | 18,001.1                             | 12,458.0                             | 56.0                        | 63.0                     | 136.32                               | -4,495.4                      | -1,467.5                | 618.1                                 | 526.0                                  | 92.06                                | 6.714                        |                |
| 17,400.0                                                                                      | 12,011.0                             | 18,101.1                             | 12,458.0                             | 56.8                        | 63.7                     | 136.32                               | -4,595.4                      | -1,466.9                | 618.1                                 | 524.6                                  | 93.51                                | 6.610                        |                |
| 17,500.0                                                                                      | 12,011.0                             | 18,201.1                             | 12,458.0                             | 57.7                        | 64.5                     | 136.32                               | -4,695.4                      | -1,466.2                | 618.1                                 | 523.1                                  | 94.97                                | 6.509                        |                |
| 17,600.0                                                                                      | 12,011.0                             | 18,301.1                             | 12,458.0                             | 58.5                        | 65.3                     | 136.32                               | -4,795.4                      | -1,465.6                | 618.1                                 | 521.7                                  | 96.43                                | 6.410                        |                |
| 17,700.0                                                                                      | 12,011.0                             | 18,401.1                             | 12,458.0                             | 59.4                        | 66.1                     | 136.32                               | -4,895.4                      | -1,465.0                | 618.1                                 | 520.2                                  | 97.91                                | 6.313                        |                |
| 17,800.0                                                                                      | 12,011.0                             | 18,501.1                             | 12,458.0                             | 60.2                        | 66.8                     | 136.32                               | -4,995.4                      | -1,464.3                | 618.1                                 | 518.7                                  | 99.39                                | 6.219                        |                |
| 17,900.0                                                                                      | 12,011.0                             | 18,601.1                             | 12,458.0                             | 61.1                        | 67.6                     | 136.32                               | -5,095.4                      | -1,463.7                | 618.1                                 | 517.2                                  | 100.89                               | 6.127                        |                |
| 18,000.0                                                                                      | 12,011.0                             | 18,701.1                             | 12,458.0                             | 61.9                        | 68.4                     | 136.32                               | -5,195.4                      | -1,463.1                | 618.1                                 | 515.7                                  | 102.38                               | 6.037                        |                |
| 18,100.0                                                                                      | 12,011.0                             | 18,801.1                             | 12,458.0                             | 62.8                        | 69.2                     | 136.32                               | -5,295.4                      | -1,462.5                | 618.1                                 | 514.2                                  | 103.89                               | 5.950                        |                |
| 18,200.0                                                                                      | 12,011.0                             | 18,901.1                             | 12,458.0                             | 63.6                        | 70.0                     | 136.32                               | -5,395.4                      | -1,461.8                | 618.1                                 | 512.7                                  | 105.40                               | 5.864                        |                |
| 18,300.0                                                                                      | 12,011.0                             | 19,001.1                             | 12,458.0                             | 64.5                        | 70.9                     | 136.32                               | -5,495.4                      | -1,461.2                | 618.1                                 | 511.2                                  | 106.92                               | 5.781                        |                |
| 18,400.0                                                                                      | 12,011.0                             | 19,101.1                             | 12,458.0                             | 65.4                        | 71.7                     | 136.32                               | -5,595.4                      | -1,460.6                | 618.1                                 | 509.7                                  | 108.45                               | 5.700                        |                |
| 18,500.0                                                                                      | 12,011.0                             | 19,201.1                             | 12,458.0                             | 66.3                        | 72.5                     | 136.32                               | -5,695.4                      | -1,459.9                | 618.1                                 | 508.1                                  | 109.98                               | 5.620                        |                |
| 18,600.0                                                                                      | 12,011.0                             | 19,301.1                             | 12,458.0                             | 67.1                        | 73.3                     | 136.32                               | -5,795.4                      | -1,459.3                | 618.1                                 | 506.6                                  | 111.52                               | 5.543                        |                |
| 18,700.0                                                                                      | 12,011.0                             | 19,401.1                             | 12,458.0                             | 68.0                        | 74.1                     | 136.32                               | -5,895.4                      | -1,458.7                | 618.1                                 | 505.1                                  | 113.06                               | 5.467                        |                |
| 18,800.0                                                                                      | 12,011.0                             | 19,501.1                             | 12,458.0                             | 68.9                        | 75.0                     | 136.32                               | -5,995.4                      | -1,458.1                | 618.1                                 | 503.5                                  | 114.61                               | 5.393                        |                |
| 18,900.0                                                                                      | 12,011.0                             | 19,601.1                             | 12,458.0                             | 69.8                        | 75.8                     | 136.32                               | -6,095.4                      | -1,457.4                | 618.1                                 | 502.0                                  | 116.17                               | 5.321                        |                |
| 19,000.0                                                                                      | 12,011.0                             | 19,701.1                             | 12,458.0                             | 70.7                        | 76.6                     | 136.32                               | -6,195.4                      | -1,456.8                | 618.1                                 | 500.4                                  | 117.72                               | 5.251                        |                |
| 19,100.0                                                                                      | 12,011.0                             | 19,801.1                             | 12,458.0                             | 71.5                        | 77.5                     | 136.32                               | -6,295.4                      | -1,456.2                | 618.1                                 | 498.8                                  | 119.29                               | 5.182                        |                |
| 19,200.0                                                                                      | 12,011.0                             | 19,901.1                             | 12,458.0                             | 72.4                        | 78.3                     | 136.32                               | -6,395.4                      | -1,455.5                | 618.1                                 | 497.3                                  | 120.85                               | 5.115                        |                |
| 19,300.0                                                                                      | 12,011.0                             | 20,001.1                             | 12,458.0                             | 73.3                        | 79.2                     | 136.31                               | -6,495.4                      | -1,454.9                | 618.1                                 | 495.7                                  | 122.43                               | 5.049                        |                |
| 19,400.0                                                                                      | 12,011.0                             | 20,101.1                             | 12,458.0                             | 74.2                        | 80.0                     | 136.31                               | -6,595.4                      | -1,454.3                | 618.1                                 | 494.1                                  | 124.00                               | 4.985                        |                |
| 19,500.0                                                                                      | 12,011.0                             | 20,201.1                             | 12,458.0                             | 75.1                        | 80.9                     | 136.31                               | -6,695.4                      | -1,453.7                | 618.1                                 | 492.6                                  | 125.58                               | 4.922                        |                |
| 19,600.0                                                                                      | 12,011.0                             | 20,301.1                             | 12,458.0                             | 76.0                        | 81.7                     | 136.31                               | -6,795.3                      | -1,453.0                | 618.1                                 | 491.0                                  | 127.17                               | 4.861                        |                |
| 19,700.0                                                                                      | 12,011.0                             | 20,401.1                             | 12,458.0                             | 76.9                        | 82.6                     | 136.31                               | -6,895.3                      | -1,452.4                | 618.1                                 | 489.4                                  | 128.75                               | 4.801                        |                |
| 19,800.0                                                                                      | 12,011.0                             | 20,501.1                             | 12,458.0                             | 77.8                        | 83.4                     | 136.31                               | -6,995.3                      | -1,451.8                | 618.1                                 | 487.8                                  | 130.34                               | 4.742                        |                |
| 19,812.8                                                                                      | 12,011.0                             | 20,513.9                             | 12,458.0                             | 77.9                        | 83.5                     | 136.31                               | -7,008.1                      | -1,451.7                | 618.1                                 | 487.6                                  | 130.51                               | 4.736                        |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 803H - OWB - PWP0 |                       |                       |                       |                  |               |                       |              |                        |                        |                         |                       |                   | Offset Site Error: | 0.0 usft |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|--------------|------------------------|------------------------|-------------------------|-----------------------|-------------------|--------------------|----------|
| Survey Program:                                                                        |                       | 0-r.5 MWD+IFR1        |                       | Offset           |               | Semi Major Axis       |              | Offset Wellbore Centre |                        | Rule Assigned:          |                       |                   | Offset Well Error: | 3.0 usft |
| 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) | No-Go Distance (usft) | Separation Factor | Warning            |          |
| 0.0                                                                                    | 0.0                   | 0.0                   | 0.4                   | 3.0              | 3.0           | 125.75                | -58.4        | 81.1                   | 100.0                  |                         |                       |                   |                    |          |
| 100.0                                                                                  | 100.0                 | 99.6                  | 100.0                 | 3.1              | 3.1           | 125.75                | -58.4        | 81.1                   | 99.9                   | 93.3                    | 6.60                  | 15.145            |                    |          |
| 200.0                                                                                  | 200.0                 | 199.6                 | 200.0                 | 3.3              | 3.3           | 125.75                | -58.4        | 81.1                   | 99.9                   | 92.9                    | 7.05                  | 14.175            |                    |          |
| 300.0                                                                                  | 300.0                 | 299.6                 | 300.0                 | 3.5              | 3.5           | 125.75                | -58.4        | 81.1                   | 99.9                   | 92.5                    | 7.48                  | 13.366            |                    |          |
| 400.0                                                                                  | 400.0                 | 399.6                 | 400.0                 | 3.8              | 3.8           | 125.75                | -58.4        | 81.1                   | 99.9                   | 92.1                    | 7.88                  | 12.678            |                    |          |
| 500.0                                                                                  | 500.0                 | 499.6                 | 500.0                 | 4.0              | 3.9           | 125.75                | -58.4        | 81.1                   | 99.9                   | 91.7                    | 8.27                  | 12.084            |                    |          |
| 600.0                                                                                  | 600.0                 | 599.6                 | 600.0                 | 4.1              | 4.1           | 125.75                | -58.4        | 81.1                   | 99.9                   | 91.3                    | 8.64                  | 11.563            |                    |          |
| 700.0                                                                                  | 700.0                 | 699.6                 | 700.0                 | 4.3              | 4.3           | 125.75                | -58.4        | 81.1                   | 99.9                   | 90.9                    | 9.00                  | 11.102            |                    |          |
| 800.0                                                                                  | 800.0                 | 799.6                 | 800.0                 | 4.5              | 4.5           | 125.75                | -58.4        | 81.1                   | 99.9                   | 90.6                    | 9.35                  | 10.689            |                    |          |
| 900.0                                                                                  | 900.0                 | 899.6                 | 900.0                 | 4.7              | 4.7           | 125.75                | -58.4        | 81.1                   | 99.9                   | 90.3                    | 9.69                  | 10.317            |                    |          |
| 1,000.0                                                                                | 1,000.0               | 999.6                 | 1,000.0               | 4.8              | 4.8           | 125.75                | -58.4        | 81.1                   | 99.9                   | 89.9                    | 10.02                 | 9.979             |                    |          |
| 1,100.0                                                                                | 1,100.0               | 1,099.6               | 1,100.0               | 5.0              | 5.0           | 125.75                | -58.4        | 81.1                   | 99.9                   | 89.6                    | 10.34                 | 9.670             |                    |          |
| 1,200.0                                                                                | 1,200.0               | 1,199.6               | 1,200.0               | 5.2              | 5.2           | 125.75                | -58.4        | 81.1                   | 99.9                   | 89.3                    | 10.65                 | 9.386             |                    |          |
| 1,300.0                                                                                | 1,300.0               | 1,299.6               | 1,300.0               | 5.3              | 5.3           | 125.75                | -58.4        | 81.1                   | 99.9                   | 89.0                    | 10.95                 | 9.125             |                    |          |
| 1,400.0                                                                                | 1,400.0               | 1,399.6               | 1,400.0               | 5.5              | 5.5           | 125.75                | -58.4        | 81.1                   | 99.9                   | 88.7                    | 11.25                 | 8.882             |                    |          |
| 1,500.0                                                                                | 1,500.0               | 1,499.6               | 1,500.0               | 5.6              | 5.6           | 125.75                | -58.4        | 81.1                   | 99.9                   | 88.4                    | 11.55                 | 8.656             |                    |          |
| 1,600.0                                                                                | 1,600.0               | 1,599.6               | 1,600.0               | 5.8              | 5.8           | 125.75                | -58.4        | 81.1                   | 99.9                   | 88.1                    | 11.83                 | 8.445             |                    |          |
| 1,700.0                                                                                | 1,700.0               | 1,699.6               | 1,700.0               | 5.9              | 5.9           | 125.75                | -58.4        | 81.1                   | 99.9                   | 87.8                    | 12.12                 | 8.248             |                    |          |
| 1,800.0                                                                                | 1,800.0               | 1,799.6               | 1,800.0               | 6.0              | 6.0           | 125.75                | -58.4        | 81.1                   | 99.9                   | 87.6                    | 12.40                 | 8.062             |                    |          |
| 1,900.0                                                                                | 1,900.0               | 1,899.6               | 1,900.0               | 6.2              | 6.2           | 125.75                | -58.4        | 81.1                   | 99.9                   | 87.3                    | 12.67                 | 7.888             |                    |          |
| 2,000.0                                                                                | 2,000.0               | 1,999.6               | 2,000.0               | 6.3              | 6.3           | 125.75                | -58.4        | 81.1                   | 99.9                   | 87.0                    | 12.94                 | 7.723 CC, ES      |                    |          |
| 2,100.0                                                                                | 2,100.0               | 2,099.6               | 2,100.0               | 6.5              | 6.5           | 111.44                | -58.4        | 81.1                   | 100.4                  | 87.2                    | 13.21                 | 7.601             |                    |          |
| 2,200.0                                                                                | 2,199.9               | 2,199.5               | 2,199.9               | 6.7              | 6.6           | 113.47                | -58.4        | 81.1                   | 101.9                  | 88.4                    | 13.48                 | 7.560 SF          |                    |          |
| 2,300.0                                                                                | 2,299.7               | 2,299.3               | 2,299.7               | 6.9              | 6.7           | 116.71                | -58.4        | 81.1                   | 104.7                  | 90.9                    | 13.76                 | 7.612             |                    |          |
| 2,333.3                                                                                | 2,332.9               | 2,332.5               | 2,332.9               | 6.9              | 6.8           | 118.02                | -58.4        | 81.1                   | 106.0                  | 92.2                    | 13.82                 | 7.668             |                    |          |
| 2,400.0                                                                                | 2,399.3               | 2,398.9               | 2,399.3               | 7.0              | 6.8           | 135.03                | -58.4        | 81.1                   | 109.5                  | 95.5                    | 13.99                 | 7.832             |                    |          |
| 2,500.0                                                                                | 2,498.8               | 2,498.4               | 2,498.8               | 7.2              | 7.0           | 155.26                | -58.4        | 81.1                   | 117.8                  | 103.5                   | 14.30                 | 8.241             |                    |          |
| 2,600.0                                                                                | 2,598.1               | 2,597.7               | 2,598.1               | 7.4              | 7.1           | 168.92                | -58.4        | 81.1                   | 129.3                  | 114.7                   | 14.63                 | 8.839             |                    |          |
| 2,700.0                                                                                | 2,697.0               | 2,696.6               | 2,697.0               | 7.6              | 7.2           | 177.75                | -58.4        | 81.1                   | 143.9                  | 128.9                   | 15.01                 | 9.593             |                    |          |
| 2,800.0                                                                                | 2,795.4               | 2,795.0               | 2,795.4               | 7.9              | 7.3           | -176.60               | -58.4        | 81.1                   | 161.5                  | 146.1                   | 15.40                 | 10.488            |                    |          |
| 2,900.0                                                                                | 2,893.3               | 2,892.9               | 2,893.3               | 8.2              | 7.5           | -173.03               | -58.4        | 81.1                   | 182.1                  | 166.3                   | 15.82                 | 11.512            |                    |          |
| 3,000.0                                                                                | 2,990.4               | 2,990.0               | 2,990.4               | 8.5              | 7.6           | -170.79               | -58.4        | 81.1                   | 205.6                  | 189.4                   | 16.25                 | 12.654            |                    |          |
| 3,040.0                                                                                | 3,029.0               | 3,028.6               | 3,029.0               | 8.6              | 7.6           | -170.17               | -58.4        | 81.1                   | 215.9                  | 199.5                   | 16.39                 | 13.172            |                    |          |
| 3,100.0                                                                                | 3,086.8               | 3,086.4               | 3,086.8               | 8.7              | 7.7           | -170.84               | -58.4        | 81.1                   | 231.7                  | 215.0                   | 16.61                 | 13.948            |                    |          |
| 3,200.0                                                                                | 3,183.2               | 3,182.8               | 3,183.2               | 9.0              | 7.8           | -171.78               | -58.4        | 81.1                   | 258.0                  | 241.0                   | 17.03                 | 15.152            |                    |          |
| 3,300.0                                                                                | 3,279.6               | 3,279.2               | 3,279.6               | 9.3              | 7.9           | -172.55               | -58.4        | 81.1                   | 284.4                  | 266.9                   | 17.46                 | 16.284            |                    |          |
| 3,400.0                                                                                | 3,376.0               | 3,375.6               | 3,376.0               | 9.7              | 8.1           | -173.18               | -58.4        | 81.1                   | 310.8                  | 292.9                   | 17.92                 | 17.345            |                    |          |
| 3,500.0                                                                                | 3,472.4               | 3,472.0               | 3,472.4               | 10.0             | 8.2           | -173.72               | -58.4        | 81.1                   | 337.3                  | 318.9                   | 18.39                 | 18.340            |                    |          |
| 3,600.0                                                                                | 3,568.8               | 3,568.4               | 3,568.8               | 10.4             | 8.3           | -174.18               | -58.4        | 81.1                   | 363.8                  | 344.9                   | 18.88                 | 19.271            |                    |          |
| 3,700.0                                                                                | 3,665.2               | 3,664.8               | 3,665.2               | 10.7             | 8.4           | -174.57               | -58.4        | 81.1                   | 390.3                  | 370.9                   | 19.38                 | 20.142            |                    |          |
| 3,800.0                                                                                | 3,761.6               | 3,761.2               | 3,761.6               | 11.1             | 8.5           | -174.92               | -58.4        | 81.1                   | 416.8                  | 396.9                   | 19.89                 | 20.956            |                    |          |
| 3,900.0                                                                                | 3,858.0               | 3,857.6               | 3,858.0               | 11.5             | 8.6           | -175.23               | -58.4        | 81.1                   | 443.3                  | 422.9                   | 20.41                 | 21.717            |                    |          |
| 4,000.0                                                                                | 3,954.4               | 3,954.0               | 3,954.4               | 11.9             | 8.7           | -175.50               | -58.4        | 81.1                   | 469.9                  | 448.9                   | 20.95                 | 22.429            |                    |          |
| 4,100.0                                                                                | 4,050.8               | 4,052.9               | 4,053.3               | 12.3             | 8.8           | -175.70               | -58.5        | 80.8                   | 496.3                  | 474.8                   | 21.50                 | 23.082            |                    |          |
| 4,200.0                                                                                | 4,147.1               | 4,154.6               | 4,154.9               | 12.7             | 8.9           | -175.64               | -59.7        | 78.3                   | 521.9                  | 499.8                   | 22.06                 | 23.656            |                    |          |
| 4,300.0                                                                                | 4,243.5               | 4,256.7               | 4,256.9               | 13.1             | 9.1           | -175.31               | -62.0        | 73.3                   | 546.5                  | 523.9                   | 22.63                 | 24.149            |                    |          |
| 4,400.0                                                                                | 4,339.9               | 4,359.5               | 4,359.4               | 13.6             | 9.1           | -174.77               | -65.4        | 65.9                   | 570.2                  | 547.0                   | 23.20                 | 24.584            |                    |          |
| 4,500.0                                                                                | 4,436.3               | 4,464.2               | 4,463.8               | 14.0             | 9.3           | -174.44               | -66.6        | 58.8                   | 592.9                  | 569.1                   | 23.80                 | 24.909            |                    |          |
| 4,600.0                                                                                | 4,532.7               | 4,569.5               | 4,569.0               | 14.4             | 9.4           | -174.48               | -64.4        | 53.3                   | 614.2                  | 589.8                   | 24.44                 | 25.136            |                    |          |
| 4,700.0                                                                                | 4,629.1               | 4,675.3               | 4,674.5               | 14.8             | 9.6           | -174.86               | -58.5        | 49.3                   | 634.4                  | 609.3                   | 25.10                 | 25.276            |                    |          |
| 4,800.0                                                                                | 4,725.5               | 4,781.2               | 4,780.0               | 15.3             | 9.7           | -175.54               | -49.1        | 46.9                   | 653.4                  | 627.6                   | 25.78                 | 25.346            |                    |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - _ZIA HILLS UNIT 2832 WC 803H - 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 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) |                   |                             | No-Go Distance (usft)       |  |
| 4,900.0                                                                                | 4,821.9               | 4,887.0               | 4,884.9               | 15.7             | 9.8           | -176.49               | -36.2                  | 46.2         | 671.3                  | 644.8                   | 26.45             | 25.376                      |                             |  |
| 5,000.0                                                                                | 4,918.3               | 4,992.3               | 4,989.0               | 16.2             | 10.0          | -177.70               | -19.9                  | 47.1         | 688.2                  | 661.1                   | 27.12             | 25.377                      |                             |  |
| 5,100.0                                                                                | 5,014.7               | 5,096.9               | 5,091.6               | 16.6             | 10.2          | -179.15               | -0.2                   | 49.5         | 704.5                  | 676.7                   | 27.78             | 25.363                      |                             |  |
| 5,200.0                                                                                | 5,111.1               | 5,200.5               | 5,192.6               | 17.1             | 10.4          | 179.21                | 22.6                   | 53.5         | 720.2                  | 691.8                   | 28.41             | 25.348                      |                             |  |
| 5,300.0                                                                                | 5,207.4               | 5,300.6               | 5,289.5               | 17.5             | 10.6          | 177.43                | 47.7                   | 58.8         | 735.7                  | 706.7                   | 28.99             | 25.380                      |                             |  |
| 5,400.0                                                                                | 5,303.8               | 5,396.8               | 5,382.3               | 18.0             | 10.8          | 175.75                | 72.3                   | 64.1         | 751.7                  | 722.1                   | 29.57             | 25.423                      |                             |  |
| 5,500.0                                                                                | 5,400.2               | 5,493.0               | 5,475.1               | 18.5             | 11.0          | 174.13                | 96.9                   | 69.4         | 768.3                  | 738.2                   | 30.14             | 25.494                      |                             |  |
| 5,600.0                                                                                | 5,496.6               | 5,589.2               | 5,568.0               | 18.9             | 11.3          | 172.58                | 121.5                  | 74.7         | 785.6                  | 754.9                   | 30.70             | 25.589                      |                             |  |
| 5,700.0                                                                                | 5,593.0               | 5,685.4               | 5,660.8               | 19.4             | 11.5          | 171.09                | 146.2                  | 80.0         | 803.4                  | 772.2                   | 31.25             | 25.706                      |                             |  |
| 5,800.0                                                                                | 5,689.4               | 5,781.6               | 5,753.6               | 19.8             | 11.8          | 169.67                | 170.8                  | 85.3         | 821.8                  | 790.0                   | 31.80             | 25.841                      |                             |  |
| 5,900.0                                                                                | 5,785.8               | 5,877.8               | 5,846.5               | 20.3             | 12.1          | 168.31                | 195.4                  | 90.6         | 840.6                  | 808.2                   | 32.34             | 25.993                      |                             |  |
| 6,000.0                                                                                | 5,882.2               | 5,974.0               | 5,939.3               | 20.8             | 12.3          | 167.00                | 220.0                  | 95.9         | 859.9                  | 827.0                   | 32.87             | 26.159                      |                             |  |
| 6,100.0                                                                                | 5,978.6               | 6,070.2               | 6,032.1               | 21.3             | 12.6          | 165.75                | 244.6                  | 101.3        | 879.6                  | 846.2                   | 33.40             | 26.338                      |                             |  |
| 6,200.0                                                                                | 6,075.0               | 6,166.4               | 6,125.0               | 21.7             | 13.0          | 164.56                | 269.3                  | 106.6        | 899.7                  | 865.8                   | 33.92             | 26.526                      |                             |  |
| 6,300.0                                                                                | 6,171.3               | 6,262.5               | 6,217.8               | 22.2             | 13.3          | 163.41                | 293.9                  | 111.9        | 920.2                  | 885.7                   | 34.43             | 26.724                      |                             |  |
| 6,400.0                                                                                | 6,267.7               | 6,358.7               | 6,310.6               | 22.7             | 13.6          | 162.32                | 318.5                  | 117.2        | 941.0                  | 906.1                   | 34.94             | 26.928                      |                             |  |
| 6,500.0                                                                                | 6,364.1               | 6,454.9               | 6,403.5               | 23.2             | 13.9          | 161.27                | 343.1                  | 122.5        | 962.2                  | 926.7                   | 35.45             | 27.139                      |                             |  |
| 6,600.0                                                                                | 6,460.5               | 6,551.1               | 6,496.3               | 23.6             | 14.3          | 160.26                | 367.8                  | 127.8        | 983.6                  | 947.7                   | 35.96             | 27.354                      |                             |  |
| 6,614.6                                                                                | 6,474.6               | 6,565.1               | 6,509.8               | 23.7             | 14.3          | 160.12                | 371.3                  | 128.6        | 986.8                  | 950.8                   | 36.03             | 27.389                      |                             |  |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                                       |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|-------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - RED HILLS WEST 21 `BO` FEDERAL COM 1H - OWB - AWP |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <b>Offset Site Error:</b>    | 0.0 usft       |
| <b>Survey Program:</b> 100-r.5 MWD                                                                    |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <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>No-Go<br/>Distance<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> |                                      |                              |                |
| 8,600.0                                                                                               | 8,441.4                              | 13,756.8                             | 9,333.8                              | 30.0                        | 81.7                     | -96.33                               | 794.9                         | -1,321.3                | 963.6                                 | 894.1                                  | 69.48                                | 13.868                       |                |
| 8,700.0                                                                                               | 8,541.4                              | 13,754.0                             | 9,333.8                              | 30.0                        | 81.7                     | -95.89                               | 797.7                         | -1,321.4                | 871.8                                 | 800.2                                  | 71.64                                | 12.170                       |                |
| 8,800.0                                                                                               | 8,641.4                              | 13,751.2                             | 9,333.9                              | 30.0                        | 81.6                     | -95.45                               | 800.5                         | -1,321.5                | 782.0                                 | 707.6                                  | 74.45                                | 10.504                       |                |
| 8,900.0                                                                                               | 8,741.4                              | 13,748.4                             | 9,334.0                              | 30.1                        | 81.6                     | -95.01                               | 803.3                         | -1,321.7                | 695.0                                 | 616.8                                  | 78.15                                | 8.893                        |                |
| 9,000.0                                                                                               | 8,841.4                              | 13,745.6                             | 9,334.1                              | 30.1                        | 81.6                     | -94.57                               | 806.1                         | -1,321.8                | 612.0                                 | 528.9                                  | 83.07                                | 7.367                        |                |
| 9,100.0                                                                                               | 8,941.4                              | 13,742.8                             | 9,334.2                              | 30.2                        | 81.5                     | -94.13                               | 808.9                         | -1,321.9                | 534.7                                 | 445.2                                  | 89.50                                | 5.974                        |                |
| 9,200.0                                                                                               | 9,041.4                              | 13,740.0                             | 9,334.2                              | 30.2                        | 81.5                     | -93.69                               | 811.6                         | -1,322.0                | 466.2                                 | 368.6                                  | 97.62                                | 4.776                        |                |
| 9,300.0                                                                                               | 9,141.4                              | 13,737.2                             | 9,334.3                              | 30.2                        | 81.4                     | -93.25                               | 814.4                         | -1,322.1                | 410.8                                 | 304.0                                  | 106.84                               | 3.845                        |                |
| 9,400.0                                                                                               | 9,241.4                              | 13,734.4                             | 9,334.4                              | 30.3                        | 81.4                     | -92.81                               | 817.2                         | -1,322.2                | 374.4                                 | 259.3                                  | 115.12                               | 3.252                        |                |
| 9,493.1                                                                                               | 9,334.5                              | 13,731.8                             | 9,334.5                              | 30.3                        | 81.3                     | -92.40                               | 819.8                         | -1,322.4                | 362.7                                 | 243.7                                  | 119.00                               | 3.048 CC                     |                |
| 9,500.0                                                                                               | 9,341.4                              | 13,731.6                             | 9,334.5                              | 30.3                        | 81.3                     | -92.37                               | 820.0                         | -1,322.4                | 362.7                                 | 243.7                                  | 119.08                               | 3.046 ES, SF                 |                |
| 9,600.0                                                                                               | 9,441.4                              | 13,728.8                             | 9,334.6                              | 30.4                        | 81.3                     | -91.93                               | 822.8                         | -1,322.5                | 378.1                                 | 261.3                                  | 116.83                               | 3.236                        |                |
| 9,700.0                                                                                               | 9,541.4                              | 13,726.0                             | 9,334.6                              | 30.4                        | 81.2                     | -91.49                               | 825.6                         | -1,322.6                | 417.5                                 | 307.3                                  | 110.17                               | 3.790                        |                |
| 9,800.0                                                                                               | 9,641.4                              | 13,723.2                             | 9,334.7                              | 30.4                        | 81.2                     | -91.05                               | 828.4                         | -1,322.7                | 475.0                                 | 372.8                                  | 102.26                               | 4.645                        |                |
| 9,900.0                                                                                               | 9,741.4                              | 13,720.5                             | 9,334.8                              | 30.5                        | 81.1                     | -90.61                               | 831.2                         | -1,322.8                | 545.0                                 | 449.9                                  | 95.07                                | 5.732                        |                |
| 10,000.0                                                                                              | 9,841.4                              | 13,717.7                             | 9,334.9                              | 30.5                        | 81.1                     | -90.17                               | 833.9                         | -1,322.9                | 623.1                                 | 533.9                                  | 89.22                                | 6.984                        |                |
| 10,100.0                                                                                              | 9,941.4                              | 13,714.9                             | 9,334.9                              | 30.6                        | 81.1                     | -89.73                               | 836.7                         | -1,323.1                | 706.8                                 | 622.1                                  | 84.66                                | 8.349                        |                |
| 10,200.0                                                                                              | 10,041.4                             | 13,712.1                             | 9,335.0                              | 30.6                        | 81.0                     | -89.29                               | 839.5                         | -1,323.2                | 794.3                                 | 713.1                                  | 81.15                                | 9.787                        |                |
| 10,300.0                                                                                              | 10,141.4                             | 13,709.3                             | 9,335.1                              | 30.6                        | 81.0                     | -88.85                               | 842.3                         | -1,323.3                | 884.4                                 | 805.9                                  | 78.46                                | 11.271                       |                |
| 10,400.0                                                                                              | 10,241.4                             | 13,706.6                             | 9,335.2                              | 30.7                        | 80.9                     | -88.43                               | 845.0                         | -1,323.4                | 976.4                                 | 900.0                                  | 76.39                                | 12.782                       |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                                         |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                           |                |
|---------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - RED HILLS WEST 21 W0AP FEDERAL COM 003H - OWB - AWP |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 99-r.5 MWD                                                                       |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              | <b>Offset Well Error:</b> | 3.0 usft       |
| <b>Reference</b>                                                                                        |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      |                              | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                |                              | <b>Rule Assigned:</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>No-Go Distance (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| 11,775.0                                                                                                | 11,616.0                     | 16,565.1                     | 11,835.8                     | 31.1                    | 87.0                 | -100.35                      | 817.3                         | 12.5                | 998.2                         | 869.7                          | 128.46                       | 7.770                     |                |
| 11,800.0                                                                                                | 11,640.5                     | 16,569.2                     | 11,835.8                     | 31.0                    | 87.1                 | -100.64                      | 813.2                         | 12.4                | 993.8                         | 865.1                          | 128.61                       | 7.727                     |                |
| 11,825.0                                                                                                | 11,664.7                     | 16,574.5                     | 11,835.7                     | 31.0                    | 87.2                 | -100.77                      | 807.9                         | 12.4                | 990.2                         | 861.5                          | 128.72                       | 7.692                     |                |
| 11,850.0                                                                                                | 11,688.5                     | 16,580.9                     | 11,835.6                     | 30.9                    | 87.3                 | -100.74                      | 801.5                         | 12.4                | 987.4                         | 858.6                          | 128.80                       | 7.666                     |                |
| 11,875.0                                                                                                | 11,711.9                     | 16,588.5                     | 11,835.6                     | 30.8                    | 87.4                 | -100.55                      | 793.9                         | 12.3                | 985.5                         | 856.6                          | 128.86                       | 7.647                     |                |
| 11,900.0                                                                                                | 11,734.9                     | 16,597.2                     | 11,835.5                     | 30.8                    | 87.5                 | -100.22                      | 785.2                         | 12.3                | 984.3                         | 855.4                          | 128.90                       | 7.637                     |                |
| 11,925.0                                                                                                | 11,757.2                     | 16,606.9                     | 11,835.3                     | 30.7                    | 87.7                 | -99.75                       | 775.5                         | 12.2                | 984.0                         | 855.1                          | 128.91                       | 7.633 CC, ES, SF          |                |
| 11,925.0                                                                                                | 11,757.2                     | 16,606.9                     | 11,835.3                     | 30.7                    | 87.7                 | -99.75                       | 775.5                         | 12.2                | 984.0                         | 855.1                          | 128.91                       | 7.633                     |                |
| 11,950.0                                                                                                | 11,779.0                     | 16,617.8                     | 11,835.2                     | 30.6                    | 87.8                 | -99.16                       | 764.7                         | 12.2                | 984.3                         | 855.4                          | 128.90                       | 7.637                     |                |
| 11,975.0                                                                                                | 11,800.1                     | 16,629.6                     | 11,835.1                     | 30.6                    | 88.0                 | -98.44                       | 752.8                         | 12.2                | 985.4                         | 856.5                          | 128.87                       | 7.646                     |                |
| 12,000.0                                                                                                | 11,820.5                     | 16,642.4                     | 11,835.0                     | 30.5                    | 88.2                 | -97.62                       | 740.0                         | 12.2                | 987.1                         | 858.3                          | 128.84                       | 7.661                     |                |
| 12,025.0                                                                                                | 11,840.1                     | 16,657.7                     | 11,834.9                     | 30.5                    | 88.4                 | -96.64                       | 724.7                         | 12.2                | 989.4                         | 860.6                          | 128.85                       | 7.679                     |                |
| 12,050.0                                                                                                | 11,858.8                     | 16,675.2                     | 11,834.8                     | 30.4                    | 88.7                 | -95.54                       | 707.2                         | 12.1                | 992.2                         | 863.3                          | 128.90                       | 7.698                     |                |
| 12,075.0                                                                                                | 11,876.6                     | 16,693.8                     | 11,834.8                     | 30.3                    | 89.0                 | -94.37                       | 688.6                         | 12.1                | 995.5                         | 866.5                          | 128.96                       | 7.719                     |                |
| 12,100.0                                                                                                | 11,893.5                     | 16,713.5                     | 11,834.8                     | 30.3                    | 89.3                 | -93.15                       | 668.9                         | 12.0                | 999.1                         | 870.1                          | 129.04                       | 7.743                     |                |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWPO                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                                  |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      |                                         |          |
|--------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|----------------------|-----------------------------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - RED HILLS WEST 21 W0BO FEDERAL COM 004H - OWB - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | Offset Site Error:                      | 0.0 usft |
| Survey Program: 829-r.5 MWD                                                                      |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                      | 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) |                      |                                         |          |
| 11,000.0                                                                                         | 10,841.4                    | 16,538.9                    | 11,814.2                    | 30.9                | 85.4             | -91.94                      | 827.9                  | -1,169.6        | 995.1                        | 922.6                         | 72.52                | 13.723                                  |          |
| 11,100.0                                                                                         | 10,941.4                    | 16,537.9                    | 11,814.2                    | 31.0                | 85.4             | -91.66                      | 828.9                  | -1,169.5        | 897.6                        | 824.7                         | 72.96                | 12.302                                  |          |
| 11,200.0                                                                                         | 11,041.4                    | 16,536.9                    | 11,814.2                    | 31.0                | 85.4             | -91.39                      | 829.9                  | -1,169.5        | 800.7                        | 727.1                         | 73.58                | 10.882                                  |          |
| 11,300.0                                                                                         | 11,141.4                    | 16,535.9                    | 11,814.2                    | 31.1                | 85.4             | -91.12                      | 830.9                  | -1,169.5        | 704.7                        | 630.2                         | 74.48                | 9.461                                   |          |
| 11,400.0                                                                                         | 11,241.4                    | 16,534.9                    | 11,814.2                    | 31.1                | 85.4             | -90.85                      | 831.9                  | -1,169.5        | 609.9                        | 534.1                         | 75.86                | 8.040                                   |          |
| 11,500.0                                                                                         | 11,341.4                    | 16,533.9                    | 11,814.2                    | 31.2                | 85.4             | -90.59                      | 832.8                  | -1,169.5        | 517.2                        | 439.1                         | 78.11                | 6.621                                   |          |
| 11,600.0                                                                                         | 11,441.4                    | 16,533.0                    | 11,814.2                    | 31.2                | 85.4             | -90.33                      | 833.8                  | -1,169.5        | 427.7                        | 345.7                         | 81.95                | 5.219                                   |          |
| 11,692.1                                                                                         | 11,533.5                    | 16,532.1                    | 11,814.2                    | 31.2                | 85.3             | -90.10                      | 834.6                  | -1,169.5        | 350.3                        | 262.2                         | 88.07                | 3.977                                   |          |
| 11,700.0                                                                                         | 11,541.4                    | 16,532.1                    | 11,814.2                    | 31.2                | 85.3             | 82.24                       | 834.7                  | -1,169.5        | 344.0                        | 255.2                         | 88.75                | 3.876                                   |          |
| 11,725.0                                                                                         | 11,566.3                    | 16,533.0                    | 11,814.2                    | 31.2                | 85.4             | 85.77                       | 833.8                  | -1,169.5        | 324.4                        | 233.3                         | 91.15                | 3.559                                   |          |
| 11,750.0                                                                                         | 11,591.2                    | 16,535.1                    | 11,814.2                    | 31.1                | 85.4             | 88.62                       | 831.7                  | -1,169.5        | 305.6                        | 211.7                         | 93.88                | 3.255                                   |          |
| 11,775.0                                                                                         | 11,616.0                    | 16,538.5                    | 11,814.2                    | 31.1                | 85.4             | 90.80                       | 828.3                  | -1,169.5        | 287.6                        | 190.7                         | 96.96                | 2.967 Normal Operations                 |          |
| 11,800.0                                                                                         | 11,640.5                    | 16,543.1                    | 11,814.1                    | 31.0                | 85.5             | 92.30                       | 823.7                  | -1,169.6        | 270.8                        | 170.4                         | 100.38               | 2.697 Normal Operations                 |          |
| 11,825.0                                                                                         | 11,664.7                    | 16,549.0                    | 11,814.1                    | 31.0                | 85.6             | 93.12                       | 817.8                  | -1,169.7        | 255.1                        | 151.0                         | 104.11               | 2.451 Caution - Monitor Closely         |          |
| 11,850.0                                                                                         | 11,688.5                    | 16,555.9                    | 11,814.0                    | 30.9                | 85.7             | 93.37                       | 810.9                  | -1,169.8        | 241.0                        | 132.9                         | 108.07               | 2.230 Caution - Monitor Closely         |          |
| 11,875.0                                                                                         | 11,711.9                    | 16,564.0                    | 11,813.9                    | 30.8                | 85.8             | 92.99                       | 802.8                  | -1,169.9        | 228.5                        | 116.4                         | 112.14               | 2.038 Caution - Monitor Closely         |          |
| 11,900.0                                                                                         | 11,734.9                    | 16,573.3                    | 11,813.8                    | 30.8                | 86.0             | 92.01                       | 793.5                  | -1,170.0        | 217.9                        | 101.8                         | 116.15               | 1.876 Caution - Monitor Closely         |          |
| 11,925.0                                                                                         | 11,757.2                    | 16,583.7                    | 11,813.7                    | 30.7                | 86.1             | 90.47                       | 783.1                  | -1,170.2        | 209.4                        | 89.5                          | 119.89               | 1.746 Caution - Monitor Closely         |          |
| 11,950.0                                                                                         | 11,779.0                    | 16,595.2                    | 11,813.6                    | 30.6                | 86.3             | 88.39                       | 771.6                  | -1,170.4        | 202.9                        | 79.8                          | 123.13               | 1.648 Caution - Monitor Closely         |          |
| 11,975.0                                                                                         | 11,800.1                    | 16,607.8                    | 11,813.4                    | 30.6                | 86.5             | 85.82                       | 759.0                  | -1,170.7        | 198.6                        | 72.9                          | 125.67               | 1.580 Caution - Monitor Closely         |          |
| 12,000.0                                                                                         | 11,820.5                    | 16,621.4                    | 11,813.3                    | 30.5                | 86.7             | 82.81                       | 745.4                  | -1,171.0        | 196.4                        | 69.0                          | 127.38               | 1.542 Caution - Monitor Closely         |          |
| 12,015.9                                                                                         | 11,833.0                    | 16,630.6                    | 11,813.1                    | 30.5                | 86.9             | 80.71                       | 736.2                  | -1,171.3        | 196.0                        | 68.0                          | 128.01               | 1.531 Caution - Monitor Closely, CC     |          |
| 12,025.0                                                                                         | 11,840.1                    | 16,636.0                    | 11,813.1                    | 30.5                | 86.9             | 79.44                       | 730.8                  | -1,171.4        | 196.2                        | 67.9                          | 128.22               | 1.530 Caution - Monitor Closely, ES, SF |          |
| 12,050.0                                                                                         | 11,858.8                    | 16,652.2                    | 11,812.9                    | 30.4                | 87.2             | 75.69                       | 714.6                  | -1,171.9        | 197.6                        | 69.4                          | 128.26               | 1.541 Caution - Monitor Closely         |          |
| 12,075.0                                                                                         | 11,876.6                    | 16,669.9                    | 11,812.8                    | 30.3                | 87.5             | 71.66                       | 696.9                  | -1,172.4        | 200.4                        | 72.8                          | 127.63               | 1.571 Caution - Monitor Closely         |          |
| 12,100.0                                                                                         | 11,893.5                    | 16,688.8                    | 11,812.7                    | 30.3                | 87.8             | 67.58                       | 678.1                  | -1,172.9        | 204.3                        | 77.8                          | 126.51               | 1.615 Caution - Monitor Closely         |          |
| 12,125.0                                                                                         | 11,909.5                    | 16,708.7                    | 11,812.8                    | 30.2                | 88.1             | 63.57                       | 658.2                  | -1,173.5        | 208.9                        | 83.8                          | 125.07               | 1.670 Caution - Monitor Closely         |          |
| 12,150.0                                                                                         | 11,924.4                    | 16,729.6                    | 11,813.0                    | 30.2                | 88.4             | 59.71                       | 637.3                  | -1,174.0        | 213.8                        | 90.4                          | 123.47               | 1.732 Caution - Monitor Closely         |          |
| 12,175.0                                                                                         | 11,938.2                    | 16,751.4                    | 11,813.4                    | 30.2                | 88.7             | 56.11                       | 615.5                  | -1,174.5        | 218.9                        | 97.1                          | 121.82               | 1.797 Caution - Monitor Closely         |          |
| 12,200.0                                                                                         | 11,950.9                    | 16,773.8                    | 11,814.0                    | 30.1                | 89.1             | 52.85                       | 593.1                  | -1,175.1        | 223.8                        | 103.6                         | 120.22               | 1.862 Caution - Monitor Closely         |          |
| 12,225.0                                                                                         | 11,962.4                    | 16,796.0                    | 11,814.5                    | 30.1                | 89.4             | 49.98                       | 570.9                  | -1,175.6        | 228.5                        | 109.8                         | 118.73               | 1.925 Caution - Monitor Closely         |          |
| 12,250.0                                                                                         | 11,972.8                    | 16,815.0                    | 11,815.0                    | 30.1                | 89.7             | 47.76                       | 551.9                  | -1,176.1        | 232.8                        | 115.4                         | 117.41               | 1.983 Caution - Monitor Closely         |          |
| 12,275.0                                                                                         | 11,982.0                    | 16,815.0                    | 11,815.0                    | 30.1                | 89.7             | 47.29                       | 551.9                  | -1,176.1        | 238.1                        | 122.0                         | 116.05               | 2.051 Caution - Monitor Closely         |          |
| 12,300.0                                                                                         | 11,990.0                    | 16,815.0                    | 11,815.0                    | 30.0                | 89.7             | 46.66                       | 551.9                  | -1,176.1        | 244.9                        | 130.9                         | 114.05               | 2.147 Caution - Monitor Closely         |          |
| 12,325.0                                                                                         | 11,996.7                    | 16,815.0                    | 11,815.0                    | 30.0                | 89.7             | 45.90                       | 551.9                  | -1,176.1        | 253.2                        | 141.7                         | 111.55               | 2.270 Caution - Monitor Closely         |          |
| 12,350.0                                                                                         | 12,002.1                    | 16,815.0                    | 11,815.0                    | 30.0                | 89.7             | 45.01                       | 551.9                  | -1,176.1        | 262.8                        | 154.2                         | 108.67               | 2.419 Caution - Monitor Closely         |          |
| 12,375.0                                                                                         | 12,006.3                    | 16,815.0                    | 11,815.0                    | 30.0                | 89.7             | 44.01                       | 551.9                  | -1,176.1        | 273.6                        | 168.0                         | 105.54               | 2.592 Normal Operations                 |          |
| 12,400.0                                                                                         | 12,009.1                    | 16,815.0                    | 11,815.0                    | 30.0                | 89.7             | 42.91                       | 551.9                  | -1,176.1        | 285.3                        | 183.0                         | 102.28               | 2.790 Normal Operations                 |          |
| 12,425.0                                                                                         | 12,010.7                    | 16,815.0                    | 11,815.0                    | 30.1                | 89.7             | 41.74                       | 551.9                  | -1,176.1        | 297.9                        | 198.9                         | 98.95                | 3.010                                   |          |
| 12,442.1                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.1                | 89.7             | 40.89                       | 551.9                  | -1,176.1        | 306.9                        | 210.2                         | 96.67                | 3.175                                   |          |
| 12,500.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.1                | 89.7             | 40.23                       | 551.9                  | -1,176.1        | 341.7                        | 252.4                         | 89.29                | 3.827                                   |          |
| 12,600.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.2                | 89.7             | 38.53                       | 551.9                  | -1,176.1        | 415.3                        | 336.2                         | 79.03                | 5.255                                   |          |
| 12,700.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.4                | 89.7             | 36.05                       | 551.9                  | -1,176.1        | 499.2                        | 427.1                         | 72.10                | 6.924                                   |          |
| 12,800.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.5                | 89.7             | 32.65                       | 551.9                  | -1,176.1        | 589.1                        | 521.5                         | 67.60                | 8.714                                   |          |
| 12,900.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.7                | 89.7             | 28.16                       | 551.9                  | -1,176.1        | 682.4                        | 617.7                         | 64.67                | 10.551                                  |          |
| 12,905.2                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.7                | 89.7             | 27.89                       | 551.9                  | -1,176.1        | 687.3                        | 622.7                         | 64.55                | 10.647                                  |          |
| 13,000.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 30.9                | 89.7             | 27.89                       | 551.9                  | -1,176.1        | 777.6                        | 715.0                         | 62.65                | 12.412                                  |          |
| 13,100.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 31.1                | 89.7             | 27.89                       | 551.9                  | -1,176.1        | 873.9                        | 812.8                         | 61.12                | 14.299                                  |          |
| 13,200.0                                                                                         | 12,011.0                    | 16,815.0                    | 11,815.0                    | 31.3                | 89.7             | 27.89                       | 551.9                  | -1,176.1        | 971.0                        | 911.1                         | 59.94                | 16.200                                  |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                                         |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                                 |                |
|---------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|---------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - RED HILLS WEST 21 W1BO FEDERAL COM 003H - OWB - AWP |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <b>Offset Site Error:</b>       | 0.0 usft       |
| <b>Survey Program:</b> 100-r.5 MWD                                                                      |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <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>No-Go<br/>Distance<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> |                                      |                                 |                |
| 11,300.0                                                                                                | 11,141.4                             | 16,779.7                             | 12,091.6                             | 31.1                        | 84.3                     | 83.51                                | 862.2                         | -720.6                  | 980.3                                 | 905.2                                  | 75.09                                | 13.054                          |                |
| 11,400.0                                                                                                | 11,241.4                             | 16,782.9                             | 12,091.7                             | 31.1                        | 84.4                     | 84.27                                | 859.0                         | -720.7                  | 883.7                                 | 807.8                                  | 75.87                                | 11.648                          |                |
| 11,500.0                                                                                                | 11,341.4                             | 16,786.2                             | 12,091.9                             | 31.2                        | 84.4                     | 85.06                                | 855.7                         | -720.9                  | 787.9                                 | 711.0                                  | 76.90                                | 10.247                          |                |
| 11,600.0                                                                                                | 11,441.4                             | 16,789.6                             | 12,092.0                             | 31.2                        | 84.5                     | 85.86                                | 852.3                         | -721.0                  | 693.4                                 | 615.0                                  | 78.32                                | 8.852                           |                |
| 11,692.1                                                                                                | 11,533.5                             | 16,792.8                             | 12,092.1                             | 31.2                        | 84.5                     | 86.61                                | 849.1                         | -721.1                  | 607.7                                 | 527.5                                  | 80.20                                | 7.577                           |                |
| 11,700.0                                                                                                | 11,541.4                             | 16,793.1                             | 12,092.1                             | 31.2                        | 84.5                     | -104.33                              | 848.8                         | -721.1                  | 600.5                                 | 520.1                                  | 80.40                                | 7.469                           |                |
| 11,725.0                                                                                                | 11,566.3                             | 16,794.9                             | 12,092.2                             | 31.2                        | 84.5                     | -110.17                              | 847.0                         | -721.1                  | 577.8                                 | 496.7                                  | 81.08                                | 7.126                           |                |
| 11,750.0                                                                                                | 11,591.2                             | 16,797.9                             | 12,092.3                             | 31.1                        | 84.6                     | -115.05                              | 844.0                         | -721.2                  | 555.4                                 | 473.6                                  | 81.85                                | 6.786                           |                |
| 11,775.0                                                                                                | 11,616.0                             | 16,802.0                             | 12,092.5                             | 31.1                        | 84.6                     | -119.05                              | 839.9                         | -721.4                  | 533.6                                 | 450.8                                  | 82.73                                | 6.450                           |                |
| 11,800.0                                                                                                | 11,640.5                             | 16,807.3                             | 12,092.7                             | 31.0                        | 84.7                     | -122.26                              | 834.7                         | -721.5                  | 512.3                                 | 428.6                                  | 83.72                                | 6.119                           |                |
| 11,825.0                                                                                                | 11,664.7                             | 16,813.7                             | 12,093.0                             | 31.0                        | 84.8                     | -124.80                              | 828.3                         | -721.7                  | 491.7                                 | 406.8                                  | 84.83                                | 5.796                           |                |
| 11,850.0                                                                                                | 11,688.5                             | 16,821.3                             | 12,093.3                             | 30.9                        | 84.9                     | -126.76                              | 820.7                         | -721.9                  | 471.8                                 | 385.7                                  | 86.08                                | 5.481                           |                |
| 11,875.0                                                                                                | 11,711.9                             | 16,833.0                             | 12,093.8                             | 30.8                        | 85.1                     | -127.75                              | 809.0                         | -722.1                  | 452.8                                 | 365.2                                  | 87.58                                | 5.170                           |                |
| 11,900.0                                                                                                | 11,734.9                             | 16,841.0                             | 12,094.1                             | 30.8                        | 85.2                     | -129.05                              | 801.0                         | -722.3                  | 434.7                                 | 345.7                                  | 89.06                                | 4.881                           |                |
| 11,925.0                                                                                                | 11,757.2                             | 16,854.0                             | 12,094.7                             | 30.7                        | 85.4                     | -129.42                              | 788.0                         | -722.6                  | 417.7                                 | 326.8                                  | 90.82                                | 4.599                           |                |
| 11,950.0                                                                                                | 11,779.0                             | 16,868.0                             | 12,095.2                             | 30.6                        | 85.7                     | -129.48                              | 774.0                         | -723.0                  | 401.6                                 | 308.9                                  | 92.73                                | 4.331                           |                |
| 11,975.0                                                                                                | 11,800.1                             | 16,883.2                             | 12,095.8                             | 30.6                        | 85.9                     | -129.24                              | 758.8                         | -723.4                  | 386.7                                 | 292.0                                  | 94.78                                | 4.080                           |                |
| 12,000.0                                                                                                | 11,820.5                             | 16,899.5                             | 12,096.4                             | 30.5                        | 86.1                     | -128.75                              | 742.6                         | -723.9                  | 373.0                                 | 276.1                                  | 96.96                                | 3.847                           |                |
| 12,025.0                                                                                                | 11,840.1                             | 16,916.7                             | 12,097.0                             | 30.5                        | 86.4                     | -128.03                              | 725.4                         | -724.4                  | 360.5                                 | 261.3                                  | 99.24                                | 3.633                           |                |
| 12,050.0                                                                                                | 11,858.8                             | 16,935.6                             | 12,097.7                             | 30.4                        | 86.7                     | -127.03                              | 706.5                         | -725.1                  | 349.2                                 | 247.6                                  | 101.62                               | 3.437                           |                |
| 12,075.0                                                                                                | 11,876.6                             | 16,956.6                             | 12,098.2                             | 30.3                        | 87.0                     | -125.71                              | 685.5                         | -725.9                  | 339.1                                 | 235.0                                  | 104.06                               | 3.258                           |                |
| 12,100.0                                                                                                | 11,893.5                             | 16,978.4                             | 12,098.7                             | 30.3                        | 87.3                     | -124.26                              | 663.8                         | -726.9                  | 330.1                                 | 223.6                                  | 106.51                               | 3.099                           |                |
| 12,125.0                                                                                                | 11,909.5                             | 17,000.8                             | 12,099.0                             | 30.2                        | 87.7                     | -122.69                              | 641.4                         | -728.1                  | 322.2                                 | 213.3                                  | 108.93                               | 2.958 Normal Operations         |                |
| 12,150.0                                                                                                | 11,924.4                             | 17,024.0                             | 12,099.1                             | 30.2                        | 88.0                     | -121.03                              | 618.2                         | -729.4                  | 315.3                                 | 204.1                                  | 111.28                               | 2.834 Normal Operations         |                |
| 12,175.0                                                                                                | 11,938.2                             | 17,043.7                             | 12,099.1                             | 30.2                        | 88.4                     | -119.71                              | 598.5                         | -730.6                  | 309.6                                 | 196.1                                  | 113.48                               | 2.728 Normal Operations         |                |
| 12,200.0                                                                                                | 11,950.9                             | 17,065.2                             | 12,099.2                             | 30.1                        | 88.7                     | -118.21                              | 577.1                         | -731.9                  | 305.0                                 | 189.5                                  | 115.59                               | 2.639 Normal Operations         |                |
| 12,225.0                                                                                                | 11,962.4                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -116.89                              | 557.3                         | -733.1                  | 301.5                                 | 184.0                                  | 117.53                               | 2.566 Normal Operations         |                |
| 12,250.0                                                                                                | 11,972.8                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -117.05                              | 557.3                         | -733.1                  | 300.0                                 | 181.1                                  | 118.85                               | 2.524 Normal Operations         |                |
| 12,251.8                                                                                                | 11,973.5                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -117.05                              | 557.3                         | -733.1                  | 300.0                                 | 181.1                                  | 118.92                               | 2.523 Normal Operations, CC, ES |                |
| 12,275.0                                                                                                | 11,982.0                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -116.93                              | 557.3                         | -733.1                  | 301.1                                 | 181.7                                  | 119.46                               | 2.521 Normal Operations, SF     |                |
| 12,300.0                                                                                                | 11,990.0                             | 17,085.0                             | 12,099.3                             | 30.0                        | 89.0                     | -116.52                              | 557.3                         | -733.1                  | 304.9                                 | 185.6                                  | 119.34                               | 2.555 Normal Operations         |                |
| 12,325.0                                                                                                | 11,996.7                             | 17,085.0                             | 12,099.3                             | 30.0                        | 89.0                     | -115.81                              | 557.3                         | -733.1                  | 311.2                                 | 192.7                                  | 118.53                               | 2.626 Normal Operations         |                |
| 12,350.0                                                                                                | 12,002.1                             | 17,085.0                             | 12,099.3                             | 30.0                        | 89.0                     | -114.81                              | 557.3                         | -733.1                  | 319.9                                 | 202.8                                  | 117.11                               | 2.732 Normal Operations         |                |
| 12,375.0                                                                                                | 12,006.3                             | 17,085.0                             | 12,099.3                             | 30.0                        | 89.0                     | -113.49                              | 557.3                         | -733.1                  | 330.7                                 | 215.5                                  | 115.20                               | 2.871 Normal Operations         |                |
| 12,400.0                                                                                                | 12,009.1                             | 17,085.0                             | 12,099.3                             | 30.0                        | 89.0                     | -111.85                              | 557.3                         | -733.1                  | 343.5                                 | 230.6                                  | 112.94                               | 3.041                           |                |
| 12,425.0                                                                                                | 12,010.7                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -109.86                              | 557.3                         | -733.1                  | 358.0                                 | 247.5                                  | 110.44                               | 3.241                           |                |
| 12,442.1                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -108.29                              | 557.3                         | -733.1                  | 368.7                                 | 260.0                                  | 108.66                               | 3.393                           |                |
| 12,500.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.1                        | 89.0                     | -107.96                              | 557.3                         | -733.1                  | 408.1                                 | 305.5                                  | 102.63                               | 3.977                           |                |
| 12,600.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.2                        | 89.0                     | -107.26                              | 557.3                         | -733.1                  | 483.5                                 | 390.3                                  | 93.20                                | 5.187                           |                |
| 12,700.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.4                        | 89.0                     | -106.45                              | 557.3                         | -733.1                  | 564.7                                 | 479.3                                  | 85.39                                | 6.614                           |                |
| 12,800.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.5                        | 89.0                     | -105.56                              | 557.3                         | -733.1                  | 649.6                                 | 570.6                                  | 79.03                                | 8.220                           |                |
| 12,900.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.7                        | 89.0                     | -104.64                              | 557.3                         | -733.1                  | 736.8                                 | 662.9                                  | 73.84                                | 9.978                           |                |
| 12,905.2                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.7                        | 89.0                     | -104.59                              | 557.3                         | -733.1                  | 741.4                                 | 667.8                                  | 73.60                                | 10.073                          |                |
| 13,000.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 30.9                        | 89.0                     | -104.59                              | 557.3                         | -733.1                  | 826.1                                 | 756.4                                  | 69.69                                | 11.855                          |                |
| 13,100.0                                                                                                | 12,011.0                             | 17,085.0                             | 12,099.3                             | 31.1                        | 89.0                     | -104.59                              | 557.3                         | -733.1                  | 917.7                                 | 851.2                                  | 66.47                                | 13.805                          |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                      |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          |                                    |
|--------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 1H - OWB - AWP |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 797-r.5 MWD                                                   |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          | <b>Offset Well Error:</b> 0.0 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>No-Go Distance (usft)</b> | <b>Separation Factor</b> |                                    |
| 0.0                                                                                  | 0.0                          | 0.0                          | 10.0                         | 3.0                     | 0.0                  | 131.02                       | -150.7              | 173.3               | 229.9                         |                                |                              |                          |                                    |
| 100.0                                                                                | 100.0                        | 90.7                         | 100.7                        | 3.1                     | 4.1                  | 130.97                       | -150.5              | 173.3               | 229.5                         | 221.5                          | 8.01                         | 28.654                   |                                    |
| 200.0                                                                                | 200.0                        | 191.5                        | 201.5                        | 3.3                     | 8.7                  | 130.79                       | -149.6              | 173.4               | 229.0                         | 215.2                          | 13.82                        | 16.573                   |                                    |
| 300.0                                                                                | 300.0                        | 292.3                        | 302.3                        | 3.5                     | 13.3                 | 130.48                       | -148.1              | 173.5               | 228.1                         | 208.1                          | 20.00                        | 11.405                   |                                    |
| 400.0                                                                                | 400.0                        | 393.1                        | 403.1                        | 3.8                     | 17.9                 | 130.04                       | -146.0              | 173.7               | 227.0                         | 200.7                          | 26.29                        | 8.632                    |                                    |
| 500.0                                                                                | 500.0                        | 493.9                        | 503.8                        | 4.0                     | 22.5                 | 129.47                       | -143.3              | 174.0               | 225.4                         | 192.8                          | 32.62                        | 6.910                    |                                    |
| 600.0                                                                                | 600.0                        | 594.6                        | 604.4                        | 4.1                     | 27.0                 | 128.75                       | -139.9              | 174.3               | 223.6                         | 184.6                          | 38.97                        | 5.737                    |                                    |
| 700.0                                                                                | 700.0                        | 695.2                        | 705.0                        | 4.3                     | 31.6                 | 127.89                       | -136.0              | 174.7               | 221.5                         | 176.1                          | 45.33                        | 4.886                    |                                    |
| 800.0                                                                                | 800.0                        | 795.8                        | 805.5                        | 4.5                     | 36.2                 | 126.87                       | -131.4              | 175.2               | 219.1                         | 167.5                          | 51.54                        | 4.251                    |                                    |
| 852.9                                                                                | 852.9                        | 843.2                        | 852.9                        | 4.6                     | 36.3                 | 126.37                       | -129.5              | 175.8               | 218.4                         | 166.8                          | 51.63                        | 4.230 CC, ES, SF         |                                    |
| 900.0                                                                                | 900.0                        | 888.0                        | 897.6                        | 4.7                     | 36.3                 | 125.95                       | -128.5              | 177.2               | 219.0                         | 167.3                          | 51.65                        | 4.239                    |                                    |
| 1,000.0                                                                              | 1,000.0                      | 983.3                        | 992.9                        | 4.8                     | 36.3                 | 125.26                       | -128.0              | 181.0               | 221.8                         | 170.1                          | 51.66                        | 4.293                    |                                    |
| 1,100.0                                                                              | 1,100.0                      | 1,083.7                      | 1,093.2                      | 5.0                     | 36.3                 | 124.78                       | -128.2              | 184.6               | 224.9                         | 173.2                          | 51.72                        | 4.348                    |                                    |
| 1,200.0                                                                              | 1,200.0                      | 1,184.5                      | 1,194.0                      | 5.2                     | 36.3                 | 124.50                       | -128.9              | 187.6               | 227.7                         | 175.9                          | 51.78                        | 4.398                    |                                    |
| 1,300.0                                                                              | 1,300.0                      | 1,285.3                      | 1,294.7                      | 5.3                     | 36.4                 | 124.37                       | -129.9              | 190.0               | 230.2                         | 178.4                          | 51.85                        | 4.440                    |                                    |
| 1,400.0                                                                              | 1,400.0                      | 1,386.3                      | 1,395.6                      | 5.5                     | 36.4                 | 124.39                       | -131.2              | 191.7               | 232.3                         | 180.4                          | 51.93                        | 4.473                    |                                    |
| 1,500.0                                                                              | 1,500.0                      | 1,486.7                      | 1,496.1                      | 5.6                     | 36.4                 | 124.51                       | -132.6              | 192.9               | 234.1                         | 182.1                          | 52.00                        | 4.503                    |                                    |
| 1,600.0                                                                              | 1,600.0                      | 1,587.8                      | 1,597.1                      | 5.8                     | 36.4                 | 124.71                       | -134.1              | 193.6               | 235.5                         | 183.5                          | 52.07                        | 4.524                    |                                    |
| 1,700.0                                                                              | 1,700.0                      | 1,689.1                      | 1,698.4                      | 5.9                     | 36.5                 | 124.99                       | -135.6              | 193.8               | 236.6                         | 184.4                          | 52.14                        | 4.537                    |                                    |
| 1,800.0                                                                              | 1,800.0                      | 1,790.9                      | 1,800.2                      | 6.0                     | 36.5                 | 125.38                       | -137.1              | 193.1               | 236.8                         | 184.6                          | 52.21                        | 4.536                    |                                    |
| 1,900.0                                                                              | 1,900.0                      | 1,891.9                      | 1,901.2                      | 6.2                     | 36.5                 | 125.95                       | -138.8              | 191.5               | 236.5                         | 184.2                          | 52.27                        | 4.524                    |                                    |
| 2,000.0                                                                              | 2,000.0                      | 1,992.7                      | 2,001.9                      | 6.3                     | 36.5                 | 126.67                       | -140.8              | 189.2               | 235.8                         | 183.5                          | 52.33                        | 4.507                    |                                    |
| 2,081.3                                                                              | 2,081.3                      | 2,074.0                      | 2,083.2                      | 6.5                     | 36.5                 | 112.43                       | -142.3              | 187.2               | 235.5                         | 183.1                          | 52.37                        | 4.496                    |                                    |
| 2,100.0                                                                              | 2,100.0                      | 2,092.6                      | 2,101.8                      | 6.5                     | 36.5                 | 112.65                       | -142.6              | 186.8               | 235.5                         | 183.1                          | 52.38                        | 4.496                    |                                    |
| 2,200.0                                                                              | 2,199.9                      | 2,193.0                      | 2,202.2                      | 6.7                     | 36.5                 | 114.15                       | -144.1              | 184.5               | 236.2                         | 183.8                          | 52.44                        | 4.505                    |                                    |
| 2,300.0                                                                              | 2,299.7                      | 2,293.3                      | 2,302.4                      | 6.9                     | 36.5                 | 116.09                       | -145.1              | 182.3               | 238.0                         | 185.5                          | 52.50                        | 4.533                    |                                    |
| 2,333.3                                                                              | 2,332.9                      | 2,326.7                      | 2,335.8                      | 6.9                     | 36.5                 | 116.85                       | -145.4              | 181.5               | 238.8                         | 186.3                          | 52.51                        | 4.548                    |                                    |
| 2,400.0                                                                              | 2,399.3                      | 2,393.3                      | 2,402.4                      | 7.0                     | 36.6                 | 132.85                       | -146.0              | 179.9               | 241.4                         | 188.8                          | 52.54                        | 4.594                    |                                    |
| 2,500.0                                                                              | 2,498.8                      | 2,493.2                      | 2,502.2                      | 7.2                     | 36.6                 | 152.26                       | -146.9              | 177.1               | 248.1                         | 195.5                          | 52.61                        | 4.715                    |                                    |
| 2,600.0                                                                              | 2,598.1                      | 2,591.8                      | 2,600.8                      | 7.4                     | 36.6                 | 165.78                       | -147.9              | 174.3               | 258.2                         | 205.5                          | 52.69                        | 4.900                    |                                    |
| 2,700.0                                                                              | 2,697.0                      | 2,690.0                      | 2,699.0                      | 7.6                     | 36.6                 | 174.98                       | -149.0              | 171.8               | 271.8                         | 219.0                          | 52.78                        | 5.150                    |                                    |
| 2,800.0                                                                              | 2,795.4                      | 2,788.0                      | 2,796.9                      | 7.9                     | 36.6                 | -178.75                      | -149.9              | 169.7               | 288.7                         | 235.8                          | 52.88                        | 5.459                    |                                    |
| 2,900.0                                                                              | 2,893.3                      | 2,884.6                      | 2,893.5                      | 8.2                     | 36.6                 | -174.45                      | -150.7              | 168.2               | 308.9                         | 255.9                          | 52.99                        | 5.829                    |                                    |
| 3,000.0                                                                              | 2,990.4                      | 2,978.3                      | 2,987.2                      | 8.5                     | 36.7                 | -171.61                      | -151.5              | 168.0               | 332.9                         | 279.8                          | 53.09                        | 6.270                    |                                    |
| 3,040.0                                                                              | 3,029.0                      | 3,014.9                      | 3,023.8                      | 8.6                     | 36.7                 | -170.80                      | -151.7              | 168.4               | 343.6                         | 290.5                          | 53.12                        | 6.469                    |                                    |
| 3,100.0                                                                              | 3,086.8                      | 3,069.5                      | 3,078.4                      | 8.7                     | 36.7                 | -171.30                      | -152.0              | 169.6               | 360.6                         | 307.4                          | 53.16                        | 6.782                    |                                    |
| 3,200.0                                                                              | 3,183.2                      | 3,165.6                      | 3,174.4                      | 9.0                     | 36.7                 | -172.30                      | -151.8              | 173.1               | 389.2                         | 335.9                          | 53.29                        | 7.304                    |                                    |
| 3,300.0                                                                              | 3,279.6                      | 3,263.3                      | 3,272.0                      | 9.3                     | 36.7                 | -173.38                      | -150.5              | 177.4               | 417.6                         | 364.2                          | 53.43                        | 7.816                    |                                    |
| 3,400.0                                                                              | 3,376.0                      | 3,359.7                      | 3,368.3                      | 9.7                     | 36.7                 | -174.39                      | -148.4              | 181.9               | 445.8                         | 392.2                          | 53.57                        | 8.321                    |                                    |
| 3,500.0                                                                              | 3,472.4                      | 3,459.0                      | 3,467.5                      | 10.0                    | 36.8                 | -175.29                      | -146.1              | 186.1               | 473.7                         | 419.9                          | 53.74                        | 8.814                    |                                    |
| 3,600.0                                                                              | 3,568.8                      | 3,557.9                      | 3,566.3                      | 10.4                    | 36.8                 | -175.91                      | -144.4              | 188.7               | 501.0                         | 447.1                          | 53.91                        | 9.293                    |                                    |
| 3,700.0                                                                              | 3,665.2                      | 3,655.8                      | 3,664.3                      | 10.7                    | 36.8                 | -176.34                      | -143.1              | 190.2               | 527.8                         | 473.7                          | 54.08                        | 9.759                    |                                    |
| 3,800.0                                                                              | 3,761.6                      | 3,741.0                      | 3,749.4                      | 11.1                    | 36.8                 | -176.66                      | -142.6              | 191.9               | 555.3                         | 501.1                          | 54.21                        | 10.245                   |                                    |
| 3,900.0                                                                              | 3,858.0                      | 3,831.8                      | 3,840.2                      | 11.5                    | 36.9                 | -176.98                      | -142.9              | 194.7               | 584.3                         | 529.9                          | 54.37                        | 10.747                   |                                    |
| 4,000.0                                                                              | 3,954.4                      | 3,926.8                      | 3,935.1                      | 11.9                    | 36.9                 | -177.28                      | -143.6              | 198.0               | 613.9                         | 559.3                          | 54.57                        | 11.250                   |                                    |
| 4,100.0                                                                              | 4,050.8                      | 4,013.5                      | 4,021.7                      | 12.3                    | 36.9                 | -177.50                      | -144.9              | 201.3               | 644.1                         | 589.4                          | 54.73                        | 11.770                   |                                    |
| 4,200.0                                                                              | 4,147.1                      | 4,102.3                      | 4,110.4                      | 12.7                    | 37.0                 | -177.68                      | -147.0              | 205.3               | 675.5                         | 620.6                          | 54.91                        | 12.303                   |                                    |
| 4,300.0                                                                              | 4,243.5                      | 4,202.5                      | 4,210.4                      | 13.1                    | 37.0                 | -177.76                      | -150.6              | 209.2               | 707.2                         | 652.0                          | 55.19                        | 12.814                   |                                    |
| 4,400.0                                                                              | 4,339.9                      | 4,306.0                      | 4,313.8                      | 13.6                    | 37.0                 | -177.80                      | -153.9              | 212.1               | 737.9                         | 682.4                          | 55.48                        | 13.298                   |                                    |
| 4,500.0                                                                              | 4,436.3                      | 4,415.1                      | 4,423.0                      | 14.0                    | 37.1                 | -177.91                      | -155.6              | 214.3               | 766.9                         | 711.1                          | 55.81                        | 13.741                   |                                    |
| 4,600.0                                                                              | 4,532.7                      | 4,511.5                      | 4,519.3                      | 14.4                    | 37.1                 | -177.96                      | -156.9              | 215.5               | 795.2                         | 739.1                          | 56.08                        | 14.179                   |                                    |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                               |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                    |          |
|-------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 1H - OWB - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 797-r.5 MWD                                                   |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Well Error: | 0.0 usft |
| Reference                                                                     |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned:              |                      |                    |          |
| 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) | No-Go<br>Distance<br>(usft) | Separation<br>Factor | Warning            |          |
| 4,700.0                                                                       | 4,629.1                     | 4,610.6                     | 4,618.4                     | 14.8                | 37.2             | -178.00                     | -158.1                 | 216.3           | 823.2                        | 766.9                         | 56.37                       | 14.603               |                    |          |
| 4,800.0                                                                       | 4,725.5                     | 4,707.8                     | 4,715.6                     | 15.3                | 37.2             | -178.04                     | -159.2                 | 216.9           | 851.0                        | 794.4                         | 56.66                       | 15.020               |                    |          |
| 4,900.0                                                                       | 4,821.9                     | 4,803.6                     | 4,811.4                     | 15.7                | 37.2             | -178.07                     | -160.2                 | 217.5           | 878.8                        | 821.8                         | 56.95                       | 15.429               |                    |          |
| 5,000.0                                                                       | 4,918.3                     | 4,896.7                     | 4,904.5                     | 16.2                | 37.3             | -178.11                     | -161.3                 | 218.3           | 906.7                        | 849.5                         | 57.24                       | 15.840               |                    |          |
| 5,100.0                                                                       | 5,014.7                     | 4,995.7                     | 5,003.5                     | 16.6                | 37.3             | -178.14                     | -162.4                 | 219.1           | 934.6                        | 877.0                         | 57.57                       | 16.235               |                    |          |
| 5,200.0                                                                       | 5,111.1                     | 5,089.1                     | 5,096.8                     | 17.1                | 37.4             | -178.16                     | -163.5                 | 219.8           | 962.5                        | 904.6                         | 57.87                       | 16.631               |                    |          |
| 5,300.0                                                                       | 5,207.4                     | 5,186.5                     | 5,194.2                     | 17.5                | 37.4             | -178.20                     | -164.6                 | 220.7           | 990.5                        | 932.3                         | 58.21                       | 17.016               |                    |          |

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

ConocoPhillips  
Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

| Offset Design: ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 1H - ST01 - AWP |                       |                       |                       |                  |               |                       |                        |              |                         |                         |                       |                             | Offset Site Error: 0.0 usft |  |
|--------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------|--------------|-------------------------|-------------------------|-----------------------|-----------------------------|-----------------------------|--|
| Survey Program: 797-r.5 MWD, 8616-r.5 MWD                                      |                       | Offset                |                       | Semi Major Axis  |               | Highside Toolface (°) | Offset Wellbore Centre |              | Rule Assigned: Distance |                         |                       | Offset Well Error: 0.0 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) | No-Go Distance (usft) | Separation Factor           | Warning                     |  |
| 0.0                                                                            | 0.0                   | 0.0                   | 10.0                  | 3.0              | 0.0           | 131.02                | -150.7                 | 173.3        | 229.9                   |                         |                       |                             |                             |  |
| 100.0                                                                          | 100.0                 | 90.7                  | 100.7                 | 3.1              | 4.1           | 130.97                | -150.5                 | 173.3        | 229.5                   | 221.5                   | 8.01                  | 28.654                      |                             |  |
| 200.0                                                                          | 200.0                 | 191.5                 | 201.5                 | 3.3              | 8.7           | 130.79                | -149.6                 | 173.4        | 229.0                   | 215.2                   | 13.82                 | 16.573                      |                             |  |
| 300.0                                                                          | 300.0                 | 292.3                 | 302.3                 | 3.5              | 13.3          | 130.48                | -148.1                 | 173.5        | 228.1                   | 208.1                   | 20.00                 | 11.405                      |                             |  |
| 400.0                                                                          | 400.0                 | 393.1                 | 403.1                 | 3.8              | 17.9          | 130.04                | -146.0                 | 173.7        | 227.0                   | 200.7                   | 26.29                 | 8.632                       |                             |  |
| 500.0                                                                          | 500.0                 | 493.9                 | 503.8                 | 4.0              | 22.5          | 129.47                | -143.3                 | 174.0        | 225.4                   | 192.8                   | 32.62                 | 6.910                       |                             |  |
| 600.0                                                                          | 600.0                 | 594.6                 | 604.4                 | 4.1              | 27.0          | 128.75                | -139.9                 | 174.3        | 223.6                   | 184.6                   | 38.97                 | 5.737                       |                             |  |
| 700.0                                                                          | 700.0                 | 695.2                 | 705.0                 | 4.3              | 31.6          | 127.89                | -136.0                 | 174.7        | 221.5                   | 176.1                   | 45.33                 | 4.886                       |                             |  |
| 800.0                                                                          | 800.0                 | 795.8                 | 805.5                 | 4.5              | 36.2          | 126.87                | -131.4                 | 175.2        | 219.1                   | 167.5                   | 51.54                 | 4.251                       |                             |  |
| 852.9                                                                          | 852.9                 | 843.2                 | 852.9                 | 4.6              | 36.3          | 126.37                | -129.5                 | 175.8        | 218.4                   | 166.8                   | 51.63                 | 4.230 CC, ES, SF            |                             |  |
| 900.0                                                                          | 900.0                 | 888.0                 | 897.6                 | 4.7              | 36.3          | 125.95                | -128.5                 | 177.2        | 219.0                   | 167.3                   | 51.65                 | 4.239                       |                             |  |
| 1,000.0                                                                        | 1,000.0               | 983.3                 | 992.9                 | 4.8              | 36.3          | 125.26                | -128.0                 | 181.0        | 221.8                   | 170.1                   | 51.66                 | 4.293                       |                             |  |
| 1,100.0                                                                        | 1,100.0               | 1,083.7               | 1,093.2               | 5.0              | 36.3          | 124.78                | -128.2                 | 184.6        | 224.9                   | 173.2                   | 51.72                 | 4.348                       |                             |  |
| 1,200.0                                                                        | 1,200.0               | 1,184.5               | 1,194.0               | 5.2              | 36.3          | 124.50                | -128.9                 | 187.6        | 227.7                   | 175.9                   | 51.78                 | 4.398                       |                             |  |
| 1,300.0                                                                        | 1,300.0               | 1,285.3               | 1,294.7               | 5.3              | 36.4          | 124.37                | -129.9                 | 190.0        | 230.2                   | 178.4                   | 51.85                 | 4.440                       |                             |  |
| 1,400.0                                                                        | 1,400.0               | 1,386.3               | 1,395.6               | 5.5              | 36.4          | 124.39                | -131.2                 | 191.7        | 232.3                   | 180.4                   | 51.93                 | 4.473                       |                             |  |
| 1,500.0                                                                        | 1,500.0               | 1,486.7               | 1,496.1               | 5.6              | 36.4          | 124.51                | -132.6                 | 192.9        | 234.1                   | 182.1                   | 52.00                 | 4.503                       |                             |  |
| 1,600.0                                                                        | 1,600.0               | 1,587.8               | 1,597.1               | 5.8              | 36.4          | 124.71                | -134.1                 | 193.6        | 235.5                   | 183.5                   | 52.07                 | 4.524                       |                             |  |
| 1,700.0                                                                        | 1,700.0               | 1,689.1               | 1,698.4               | 5.9              | 36.5          | 124.99                | -135.6                 | 193.8        | 236.6                   | 184.4                   | 52.14                 | 4.537                       |                             |  |
| 1,800.0                                                                        | 1,800.0               | 1,790.9               | 1,800.2               | 6.0              | 36.5          | 125.38                | -137.1                 | 193.1        | 236.8                   | 184.6                   | 52.21                 | 4.536                       |                             |  |
| 1,900.0                                                                        | 1,900.0               | 1,891.9               | 1,901.2               | 6.2              | 36.5          | 125.95                | -138.8                 | 191.5        | 236.5                   | 184.2                   | 52.27                 | 4.524                       |                             |  |
| 2,000.0                                                                        | 2,000.0               | 1,992.7               | 2,001.9               | 6.3              | 36.5          | 126.67                | -140.8                 | 189.2        | 235.8                   | 183.5                   | 52.33                 | 4.507                       |                             |  |
| 2,081.3                                                                        | 2,081.3               | 2,074.0               | 2,083.2               | 6.5              | 36.5          | 112.43                | -142.3                 | 187.2        | 235.5                   | 183.1                   | 52.37                 | 4.496                       |                             |  |
| 2,100.0                                                                        | 2,100.0               | 2,092.6               | 2,101.8               | 6.5              | 36.5          | 112.65                | -142.6                 | 186.8        | 235.5                   | 183.1                   | 52.38                 | 4.496                       |                             |  |
| 2,200.0                                                                        | 2,199.9               | 2,193.0               | 2,202.2               | 6.7              | 36.5          | 114.15                | -144.1                 | 184.5        | 236.2                   | 183.8                   | 52.44                 | 4.505                       |                             |  |
| 2,300.0                                                                        | 2,299.7               | 2,293.3               | 2,302.4               | 6.9              | 36.5          | 116.09                | -145.1                 | 182.3        | 238.0                   | 185.5                   | 52.50                 | 4.533                       |                             |  |
| 2,333.3                                                                        | 2,332.9               | 2,326.7               | 2,335.8               | 6.9              | 36.5          | 116.85                | -145.4                 | 181.5        | 238.8                   | 186.3                   | 52.51                 | 4.548                       |                             |  |
| 2,400.0                                                                        | 2,399.3               | 2,393.3               | 2,402.4               | 7.0              | 36.6          | 132.85                | -146.0                 | 179.9        | 241.4                   | 188.8                   | 52.54                 | 4.594                       |                             |  |
| 2,500.0                                                                        | 2,498.8               | 2,493.2               | 2,502.2               | 7.2              | 36.6          | 152.26                | -146.9                 | 177.1        | 248.1                   | 195.5                   | 52.61                 | 4.715                       |                             |  |
| 2,600.0                                                                        | 2,598.1               | 2,591.8               | 2,600.8               | 7.4              | 36.6          | 165.78                | -147.9                 | 174.3        | 258.2                   | 205.5                   | 52.69                 | 4.900                       |                             |  |
| 2,700.0                                                                        | 2,697.0               | 2,690.0               | 2,699.0               | 7.6              | 36.6          | 174.98                | -149.0                 | 171.8        | 271.8                   | 219.0                   | 52.78                 | 5.150                       |                             |  |
| 2,800.0                                                                        | 2,795.4               | 2,788.0               | 2,796.9               | 7.9              | 36.6          | -178.75               | -149.9                 | 169.7        | 288.7                   | 235.8                   | 52.88                 | 5.459                       |                             |  |
| 2,900.0                                                                        | 2,893.3               | 2,884.6               | 2,893.5               | 8.2              | 36.6          | -174.45               | -150.7                 | 168.2        | 308.9                   | 255.9                   | 52.99                 | 5.829                       |                             |  |
| 3,000.0                                                                        | 2,990.4               | 2,978.3               | 2,987.2               | 8.5              | 36.7          | -171.61               | -151.5                 | 168.0        | 332.9                   | 279.8                   | 53.09                 | 6.270                       |                             |  |
| 3,040.0                                                                        | 3,029.0               | 3,014.9               | 3,023.8               | 8.6              | 36.7          | -170.80               | -151.7                 | 168.4        | 343.6                   | 290.5                   | 53.12                 | 6.469                       |                             |  |
| 3,100.0                                                                        | 3,086.8               | 3,069.5               | 3,078.4               | 8.7              | 36.7          | -171.30               | -152.0                 | 169.6        | 360.6                   | 307.4                   | 53.16                 | 6.782                       |                             |  |
| 3,200.0                                                                        | 3,183.2               | 3,165.6               | 3,174.4               | 9.0              | 36.7          | -172.30               | -151.8                 | 173.1        | 389.2                   | 335.9                   | 53.29                 | 7.304                       |                             |  |
| 3,300.0                                                                        | 3,279.6               | 3,263.3               | 3,272.0               | 9.3              | 36.7          | -173.38               | -150.5                 | 177.4        | 417.6                   | 364.2                   | 53.43                 | 7.816                       |                             |  |
| 3,400.0                                                                        | 3,376.0               | 3,359.7               | 3,368.3               | 9.7              | 36.7          | -174.39               | -148.4                 | 181.9        | 445.8                   | 392.2                   | 53.57                 | 8.321                       |                             |  |
| 3,500.0                                                                        | 3,472.4               | 3,459.0               | 3,467.5               | 10.0             | 36.8          | -175.29               | -146.1                 | 186.1        | 473.7                   | 419.9                   | 53.74                 | 8.814                       |                             |  |
| 3,600.0                                                                        | 3,568.8               | 3,557.9               | 3,566.3               | 10.4             | 36.8          | -175.91               | -144.4                 | 188.7        | 501.0                   | 447.1                   | 53.91                 | 9.293                       |                             |  |
| 3,700.0                                                                        | 3,665.2               | 3,655.8               | 3,664.3               | 10.7             | 36.8          | -176.34               | -143.1                 | 190.2        | 527.8                   | 473.7                   | 54.08                 | 9.759                       |                             |  |
| 3,800.0                                                                        | 3,761.6               | 3,741.0               | 3,749.4               | 11.1             | 36.8          | -176.66               | -142.6                 | 191.9        | 555.3                   | 501.1                   | 54.21                 | 10.245                      |                             |  |
| 3,900.0                                                                        | 3,858.0               | 3,831.8               | 3,840.2               | 11.5             | 36.9          | -176.98               | -142.9                 | 194.7        | 584.3                   | 529.9                   | 54.37                 | 10.747                      |                             |  |
| 4,000.0                                                                        | 3,954.4               | 3,926.8               | 3,935.1               | 11.9             | 36.9          | -177.28               | -143.6                 | 198.0        | 613.9                   | 559.3                   | 54.57                 | 11.250                      |                             |  |
| 4,100.0                                                                        | 4,050.8               | 4,013.5               | 4,021.7               | 12.3             | 36.9          | -177.50               | -144.9                 | 201.3        | 644.1                   | 589.4                   | 54.73                 | 11.770                      |                             |  |
| 4,200.0                                                                        | 4,147.1               | 4,102.3               | 4,110.4               | 12.7             | 37.0          | -177.68               | -147.0                 | 205.3        | 675.5                   | 620.6                   | 54.91                 | 12.303                      |                             |  |
| 4,300.0                                                                        | 4,243.5               | 4,202.5               | 4,210.4               | 13.1             | 37.0          | -177.76               | -150.6                 | 209.2        | 707.2                   | 652.0                   | 55.19                 | 12.814                      |                             |  |
| 4,400.0                                                                        | 4,339.9               | 4,306.0               | 4,313.8               | 13.6             | 37.0          | -177.80               | -153.9                 | 212.1        | 737.9                   | 682.4                   | 55.48                 | 13.298                      |                             |  |
| 4,500.0                                                                        | 4,436.3               | 4,415.1               | 4,423.0               | 14.0             | 37.1          | -177.91               | -155.6                 | 214.3        | 766.9                   | 711.2                   | 55.70                 | 13.768                      |                             |  |
| 4,600.0                                                                        | 4,532.7               | 4,511.5               | 4,519.3               | 14.4             | 37.1          | -177.96               | -156.9                 | 215.5        | 795.2                   | 739.2                   | 55.97                 | 14.207                      |                             |  |

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

ConocoPhillips

Anticollision Report

|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

|                                                                                |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                    |          |
|--------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|--------------------|----------|
| Offset Design: ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 1H - ST01 - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Site Error: | 0.0 usft |
| Survey Program: 797-r.5 MWD, 8616-r.5 MWD                                      |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Well Error: | 0.0 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) | No-Go<br>Distance<br>(usft) | Separation<br>Factor |                    |          |
| 4,700.0                                                                        | 4,629.1                     | 4,610.6                     | 4,618.4                     | 14.8                | 37.2             | -178.00                     | -158.1                 | 216.3           | 823.2                        | 767.0                         | 56.26                       | 14.632               |                    |          |
| 4,800.0                                                                        | 4,725.5                     | 4,707.8                     | 4,715.6                     | 15.3                | 37.2             | -178.04                     | -159.2                 | 216.9           | 851.0                        | 794.5                         | 56.55                       | 15.049               |                    |          |
| 4,900.0                                                                        | 4,821.9                     | 4,803.6                     | 4,811.4                     | 15.7                | 37.2             | -178.07                     | -160.2                 | 217.5           | 878.8                        | 821.9                         | 56.84                       | 15.459               |                    |          |
| 5,000.0                                                                        | 4,918.3                     | 4,896.7                     | 4,904.5                     | 16.2                | 37.3             | -178.11                     | -161.3                 | 218.3           | 906.7                        | 849.6                         | 57.13                       | 15.870               |                    |          |
| 5,100.0                                                                        | 5,014.7                     | 4,995.7                     | 5,003.5                     | 16.6                | 37.3             | -178.14                     | -162.4                 | 219.1           | 934.6                        | 877.1                         | 57.46                       | 16.265               |                    |          |
| 5,200.0                                                                        | 5,111.1                     | 5,089.1                     | 5,096.8                     | 17.1                | 37.4             | -178.16                     | -163.5                 | 219.8           | 962.5                        | 904.7                         | 57.77                       | 16.662               |                    |          |
| 5,300.0                                                                        | 5,207.4                     | 5,186.5                     | 5,194.2                     | 17.5                | 37.4             | -178.20                     | -164.6                 | 220.7           | 990.5                        | 932.4                         | 58.10                       | 17.048               |                    |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                      |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                              |                           |          |
|--------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|------------------------------|---------------------------|----------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 2H - OWB - AWP |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                              | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> 100-GYD-CT-CMS, 4372-r.5 MWD                                  |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                              | <b>Offset Well Error:</b> | 0.0 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>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> |                              |                           |          |
| 3,200.0                                                                              | 3,183.2                              | 3,240.5                              | 3,231.7                              | 9.0                         | 6.3                      | -40.63                               | 131.3                         | -1,087.6                | 994.2                                 | 979.2                                  | 15.00                        | 66.266                    |          |
| 3,300.0                                                                              | 3,279.6                              | 3,334.6                              | 3,325.7                              | 9.3                         | 6.5                      | -41.57                               | 132.3                         | -1,083.1                | 969.1                                 | 953.7                                  | 15.42                        | 62.869                    |          |
| 3,400.0                                                                              | 3,376.0                              | 3,429.8                              | 3,420.7                              | 9.7                         | 6.8                      | -42.53                               | 133.9                         | -1,078.6                | 944.2                                 | 928.4                                  | 15.84                        | 59.618                    |          |
| 3,500.0                                                                              | 3,472.4                              | 3,518.6                              | 3,509.4                              | 10.0                        | 7.0                      | -43.46                               | 135.5                         | -1,074.7                | 920.1                                 | 903.8                                  | 16.26                        | 56.587                    |          |
| 3,600.0                                                                              | 3,568.8                              | 3,609.2                              | 3,600.0                              | 10.4                        | 7.2                      | -44.47                               | 137.0                         | -1,071.5                | 896.9                                 | 880.2                                  | 16.69                        | 53.738                    |          |
| 3,700.0                                                                              | 3,665.2                              | 3,708.3                              | 3,699.0                              | 10.7                        | 7.5                      | -45.61                               | 138.7                         | -1,068.0                | 874.1                                 | 857.0                                  | 17.13                        | 51.013                    |          |
| 3,800.0                                                                              | 3,761.6                              | 3,812.7                              | 3,803.3                              | 11.1                        | 7.7                      | -46.95                               | 139.7                         | -1,063.4                | 850.9                                 | 833.3                                  | 17.59                        | 48.375                    |          |
| 3,900.0                                                                              | 3,858.0                              | 3,903.0                              | 3,893.5                              | 11.5                        | 8.0                      | -48.22                               | 139.8                         | -1,059.2                | 828.0                                 | 809.9                                  | 18.03                        | 45.918                    |          |
| 4,000.0                                                                              | 3,954.4                              | 3,997.9                              | 3,988.3                              | 11.9                        | 8.2                      | -49.67                               | 139.3                         | -1,055.1                | 805.9                                 | 787.4                                  | 18.47                        | 43.623                    |          |
| 4,100.0                                                                              | 4,050.8                              | 4,096.3                              | 4,086.6                              | 12.3                        | 8.4                      | -51.34                               | 137.6                         | -1,050.4                | 784.2                                 | 765.2                                  | 18.91                        | 41.479                    |          |
| 4,200.0                                                                              | 4,147.1                              | 4,193.3                              | 4,183.4                              | 12.7                        | 8.7                      | -53.16                               | 135.0                         | -1,045.1                | 762.7                                 | 743.4                                  | 19.33                        | 39.449                    |          |
| 4,300.0                                                                              | 4,243.5                              | 4,281.9                              | 4,271.9                              | 13.1                        | 9.0                      | -54.88                               | 132.9                         | -1,040.7                | 742.4                                 | 722.6                                  | 19.79                        | 37.505                    |          |
| 4,400.0                                                                              | 4,339.9                              | 4,372.0                              | 4,361.9                              | 13.6                        | 9.2                      | -56.66                               | 131.2                         | -1,037.1                | 723.6                                 | 703.5                                  | 20.08                        | 36.038                    |          |
| 4,500.0                                                                              | 4,436.3                              | 4,462.2                              | 4,452.1                              | 14.0                        | 9.3                      | -58.48                               | 129.7                         | -1,034.3                | 706.3                                 | 686.0                                  | 20.34                        | 34.721                    |          |
| 4,600.0                                                                              | 4,532.7                              | 4,546.3                              | 4,536.1                              | 14.4                        | 9.4                      | -60.19                               | 128.9                         | -1,032.7                | 691.0                                 | 670.4                                  | 20.64                        | 33.486                    |          |
| 4,700.0                                                                              | 4,629.1                              | 4,640.9                              | 4,630.7                              | 14.8                        | 9.5                      | -62.02                               | 129.3                         | -1,032.7                | 677.5                                 | 656.6                                  | 20.90                        | 32.410                    |          |
| 4,800.0                                                                              | 4,725.5                              | 4,735.6                              | 4,725.4                              | 15.3                        | 9.6                      | -63.84                               | 130.5                         | -1,033.1                | 664.9                                 | 643.8                                  | 21.15                        | 31.433                    |          |
| 4,900.0                                                                              | 4,821.9                              | 4,833.0                              | 4,822.8                              | 15.7                        | 9.6                      | -65.77                               | 131.9                         | -1,033.7                | 653.2                                 | 631.8                                  | 21.39                        | 30.532                    |          |
| 5,000.0                                                                              | 4,918.3                              | 4,929.8                              | 4,919.5                              | 16.2                        | 9.7                      | -67.73                               | 133.5                         | -1,034.3                | 642.2                                 | 620.5                                  | 21.64                        | 29.681                    |          |
| 5,100.0                                                                              | 5,014.7                              | 5,019.7                              | 5,009.5                              | 16.6                        | 9.7                      | -69.59                               | 134.9                         | -1,035.4                | 632.5                                 | 610.6                                  | 21.88                        | 28.905                    |          |
| 5,200.0                                                                              | 5,111.1                              | 5,118.4                              | 5,108.1                              | 17.1                        | 9.8                      | -71.64                               | 136.7                         | -1,037.2                | 624.1                                 | 602.0                                  | 22.12                        | 28.208                    |          |
| 5,300.0                                                                              | 5,207.4                              | 5,213.1                              | 5,202.8                              | 17.5                        | 9.9                      | -73.63                               | 138.6                         | -1,039.2                | 616.5                                 | 594.1                                  | 22.38                        | 27.549                    |          |
| 5,400.0                                                                              | 5,303.8                              | 5,301.4                              | 5,291.0                              | 18.0                        | 10.0                     | -75.53                               | 139.9                         | -1,041.5                | 610.6                                 | 587.9                                  | 22.64                        | 26.971                    |          |
| 5,500.0                                                                              | 5,400.2                              | 5,389.3                              | 5,378.9                              | 18.5                        | 10.0                     | -77.55                               | 139.5                         | -1,044.4                | 607.1                                 | 584.2                                  | 22.90                        | 26.512                    |          |
| 5,600.0                                                                              | 5,496.6                              | 5,501.8                              | 5,491.4                              | 18.9                        | 10.1                     | -80.17                               | 139.0                         | -1,047.7                | 604.4                                 | 581.2                                  | 23.20                        | 26.057                    |          |
| 5,700.0                                                                              | 5,593.0                              | 5,600.2                              | 5,589.7                              | 19.4                        | 10.2                     | -82.44                               | 140.1                         | -1,049.6                | 601.0                                 | 577.5                                  | 23.52                        | 25.555                    |          |
| 5,800.0                                                                              | 5,689.4                              | 5,698.6                              | 5,688.1                              | 19.8                        | 10.3                     | -84.72                               | 141.5                         | -1,051.4                | 598.2                                 | 574.3                                  | 23.87                        | 25.065                    |          |
| 5,871.2                                                                              | 5,758.0                              | 5,757.7                              | 5,747.2                              | 20.2                        | 10.4                     | -86.11                               | 141.9                         | -1,052.7                | 597.4                                 | 573.2                                  | 24.12                        | 24.766 CC, ES             |          |
| 5,900.0                                                                              | 5,785.8                              | 5,784.0                              | 5,773.5                              | 20.3                        | 10.5                     | -86.74                               | 141.8                         | -1,053.4                | 597.5                                 | 573.3                                  | 24.23                        | 24.660                    |          |
| 6,000.0                                                                              | 5,882.2                              | 5,872.8                              | 5,862.2                              | 20.8                        | 10.5                     | -88.88                               | 140.7                         | -1,056.1                | 599.5                                 | 574.8                                  | 24.62                        | 24.348                    |          |
| 6,100.0                                                                              | 5,978.6                              | 5,969.4                              | 5,958.7                              | 21.3                        | 10.6                     | -91.20                               | 139.1                         | -1,059.2                | 602.9                                 | 577.9                                  | 25.07                        | 24.055                    |          |
| 6,200.0                                                                              | 6,075.0                              | 6,066.0                              | 6,055.3                              | 21.7                        | 10.7                     | -93.50                               | 137.5                         | -1,062.4                | 607.5                                 | 581.9                                  | 25.55                        | 23.775                    |          |
| 6,300.0                                                                              | 6,171.3                              | 6,164.5                              | 6,153.7                              | 22.2                        | 10.8                     | -95.80                               | 135.9                         | -1,065.4                | 612.9                                 | 586.8                                  | 26.08                        | 23.496                    |          |
| 6,400.0                                                                              | 6,267.7                              | 6,261.0                              | 6,250.2                              | 22.7                        | 10.9                     | -98.03                               | 134.4                         | -1,068.2                | 619.1                                 | 592.5                                  | 26.65                        | 23.232                    |          |
| 6,500.0                                                                              | 6,364.1                              | 6,357.2                              | 6,346.3                              | 23.2                        | 11.1                     | -100.19                              | 133.0                         | -1,071.3                | 626.5                                 | 599.2                                  | 27.25                        | 22.990                    |          |
| 6,600.0                                                                              | 6,460.5                              | 6,456.0                              | 6,445.0                              | 23.6                        | 11.2                     | -102.35                              | 131.7                         | -1,074.5                | 634.6                                 | 606.7                                  | 27.90                        | 22.748                    |          |
| 6,614.6                                                                              | 6,474.6                              | 6,469.7                              | 6,458.7                              | 23.7                        | 11.2                     | -102.65                              | 131.5                         | -1,074.9                | 635.8                                 | 607.8                                  | 27.98                        | 22.721                    |          |
| 6,700.0                                                                              | 6,557.1                              | 6,550.5                              | 6,539.5                              | 24.1                        | 11.3                     | -104.41                              | 130.3                         | -1,077.2                | 643.5                                 | 614.9                                  | 28.54                        | 22.548                    |          |
| 6,800.0                                                                              | 6,654.1                              | 6,647.0                              | 6,635.9                              | 24.6                        | 11.5                     | -106.33                              | 128.6                         | -1,080.2                | 653.0                                 | 623.8                                  | 29.18                        | 22.376                    |          |
| 6,900.0                                                                              | 6,751.5                              | 6,747.0                              | 6,735.9                              | 25.0                        | 11.6                     | -108.12                              | 127.1                         | -1,083.3                | 662.4                                 | 632.6                                  | 29.83                        | 22.206                    |          |
| 7,000.0                                                                              | 6,849.3                              | 6,849.5                              | 6,838.3                              | 25.5                        | 11.8                     | -109.71                              | 125.9                         | -1,086.7                | 671.6                                 | 641.1                                  | 30.47                        | 22.041                    |          |
| 7,100.0                                                                              | 6,947.4                              | 6,959.8                              | 6,948.5                              | 26.0                        | 12.0                     | -111.10                              | 126.9                         | -1,091.1                | 678.8                                 | 647.7                                  | 31.12                        | 21.816                    |          |
| 7,200.0                                                                              | 7,045.8                              | 7,058.4                              | 7,047.0                              | 26.4                        | 12.2                     | -112.13                              | 128.4                         | -1,095.4                | 685.2                                 | 653.6                                  | 31.63                        | 21.660                    |          |
| 7,300.0                                                                              | 7,144.6                              | 7,156.2                              | 7,144.7                              | 26.8                        | 12.4                     | -113.02                              | 129.7                         | -1,099.5                | 691.2                                 | 659.1                                  | 32.12                        | 21.519                    |          |
| 7,400.0                                                                              | 7,243.6                              | 7,252.6                              | 7,241.0                              | 27.3                        | 12.5                     | -113.76                              | 130.7                         | -1,103.6                | 697.0                                 | 664.4                                  | 32.56                        | 21.403                    |          |
| 7,500.0                                                                              | 7,342.8                              | 7,350.1                              | 7,338.5                              | 27.7                        | 12.7                     | -114.36                              | 131.3                         | -1,107.8                | 702.6                                 | 669.6                                  | 32.98                        | 21.302                    |          |
| 7,600.0                                                                              | 7,442.3                              | 7,449.1                              | 7,437.3                              | 28.1                        | 13.0                     | -114.85                              | 131.7                         | -1,112.0                | 707.7                                 | 674.3                                  | 33.37                        | 21.206                    |          |
| 7,700.0                                                                              | 7,541.9                              | 7,548.2                              | 7,536.4                              | 28.4                        | 13.2                     | -115.21                              | 131.9                         | -1,116.0                | 712.2                                 | 678.4                                  | 33.73                        | 21.115                    |          |
| 7,800.0                                                                              | 7,641.6                              | 7,647.3                              | 7,635.4                              | 28.8                        | 13.4                     | -115.45                              | 132.0                         | -1,119.9                | 716.0                                 | 682.0                                  | 34.04                        | 21.033                    |          |
| 7,900.0                                                                              | 7,741.5                              | 7,746.1                              | 7,734.1                              | 29.2                        | 13.6                     | -115.57                              | 132.0                         | -1,123.7                | 719.3                                 | 685.0                                  | 34.31                        | 20.962                    |          |
| 8,000.0                                                                              | 7,841.4                              | 7,844.6                              | 7,832.5                              | 29.5                        | 13.8                     | -115.58                              | 131.7                         | -1,127.3                | 722.0                                 | 687.5                                  | 34.54                        | 20.903                    |          |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWPO                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

|                                                                                      |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      |                              |                |
|--------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------------------|-------------------------------|-------------------------|---------------------------------------|----------------------------------------|--------------------------------------|------------------------------|----------------|
| <b>Offset Design:</b> ZIA HILLS UNIT 2832 PROJECT - WILDER FEDERAL 28 2H - OWB - AWP |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <b>Offset Site Error:</b>    | 0.0 usft       |
| <b>Survey Program:</b> 100-GYD-CT-CMS, 4372-r.5 MWD                                  |                                      |                                      |                                      |                             |                          |                                      |                               |                         |                                       |                                        |                                      | <b>Offset Well Error:</b>    | 0.0 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>No-Go<br/>Distance<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> |                                      |                              |                |
| 8,100.0                                                                              | 7,941.4                              | 7,940.4                              | 7,928.3                              | 29.7                        | 14.0                     | -115.48                              | 131.1                         | -1,130.7                | 724.3                                 | 689.6                                  | 34.70                                | 20.873 SF                    |                |
| 8,158.6                                                                              | 8,000.0                              | 7,999.0                              | 7,986.8                              | 29.8                        | 14.2                     | -166.21                              | 130.5                         | -1,132.9                | 725.5                                 | 690.8                                  | 34.75                                | 20.877                       |                |
| 8,200.0                                                                              | 8,041.4                              | 8,040.9                              | 8,028.7                              | 29.8                        | 14.3                     | -166.09                              | 130.1                         | -1,134.5                | 726.2                                 | 691.5                                  | 34.77                                | 20.886                       |                |
| 8,300.0                                                                              | 8,141.4                              | 8,140.0                              | 8,127.7                              | 29.9                        | 14.5                     | -165.82                              | 129.3                         | -1,138.3                | 728.1                                 | 693.2                                  | 34.84                                | 20.900                       |                |
| 8,400.0                                                                              | 8,241.4                              | 8,236.0                              | 8,223.6                              | 29.9                        | 14.7                     | -165.57                              | 128.0                         | -1,142.0                | 730.2                                 | 695.3                                  | 34.89                                | 20.931                       |                |
| 8,500.0                                                                              | 8,341.4                              | 8,340.0                              | 8,327.5                              | 29.9                        | 14.9                     | -165.30                              | 126.8                         | -1,145.8                | 732.3                                 | 697.3                                  | 35.00                                | 20.926                       |                |
| 8,600.0                                                                              | 8,441.4                              | 8,439.3                              | 8,426.8                              | 30.0                        | 15.2                     | -165.05                              | 125.7                         | -1,149.4                | 734.3                                 | 699.2                                  | 35.08                                | 20.932                       |                |
| 8,700.0                                                                              | 8,541.4                              | 8,532.1                              | 8,519.6                              | 30.0                        | 15.4                     | -164.84                              | 124.6                         | -1,152.5                | 736.4                                 | 701.3                                  | 35.12                                | 20.965                       |                |
| 8,800.0                                                                              | 8,641.4                              | 8,589.1                              | 8,576.4                              | 30.0                        | 15.5                     | -164.69                              | 122.0                         | -1,155.2                | 742.0                                 | 707.1                                  | 34.92                                | 21.249                       |                |
| 8,900.0                                                                              | 8,741.4                              | 8,642.0                              | 8,628.9                              | 30.1                        | 15.6                     | -164.52                              | 116.5                         | -1,158.9                | 753.9                                 | 719.2                                  | 34.69                                | 21.733                       |                |
| 9,000.0                                                                              | 8,841.4                              | 8,690.8                              | 8,676.8                              | 30.1                        | 15.7                     | -164.37                              | 108.6                         | -1,163.3                | 772.1                                 | 737.6                                  | 34.45                                | 22.411                       |                |
| 9,100.0                                                                              | 8,941.4                              | 8,736.0                              | 8,720.6                              | 30.2                        | 15.7                     | -164.20                              | 98.6                          | -1,168.4                | 796.5                                 | 762.3                                  | 34.21                                | 23.281                       |                |
| 9,200.0                                                                              | 9,041.4                              | 8,787.8                              | 8,769.9                              | 30.2                        | 15.8                     | -164.03                              | 84.4                          | -1,174.9                | 826.6                                 | 792.5                                  | 34.07                                | 24.263                       |                |
| 9,300.0                                                                              | 9,141.4                              | 8,838.3                              | 8,817.3                              | 30.2                        | 15.9                     | -163.94                              | 67.6                          | -1,180.9                | 861.8                                 | 827.9                                  | 33.98                                | 25.366                       |                |
| 9,400.0                                                                              | 9,241.4                              | 8,881.9                              | 8,857.2                              | 30.3                        | 16.0                     | -163.90                              | 51.0                          | -1,186.3                | 901.9                                 | 868.0                                  | 33.90                                | 26.607                       |                |
| 9,500.0                                                                              | 9,341.4                              | 8,924.0                              | 8,894.7                              | 30.3                        | 16.1                     | -163.90                              | 32.7                          | -1,191.6                | 947.0                                 | 913.2                                  | 33.87                                | 27.957                       |                |
| 9,600.0                                                                              | 9,441.4                              | 8,955.0                              | 8,921.5                              | 30.4                        | 16.2                     | -163.94                              | 17.6                          | -1,195.3                | 996.8                                 | 963.0                                  | 33.85                                | 29.449                       |                |

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 EAST          | <b>Local Co-ordinate Reference:</b> | Well _ZIA HILLS UNIT 2832 WC 708H |
| <b>Project:</b>           | ZIA HILLS UNIT AREA          | <b>TVD Reference:</b>               | KB @ 3171.0usft                   |
| <b>Reference Site:</b>    | ZIA HILLS UNIT 2832 PROJECT  | <b>MD Reference:</b>                | KB @ 3171.0usft                   |
| <b>Site Error:</b>        | 0.0 usft                     | <b>North Reference:</b>             | Grid                              |
| <b>Reference Well:</b>    | _ZIA HILLS UNIT 2832 WC 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>                    | EDT 17 Permian Prod               |
| <b>Reference Design:</b>  | PWP0                         | <b>Offset TVD Reference:</b>        | Reference Datum                   |

Reference Depths are relative to KB @ 3171.0usft

Offset Depths are relative to Offset Datum

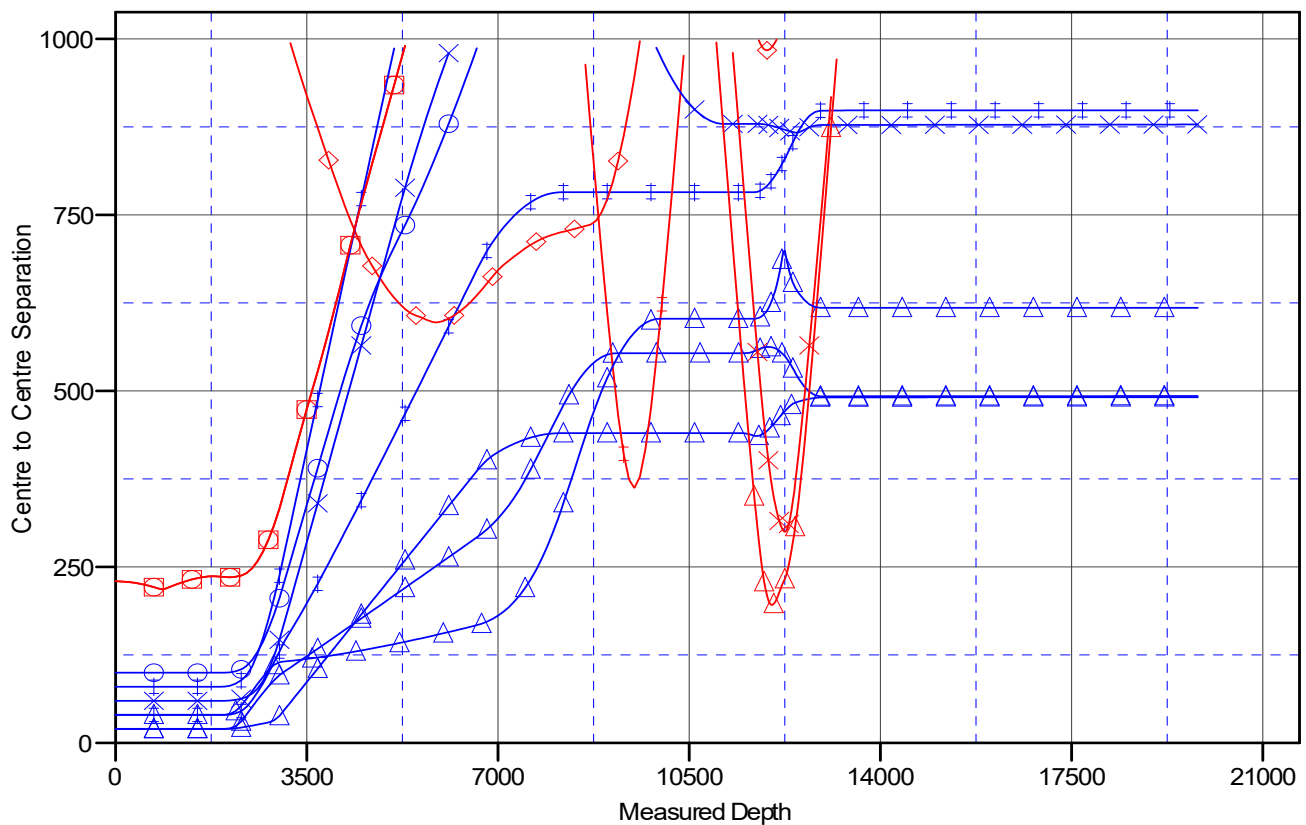
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: \_ZIA HILLS UNIT 2832 WC 708H

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

Grid Convergence at Surface is: 0.35°

### Ladder Plot



### LEGEND

|                                                    |                                                      |                                                      |
|----------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| _ZIA HILLS UNIT 2832 WC 710H OWB, PWP0 V0          | _ZIA HILLS UNIT 2832 WC 803H OWB, PWP0 V0            | _ZIA HILLS UNIT 2832 WC 712H OWB, PWP0 V0            |
| _ZIA HILLS UNIT 2832 WC 709H OWB, PWP0 V0          | WILDER FEDERAL 28 2H, OWB, AWP V0                    | RED HILLS WEST 21 W0B0 FEDERAL COM 004H, OWB, AWP V0 |
| _ZIA HILLS UNIT 2832 WC 707H OWB, PWP0 V0          | RED HILLS WEST 21 W1B0 FEDERAL COM 003H, OWB, AWP V0 | WILDER FEDERAL 28 1H, OWB, AWP V0                    |
| WILDER FEDERAL 28 1H, STD, AWP V0                  | _ZIA HILLS UNIT 2832 WC 708H OWB, PWP0 V0            | _ZIA HILLS UNIT 2832 WC 802H OWB, PWP0 V0            |
| RED HILLS WEST 21 'B0' FEDERAL COM 1H, OWB, AWP V0 | _ZIA HILLS UNIT 2832 WC 711H OWB, PWP0 V0            | RED HILLS WEST 21 W0AP FEDERAL COM 003H, OWB, AWP V0 |

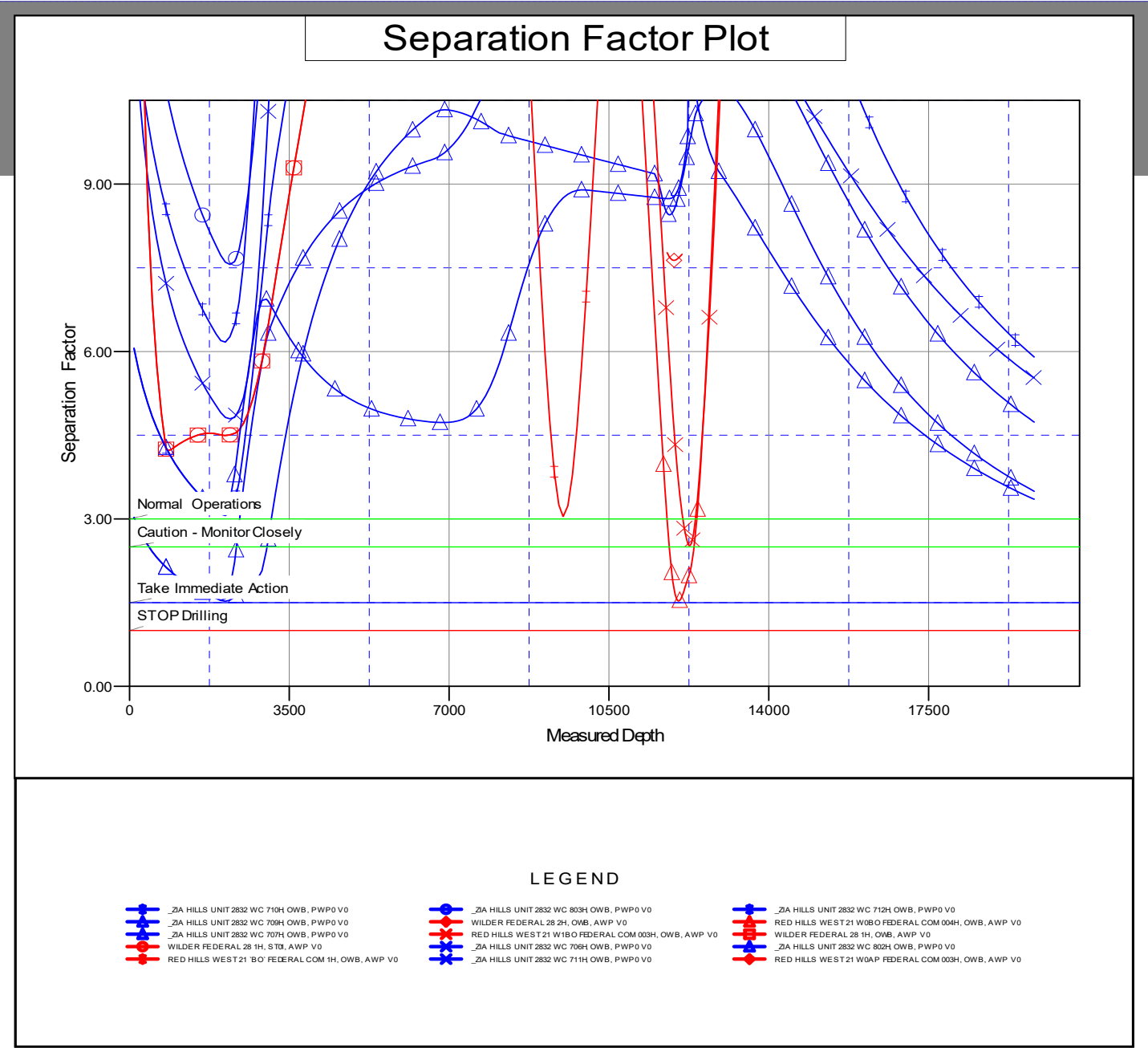
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

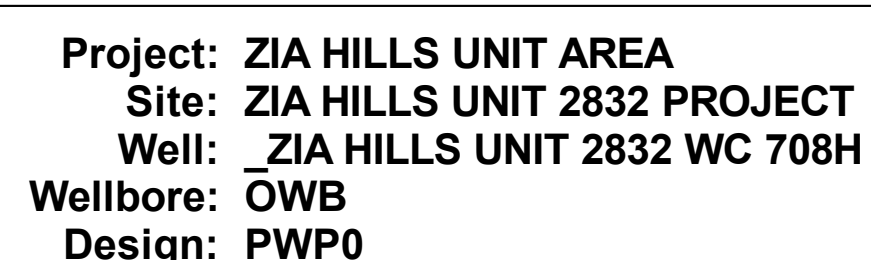
|                    |                              |                              |                                   |
|--------------------|------------------------------|------------------------------|-----------------------------------|
| Company:           | DELAWARE BASIN EAST          | Local Co-ordinate Reference: | Well _ZIA HILLS UNIT 2832 WC 708H |
| Project:           | ZIA HILLS UNIT AREA          | TVD Reference:               | KB @ 3171.0usft                   |
| Reference Site:    | ZIA HILLS UNIT 2832 PROJECT  | MD Reference:                | KB @ 3171.0usft                   |
| Site Error:        | 0.0 usft                     | North Reference:             | Grid                              |
| Reference Well:    | _ZIA HILLS UNIT 2832 WC 708H | Survey Calculation Method:   | Minimum Curvature                 |
| Well Error:        | 3.0 usft                     | Output errors are at         | 2.00 sigma                        |
| Reference Wellbore | OWB                          | Database:                    | EDT 17 Permian Prod               |
| Reference Design:  | PWP0                         | Offset TVD Reference:        | Reference Datum                   |

Reference Depths are relative to KB @ 3171.0usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 104° 20' 0.000 W

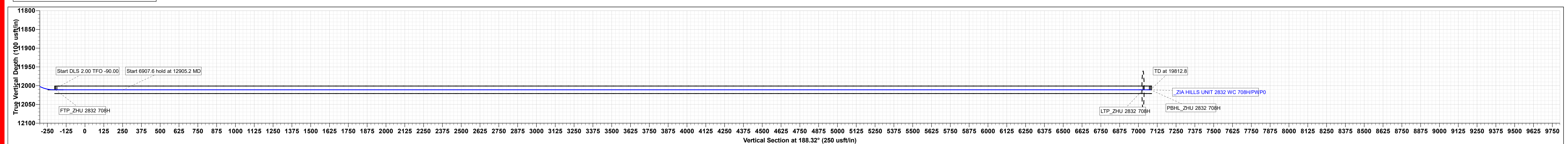
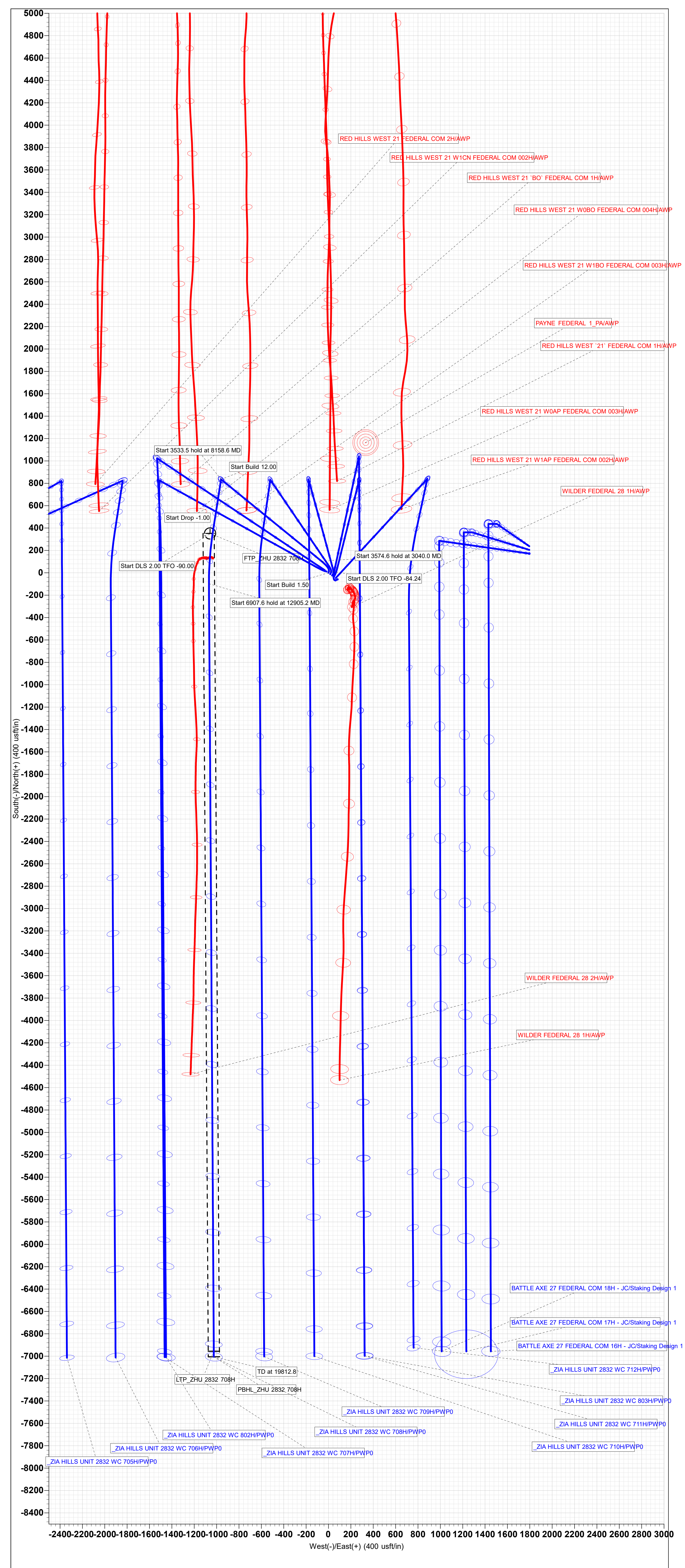
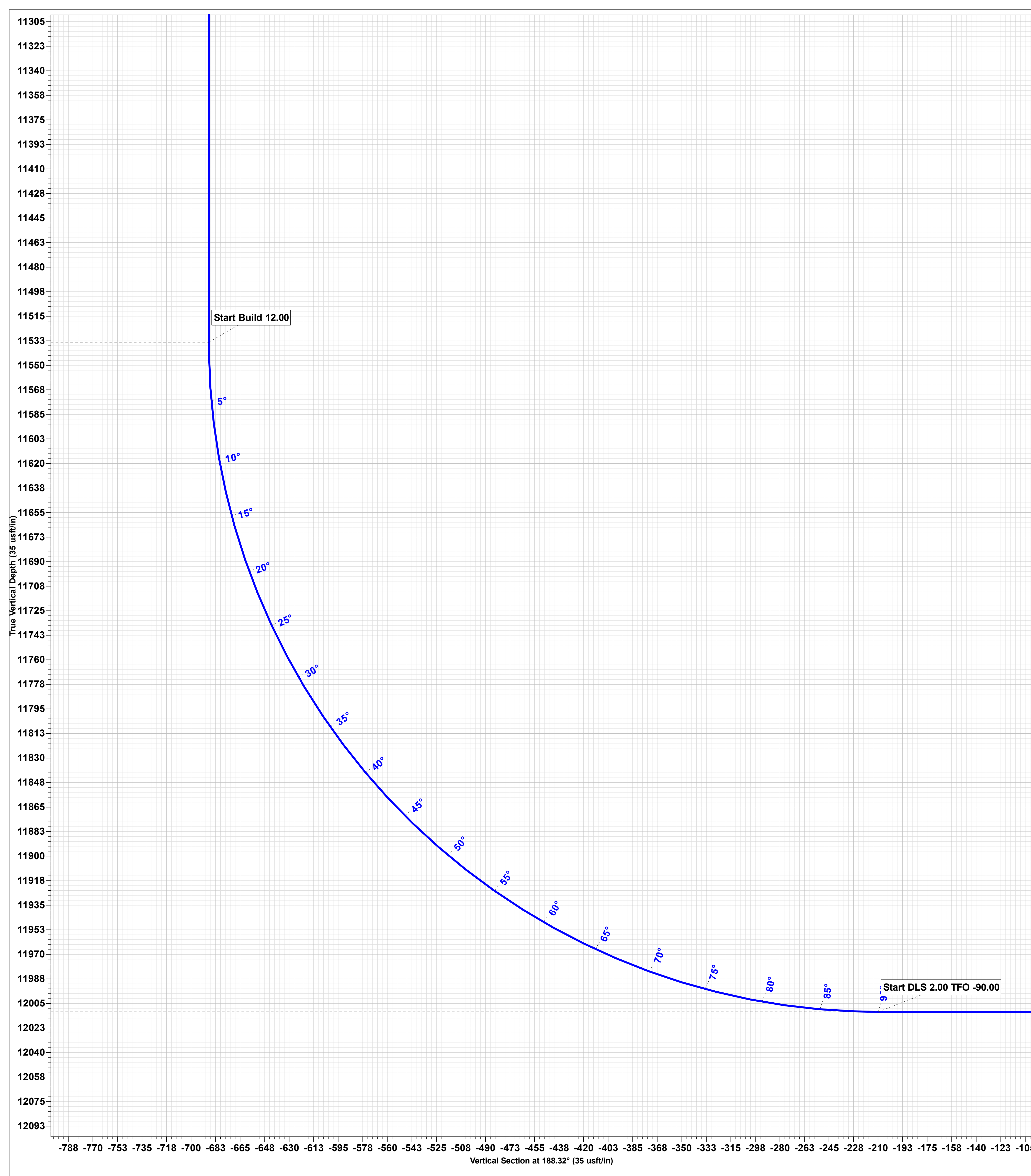
Coordinates are relative to: \_ZIA HILLS UNIT 2832 WC 708H  
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
Grid Convergence at Surface is: 0.35°



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



| SECTION DETAILS |         |       |        |         |         |         |       |        |        |
|-----------------|---------|-------|--------|---------|---------|---------|-------|--------|--------|
|                 | MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W   | Dleg  | TFace  | VSec   |
|                 | 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0     | 0.00  | 0.00   | 0.0    |
|                 | 2000.0  | 0.00  | 0.00   | 2000.0  | 0.0     | 0.0     | 0.00  | 0.00   | 0.0    |
|                 | 2333.3  | 5.00  | 15.00  | 2332.9  | 14.0    | 3.8     | 1.50  | 15.00  | -14.4  |
|                 | 3040.0  | 15.44 | 309.15 | 3029.0  | 103.6   | -61.6   | 2.00  | -84.24 | -93.6  |
|                 | 6814.6  | 15.44 | 309.15 | 6474.6  | 704.4   | -739.6  | 0.00  | 0.00   | -581.3 |
|                 | 8158.6  | 0.00  | 0.00   | 8000.0  | 835.0   | -960.0  | 1.00  | 180.00 | -687.3 |
|                 | 11692.1 | 0.00  | 0.00   | 11533.5 | 835.0   | -960.0  | 0.00  | 0.00   | -687.3 |
|                 | 12442.1 | 90.00 | 188.90 | 12011.0 | 363.3   | -1033.9 | 12.00 | 188.90 | -209.8 |
|                 | 12905.2 | 90.00 | 179.64 | 12011.0 | -98.0   | -1068.3 | 2.00  | -90.00 | 251.6  |
|                 | 19812.8 | 90.00 | 179.64 | 12011.0 | -7005.5 | -1024.8 | 0.00  | 0.00   | 7080.0 |



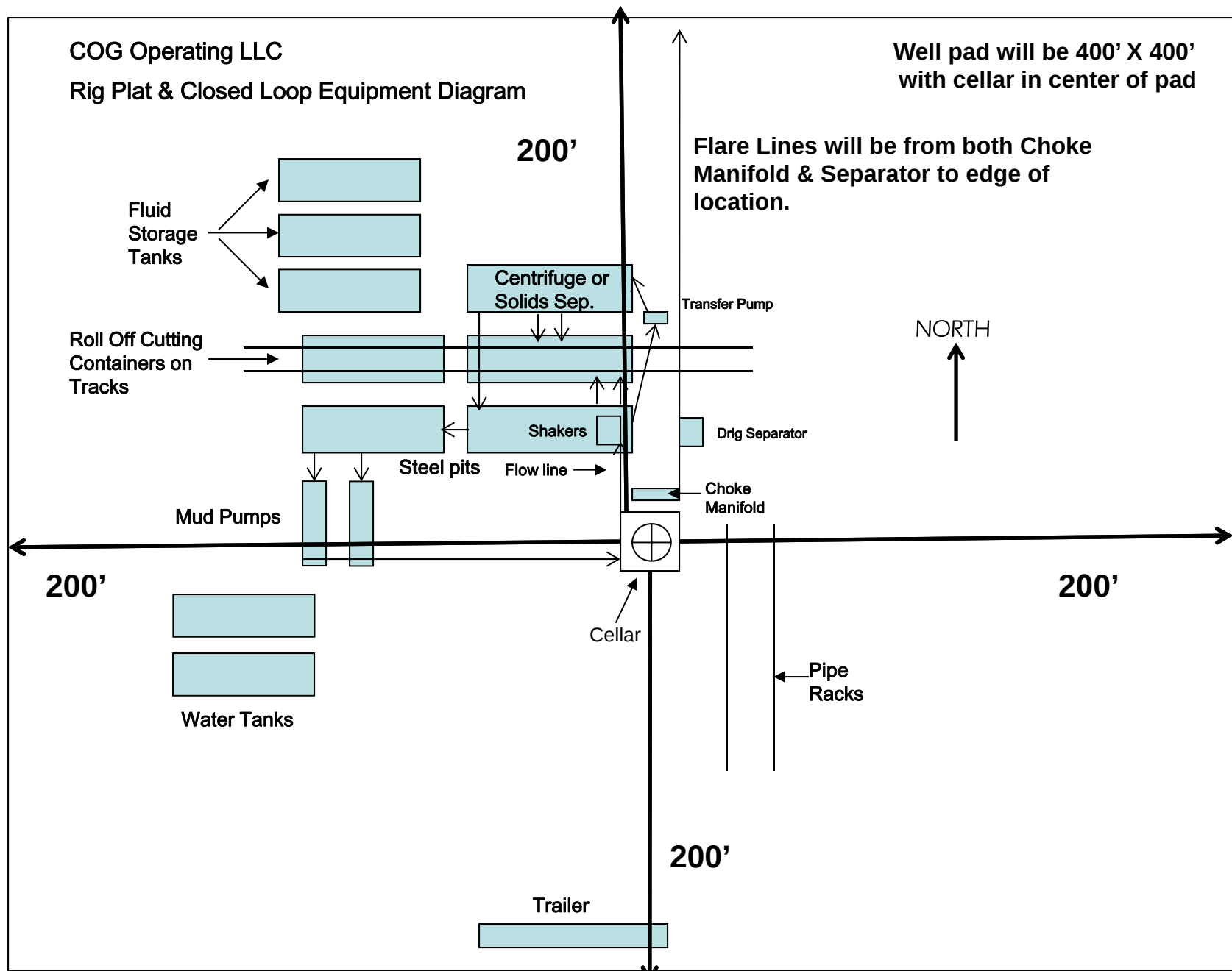


Exhibit 1

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

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:** 01/28/2025

**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 |
|-----------------------------|---------|--------------|--------------------|-----------------------|-----------------------|----------------------------------|
| Zia Hills Unit 2832 WC 707H | 30-025- | A-28-26S-32E | 447 FNL & 1024 FEL | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 708H | 30-025- | A-28-26S-32E | 458 FNL & 1008 FEL | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 709H | 30-025- | A-28-26S-32E | 470 FNL & 991 FEL  | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 710H | 30-025- | A-28-26S-32E | 482 FNL & 975 FEL  | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 711H | 30-025- | A-28-26S-32E | 494 FNL & 959 FEL  | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 712H | 30-025- | A-28-26S-32E | 505 FNL & 943 FEL  | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 802H | 30-025- | A-28-26S-32E | 435 FNL & 1040 FEL | ± 742                 | ± 1956                | ± 1707                           |
| Zia Hills Unit 2832 WC 803H | 30-025- | A-28-26S-32E | 517 FNL & 927 FEL  | ± 742                 | ± 1956                | ± 1707                           |

**IV. Central Delivery Point Name:** Zia Hills Unit CF2 Facility NESW 24-26S-31E [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 |
|------------------------------------------------|---------|------------|---------------------|------------------------------|------------------------|-----------------------|
| Zia Hills Unit 2832 WC                         | Pending | ± 2/1/2026 | ± 25 days from spud | TBD                          | TBD                    | TBD                   |
| 707H, 708H, 709H, 710H, 711H, 712H, 802H, 803H |         |            |                     |                              |                        |                       |

**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**

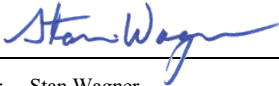
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(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: 01/30/2025                                                                                 |
| 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**

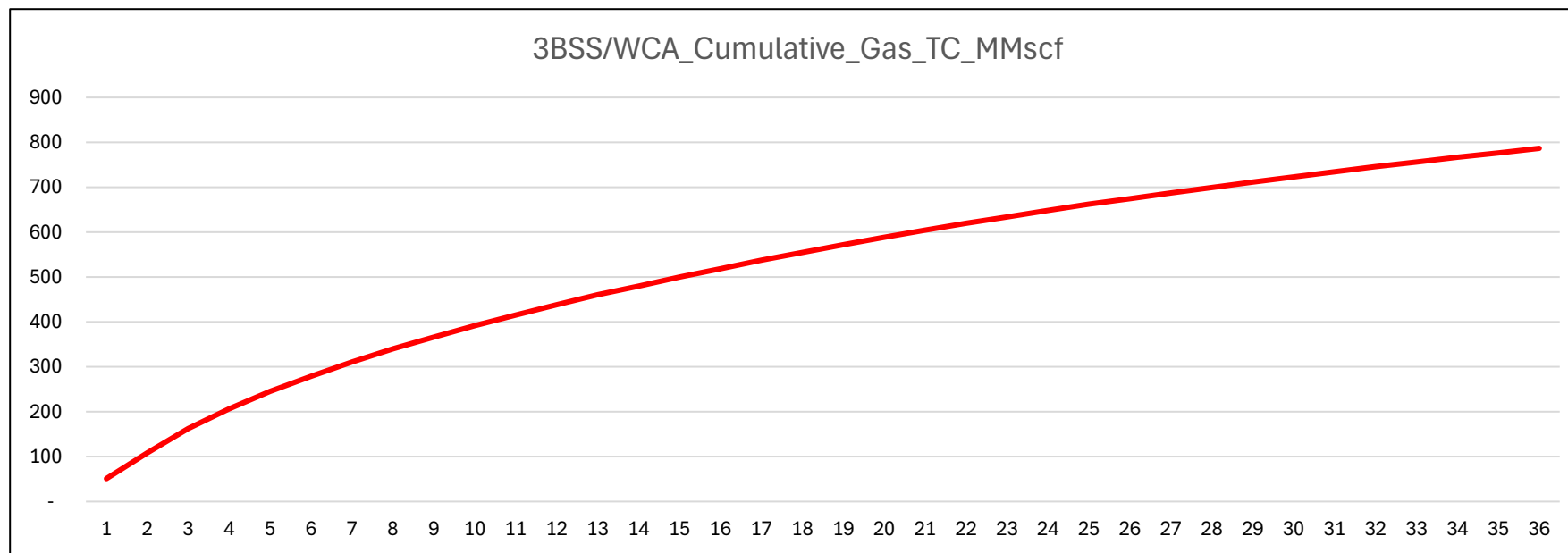
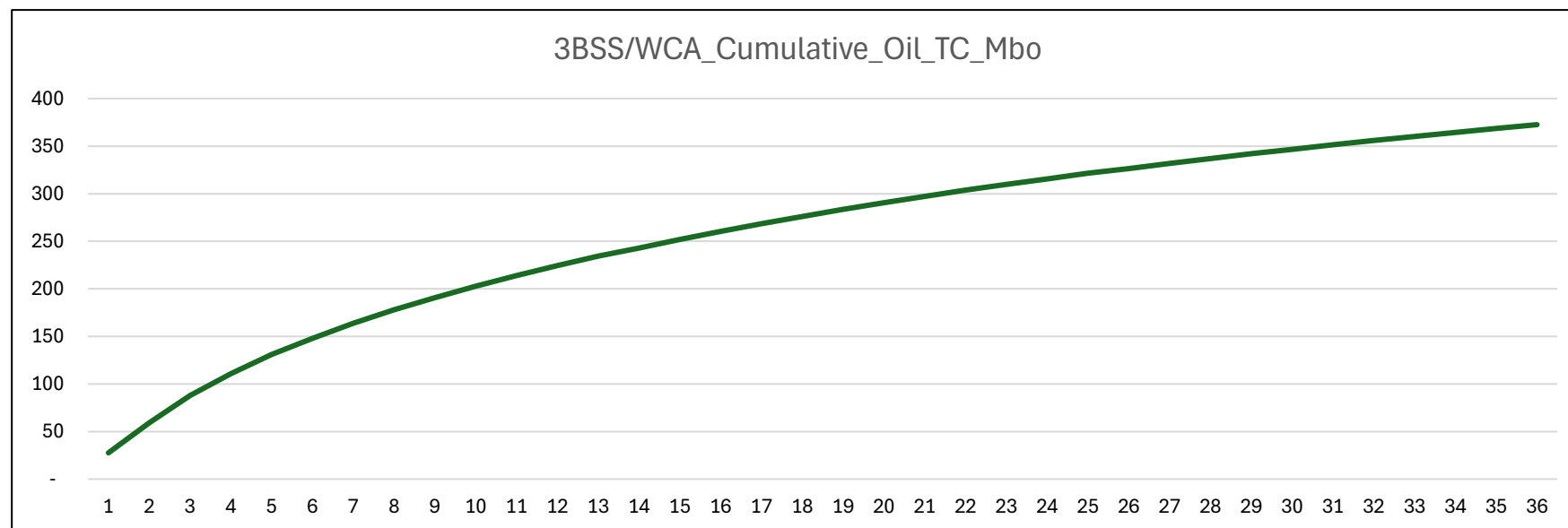
- Operator will curtail or shut in production, within reasonable limits, during upset conditions to minimize venting and flaring.
- When feasible, Operator will use equipment to capture gas that would otherwise be vented or flared.
- During completions and production operations Operator will minimize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

# Waste Minimization Plan

## Per § 3162.3-1 Drilling applications and plans. Part J:

- (1) The anticipated initial oil production rate from the oil well and the anticipated production decline over the first 3 years of production.
  - a. See attached Anticipated Production & Decline Curve
- (2) The anticipated initial oil-well gas production rate from the oil well and the anticipated production decline over the first 3 years of production.
  - a. See attached Anticipated Production & Decline Curve
- (3) Certification that the operator has a valid, executed gas sales contract to sell to a purchaser 100 percent of the produced oil-well gas, less gas anticipated for use on-lease pursuant to 43 CFR subpart 3178.
  - a. See attached NMOCD – Natural Gas Management Plan
- (4) Any other information demonstrating the operator's plans to avoid the waste of gas production from any source, including, as appropriate, from pneumatic equipment, storage tanks, and leaks.
  - a. This location will comply with NSPS OOOOb which will include reduced associated gas flaring, non-emitting pneumatic equipment, storage tanks that are controlled and a rigorous leak detection and repair program. In addition, this facility complies with 20.2.50 NMAC (Ozone Precursor Pollutants) which also imposes standards on pneumatic equipment, tank controls, and leak detection and repair. Finally, this facility must comply with 19.15.27 NMAC (Venting and Flaring of Natural Gas) which significantly reduces instances of flaring.

## Anticipated Production Decline Curve



## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                  |                                   |
|------------------|-----------------------------------|
| OPERATOR'S NAME: | CONOCOPHILLIPS COMPANY            |
| WELL NAME & NO.: | ZIA HILLS UNIT 2832 WC 708H       |
| LOCATION:        | Section 28, T.26 S., R.32 E., NMP |
| COUNTY:          | Lea County, New Mexico            |

COA

|                                  |                                                        |                                               |                                                         |
|----------------------------------|--------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------|
| H2S                              | <input checked="" type="radio"/> Yes                   | <input type="radio"/> No                      |                                                         |
| Potash                           | <input checked="" type="radio"/> None                  | <input type="radio"/> Secretary               | <input type="radio"/> R-111-P                           |
| Cave/Karst Potential             | <input type="radio"/> Low                              | <input checked="" type="radio"/> Medium       | <input type="radio"/> High                              |
| Cave/Karst Potential             | <input type="radio"/> Critical                         |                                               |                                                         |
| Variance                         | <input type="radio"/> None                             | <input checked="" type="radio"/> Flex Hose    | <input type="radio"/> Other                             |
| Wellhead                         | <input type="radio"/> Conventional                     | <input checked="" type="radio"/> Multibowl    | <input type="radio"/> Both                              |
| Wellhead Variance                | <input type="radio"/> Diverter                         |                                               |                                                         |
| Other                            | <input type="checkbox"/> 4 String                      | <input type="checkbox"/> Capitan Reef         | <input type="checkbox"/> WIPP                           |
| Other                            | <input checked="" type="checkbox"/> Fluid Filled       | <input type="checkbox"/> Pilot Hole           | <input type="checkbox"/> Open Annulus                   |
| Cementing                        | <input type="checkbox"/> Contingency<br>Cement Squeeze | <input type="checkbox"/> EchoMeter            | <input type="checkbox"/> Primary Cement<br>Squeeze      |
| Special Requirements             | <input type="checkbox"/> Water Disposal                | <input type="checkbox"/> COM                  | <input checked="" type="checkbox"/> Unit                |
| Special Requirements             | <input type="checkbox"/> Batch Sundry                  |                                               |                                                         |
| Special Requirements<br>Variance | <input checked="" type="checkbox"/> Break Testing      | <input type="checkbox"/> Offline<br>Cementing | <input checked="" type="checkbox"/> Casing<br>Clearance |

### A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet 43 CFR part 3170 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

#### Primary Casing Design:

1. The 13-3/8 inch surface casing shall be set at approximately **820 feet** (a minimum of 25 feet (Lea County) into the Rustler Anhydrite, above the salt, 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.
2. The **9-5/8** inch intermediate casing shall be set at approximately **4418 feet per BLM Geologist. Keep casing full during run for collapse safety factor.** The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:
    - 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 or potash.**  
**Cement excess is less than 25%, more cement is required if washout occurs. Adjust cement volume and excess based on a fluid caliper or similar method that reflects the as-drilled size of the wellbore.**
    - ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
  3. **Keep casing full during run for collapse safety factor.** The minimum required fill of cement behind the **7-5/8** inch intermediate liner is:
    - Cement should tie-back **100 feet** into the previous casing. Operator shall provide method of verification.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**
  4. The minimum required fill of cement behind the **5-1/2** inch production casing is:
    - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.
    - **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. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **13-3/8** inch surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000 (10M) psi. Variance is approved to use a 5000 (5M) Annular which shall be tested to 3500 (70% Working Pressure) psi.**
  - 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. 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.
  - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

## D. SPECIAL REQUIREMENT (S)

### Unit Wells

The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number when the sign is replaced.

### Commercial Well Determination

A commercial well determination shall be submitted after production has been established for at least six months. (This is not necessary for secondary recovery unit wells)

### (Note: For a minimum 5M BOPE or less (Utilizing a 10M BOPE system))

#### BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.

- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer (575-706-2779) prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per Onshore Oil and Gas Order No. 2.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

**Casing Clearance:**

- The W441 connection should tie back 500'+ into the W513 intermediate casing for clearance overlap.

Operator shall clean up cycles until wellbore is clear of cuttings and any large debris, ensure cutting sizes are adequate "coffee ground or less" 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

☒ Lea County

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,

(575) 689-5981

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
  - i. Notify the BLM when moving in and removing the Spudder Rig.
  - ii. 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.
  - iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2<sup>nd</sup> 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 intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

#### 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 3172**.
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:
  - i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - ii. 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.
  - iii. Manufacturer representative shall install the test plug for the initial BOP test.
  - iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
  - v. 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.
  - i. 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).
  - ii. 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.)

- iii. 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 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).
- iv. 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.
- v. The results of the test shall be reported to the appropriate BLM office.
- vi. 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.
- vii. 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.
- viii. 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 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.

**JS 7/2/2025**

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 520255

ACKNOWLEDGMENTS

|                                                                                    |                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817                                                      |
|                                                                                    | Action Number:<br>520255                                              |
|                                                                                    | Action Type:<br>[C-101] BLM - Federal/Indian Land Lease (Form 3160-3) |

ACKNOWLEDGMENTS

|                                     |                                                                                                                            |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well. |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------|

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

CONDITIONS

Action 520255

**CONDITIONS**

|                                                                                    |                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Operator:<br>CONOCOPHILLIPS COMPANY<br>600 W. Illinois Avenue<br>Midland, TX 79701 | OGRID:<br>217817                                                      |
|                                                                                    | Action Number:<br>520255                                              |
|                                                                                    | Action Type:<br>[C-101] BLM - Federal/Indian Land Lease (Form 3160-3) |

**CONDITIONS**

| Created By       | Condition                                                                                                                                                                                                                                                             | Condition Date |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| stanwagner       | Cement is required to circulate on both surface and intermediate1 strings of casing.                                                                                                                                                                                  | 10/27/2025     |
| stanwagner       | If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.                                                                                                                                                            | 10/27/2025     |
| jeffrey.harrison | Prior to production of this well a change to the well name/number is required to comply with the OCD well naming convention.                                                                                                                                          | 12/19/2025     |
| jeffrey.harrison | Any string of casing or liner that is not circulated to surface must have a minimum of 200' of cement tie-back into the previous string of casing.                                                                                                                    | 12/19/2025     |
| jeffrey.harrison | Administrative order required for non-standard spacing unit prior to production.                                                                                                                                                                                      | 12/19/2025     |
| jeffrey.harrison | File As Drilled C-102 and a directional Survey with C-104 completion packet.                                                                                                                                                                                          | 12/19/2025     |
| jeffrey.harrison | Notify the OCD 24 hours prior to casing & cement.                                                                                                                                                                                                                     | 12/19/2025     |
| jeffrey.harrison | 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. | 12/19/2025     |
| jeffrey.harrison | 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.                  | 12/19/2025     |