

|                                                                                                                                                                              |                                                                          |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------|
| Form 3160-5<br>(June 2019)                                                                                                                                                   | UNITED STATES<br>DEPARTMENT OF THE INTERIOR<br>BUREAU OF LAND MANAGEMENT | FORM APPROVED<br>OMB No. 1004-0137<br>Expires: October 31, 2021 |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i> |                                                                          | 5. Lease Serial No. NMNM106909                                  |
|                                                                                                                                                                              |                                                                          | 6. If Indian, Allottee or Tribe Name                            |

|                                                                                                                                  |                                                     |                                                                |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------|
| <b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>                                                                       |                                                     | 7. If Unit of CA/Agreement, Name and/or No.                    |
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |                                                     | 8. Well Name and No. KEG SHELL FEDERAL COM/705H                |
| 2. Name of Operator COG OPERATING LLC                                                                                            |                                                     | 9. API Well No. 3001548249                                     |
| 3a. Address 600 West Illinois Ave, Midland, TX 79701                                                                             | 3b. Phone No. (include area code)<br>(432) 683-7443 | 10. Field and Pool or Exploratory Area<br>Purple Sage/Wolfcamp |
| 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)<br>SEC 35/T26S/R28E/NMP                                     |                                                     | 11. Country or Parish, State<br>EDDY/NM                        |

|                                                                                      |                                                  |                                               |                                                    |                                         |
|--------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------|-----------------------------------------|
| 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA |                                                  |                                               |                                                    |                                         |
| TYPE OF SUBMISSION                                                                   | TYPE OF ACTION                                   |                                               |                                                    |                                         |
| <input checked="" type="checkbox"/> Notice of Intent                                 | <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report                                           | <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice                                    | <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|                                                                                      | <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |                                         |
|                                                                                      | <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |                                         |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

COG Operating requests a change to our approved APD for this well to reflect changes in BHL and dedicated acres.  
Change BHL from 200' FNL & 1324' FWL 23-26S-28E TO: 200' FNL & 1410' FWL 23-26S-28E.  
Change dedicated acres to 1547.18 ac.

|                                                                                                                       |                             |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)<br>STAN WAGNER / Ph: (432) 253-9685 | Title<br>Regulatory Advisor |
| Signature                                                                                                             | Date<br>06/05/2023          |

|                                                                                                                                                                                                                                                           |                            |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------|
| <b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>                                                                                                                                                                                                          |                            |                    |
| Approved by<br>GAVIN MICKWEE / Ph: (575) 234-5972 / Approved                                                                                                                                                                                              | Title<br>Land Law Examiner | Date<br>06/05/2023 |
| Conditions of approval, if any, are attached. Approval of this notice 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. | Office<br>CARLSBAD         |                    |

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.

(Instructions on page 2)

## Additional Information

### Location of Well

0. SHL: LOT 2 / 460 FSL / 1370 FWL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.001283 / LONG: -104.062387 ( TVD: 0 feet, MD: 0 feet )

PPP: LOT 2 / 330 FSL / 1430 FWL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.000926 / LONG: -104.062193 ( TVD: 9500 feet, MD: 9622 feet )

PPP: SESW / 1 FSL / 1430 FWL / TWSP: 26S / RANGE: 28E / SECTION: 26 / LAT: 32.006111 / LONG: -104.062193 ( TVD: 9581 feet, MD: 11933 feet )

PPP: SWSW / 1 FSL / 1280 FWL / TWSP: 26S / RANGE: 28E / SECTION: 23 / LAT: 32.020685 / LONG: -104.062818 ( TVD: 9600 feet, MD: 17213 feet )

BHL: NWNW / 200 FNL / 1324 FWL / TWSP: 26S / RANGE: 28E / SECTION: 23 / LAT: 32.034651 / LONG: -104.062512 ( TVD: 9616 feet, MD: 21869 feet )

CONFIDENTIAL

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                        |                                          |
|----------------------------|----------------------------------------|------------------------------------------|
| API Number<br>30-015-48249 | Pool Code<br>98220                     | Pool Name<br>Purple Sage; Wolfcamp (Gas) |
| Property Code<br>330693    | Property Name<br>KEG SHELL FEDERAL COM | Well Number<br>705H                      |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC    | Elevation<br>3029.9'                     |

**Surface Location**

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 2             | 35      | 26-S     | 28-E  |         | 460           | SOUTH            | 1370          | WEST           | EDDY   |

**Bottom Hole Location If Different From Surface**

| UL or lot No.              | Section         | Township                  | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|----------------------------|-----------------|---------------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| C                          | 23              | 26-S                      | 28-E      |         | 200           | NORTH            | 1410          | WEST           | EDDY   |
| Dedicated Acres<br>1547.18 | Joint or Infill | Consolidation Code<br>Com | Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

NAD 83 NME  
PROPOSED BOTTOM  
HOLE LOCATION  
Y=376451.4 N  
X=625343.4 E  
LAT.=32.034655° N  
LONG.=104.062235° W

| POINT LEGEND |                              |
|--------------|------------------------------|
| 1            | Y=376625.4 N<br>X=623933.6 E |
| 2            | Y=371372.5 N<br>X=623895.0 E |
| 3            | Y=368720.0 N<br>X=623950.1 E |
| 4            | Y=366069.6 N<br>X=623952.4 E |
| 5            | Y=363845.3 N<br>X=623957.9 E |
| 6            | Y=363857.5 N<br>X=626664.9 E |
| 7            | Y=366066.4 N<br>X=626603.9 E |
| 8            | Y=371365.3 N<br>X=626543.8 E |
| 9            | Y=376674.4 N<br>X=626590.4 E |

NAD 83 NME  
SURFACE LOCATION  
Y=364311.5 N  
X=625326.7 E  
LAT.=32.001283° N  
LONG.=104.062387° W

LTP  
330' FNL & 1410' FWL  
Y=376321.4 N  
X=625343.7 E  
LAT.=32.034298° N  
LONG.=104.062235° W

PPP4  
2670' FSL & 1417' FWL  
Y=374039.1 N  
X=625348.1 E  
LAT.=32.028024° N  
LONG.=104.062239° W

PPP3  
1458' FWL  
Y=371368.6 N  
X=625353.2 E  
LAT.=32.020683° N  
LONG.=104.062244° W

PPP2  
1411' FWL  
Y=366067.9 N  
X=625363.4 E  
LAT.=32.006111° N  
LONG.=104.062254° W

PPP1/FTP  
330' FSL & 1410' FWL  
Y=364181.7 N  
X=625367.0 E  
LAT.=32.000926° N  
LONG.=104.062258° W  
GRID AZ. TO FTP  
162°44'48"

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

*Stan Wagner* 5/18/23  
Signature Date  
Stan Wagner  
Printed Name

E-mail Address

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

OCTOBER 13, 2020  
Date of Survey

Signature & Seal of Professional Surveyor

*Chad Harcrow* 3/16/23  
Certificate No. CHAD HARCROW 17777  
W.O. # 23-163 DRAWN BY: WN

# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**KEG SHELL FED COM PROJECT**

**KEG SHELL FEDERAL COM #705H**

**300154824900**

**OWB**

**PWP2**

## **Anticollision Report**

**17 May, 2023**

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| Reference                    | PWP2                                                                |                |                       |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                       |
| Interpolation Method:        | MD Interval 100.0usft                                               | Error Model:   | ISCWSA                |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D   |
| Results Limited by:          | Maximum centre distance of 1,000.0usft                              | Error Surface: | Combined Pedal Curve  |
| Warning Levels Evaluated at: | 2.79 Sigma                                                          | Casing Method: | Added to Error Values |

| Survey Tool Program |              | Date              | 5/16/2023            |                                                    |  |
|---------------------|--------------|-------------------|----------------------|----------------------------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name            | Description                                        |  |
| 0.0                 | 1,506.4      | PWP2 (OWB)        | r.5 SDI_KPR_WL_NS-CT | SDI Keeper Wireline Gyrocomp.-Initalzd Cont. rev.5 |  |
| 1,506.4             | 9,100.7      | PWP2 (OWB)        | r.5 MWD+IFR1+MS      | OWSG MWD + IFR1 + Multi-Station Correction rev.5   |  |
| 9,100.7             | 21,782.7     | PWP2 (OWB)        | r.5 MWD+IFR1+MS      | OWSG MWD + IFR1 + Multi-Station Correction rev.5   |  |

| Summary                                  |                                 |                              |                                 |                                  |                   |            |
|------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------|
| Site Name                                | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning    |
| Offset Well - Wellbore - Design          |                                 |                              |                                 |                                  |                   |            |
| KEG SHELL FED COM PROJECT                |                                 |                              |                                 |                                  |                   |            |
| KEG SHELL FEDERAL COM #704H - OWB - PWP2 | 1,500.0                         | 1,499.6                      | 30.0                            | 20.7                             | 3.226             | CC, ES, SF |
| KEG SHELL FEDERAL COM #706H - OWB - PWP2 | 1,466.6                         | 1,466.9                      | 29.9                            | 20.7                             | 3.235             | CC         |
| KEG SHELL FEDERAL COM #706H - OWB - PWP2 | 1,500.0                         | 1,500.0                      | 29.9                            | 20.6                             | 3.216             | ES, SF     |
| KEG SHELL FEDERAL COM #906H - OWB - PWP1 | 4,800.0                         | 4,843.4                      | 93.1                            | 71.3                             | 4.267             | ES, SF     |
| KEG SHELL FEDERAL COM #906H - OWB - PWP1 | 4,817.0                         | 4,859.9                      | 93.0                            | 71.3                             | 4.284             | CC         |
| KEG SHELL FEDERAL COM #907H - OWB - PWP1 | 5,822.9                         | 5,860.0                      | 58.1                            | 34.7                             | 2.487             | CC, ES     |
| KEG SHELL FEDERAL COM #907H - OWB - PWP1 | 5,900.0                         | 5,934.6                      | 61.2                            | 34.8                             | 2.317             | SF         |
| KEG SHELL FEDERAL COM #908H - OWB - PWP1 | 5,977.5                         | 5,984.3                      | 426.6                           | 407.1                            | 21.877            | CC         |
| KEG SHELL FEDERAL COM #908H - OWB - PWP1 | 6,000.0                         | 6,006.5                      | 426.6                           | 407.1                            | 21.825            | ES         |
| KEG SHELL FEDERAL COM #908H - OWB - PWP1 | 21,783.2                        | 22,724.0                     | 885.3                           | 690.4                            | 4.543             | SF         |
| KEG SHELL FEDERAL COM #909H - OWB - PWP1 | 1,500.0                         | 1,499.8                      | 490.0                           | 480.7                            | 52.645            | CC, ES     |
| KEG SHELL FEDERAL COM #909H - OWB - PWP1 | 4,900.0                         | 4,780.8                      | 991.3                           | 966.1                            | 39.328            | SF         |

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| TD Summary                               |                                 |                              |                                 |                                  |                   |                  |
|------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|------------------|
| Site Name                                | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning          |
| Offset Well - Wellbore - Design          |                                 |                              |                                 |                                  |                   |                  |
| KEG SHELL FED COM PROJECT                |                                 |                              |                                 |                                  |                   |                  |
| KEG SHELL FEDERAL COM #704H - OWB - PWP2 | 21,783.2                        | 21,949.5                     | 869.8                           | 680.4                            | 4.593             |                  |
| KEG SHELL FEDERAL COM #706H - OWB - PWP2 | 21,783.2                        | 22,105.4                     | 861.3                           | 672.0                            | 4.552             |                  |
| KEG SHELL FEDERAL COM #906H - OWB - PWP1 | 21,783.2                        | 22,896.2                     |                                 |                                  |                   | Out of Range @TD |
| KEG SHELL FEDERAL COM #907H - OWB - PWP1 | 21,783.2                        | 22,813.5                     | 886.0                           | 690.4                            | 4.530             |                  |
| KEG SHELL FEDERAL COM #908H - OWB - PWP1 | 21,783.2                        | 22,724.0                     | 885.3                           | 690.4                            | 4.543             | SF               |
| KEG SHELL FEDERAL COM #909H - OWB - PWP1 | 21,783.2                        | 22,947.3                     |                                 |                                  |                   | Out of Range @TD |

| Offset Design: KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #704H - OWB - PWP2 |                       |                       |                       |                  |               |                       |              |                 |                        |                         |                           |                   | Offset Site Error: | 3.0 usft           |          |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|--------------|-----------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|--------------------|----------|
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9300-r.5 MWD+IFR1+MS  |                       |                       |                       | Reference        |               | 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) | Minimum Separation (usft) | Separation Factor | Warning            |                    |          |
| 0.0                                                                                 | 0.0                   | 0.0                   | 0.4                   | 3.0              | 3.0           | 89.62                 | 0.2          | 30.0            | 30.0                   |                         |                           |                   |                    |                    |          |
| 100.0                                                                               | 100.0                 | 99.6                  | 100.0                 | 3.0              | 3.0           | 89.62                 | 0.2          | 30.0            | 30.0                   | 23.5                    | 6.51                      | 4.606             |                    |                    |          |
| 200.0                                                                               | 200.0                 | 199.6                 | 200.0                 | 3.2              | 3.2           | 89.62                 | 0.2          | 30.0            | 30.0                   | 23.2                    | 6.75                      | 4.442             |                    |                    |          |
| 300.0                                                                               | 300.0                 | 299.6                 | 300.0                 | 3.3              | 3.3           | 89.62                 | 0.2          | 30.0            | 30.0                   | 23.0                    | 6.98                      | 4.295             |                    |                    |          |
| 400.0                                                                               | 400.0                 | 399.6                 | 400.0                 | 3.4              | 3.4           | 89.62                 | 0.2          | 30.0            | 30.0                   | 22.8                    | 7.21                      | 4.162             |                    |                    |          |
| 500.0                                                                               | 500.0                 | 499.6                 | 500.0                 | 3.5              | 3.5           | 89.62                 | 0.2          | 30.0            | 30.0                   | 22.6                    | 7.42                      | 4.041             |                    |                    |          |
| 600.0                                                                               | 600.0                 | 599.6                 | 600.0                 | 3.7              | 3.7           | 89.62                 | 0.2          | 30.0            | 30.0                   | 22.4                    | 7.63                      | 3.930             |                    |                    |          |
| 700.0                                                                               | 700.0                 | 699.6                 | 700.0                 | 3.8              | 3.8           | 89.62                 | 0.2          | 30.0            | 30.0                   | 22.2                    | 7.84                      | 3.828             |                    |                    |          |
| 800.0                                                                               | 800.0                 | 799.6                 | 800.0                 | 3.9              | 3.9           | 89.62                 | 0.2          | 30.0            | 30.0                   | 22.0                    | 8.04                      | 3.733             |                    |                    |          |
| 900.0                                                                               | 900.0                 | 899.6                 | 900.0                 | 4.0              | 4.0           | 89.62                 | 0.2          | 30.0            | 30.0                   | 21.8                    | 8.23                      | 3.646             |                    |                    |          |
| 1,000.0                                                                             | 1,000.0               | 999.6                 | 1,000.0               | 4.2              | 4.2           | 89.62                 | 0.2          | 30.0            | 30.0                   | 21.6                    | 8.42                      | 3.564             |                    |                    |          |
| 1,100.0                                                                             | 1,100.0               | 1,099.6               | 1,100.0               | 4.3              | 4.3           | 89.62                 | 0.2          | 30.0            | 30.0                   | 21.4                    | 8.60                      | 3.488             |                    |                    |          |
| 1,200.0                                                                             | 1,200.0               | 1,199.6               | 1,200.0               | 4.4              | 4.4           | 89.62                 | 0.2          | 30.0            | 30.0                   | 21.2                    | 8.78                      | 3.416             |                    |                    |          |
| 1,300.0                                                                             | 1,300.0               | 1,299.6               | 1,300.0               | 4.5              | 4.5           | 89.62                 | 0.2          | 30.0            | 30.0                   | 21.0                    | 8.96                      | 3.349             |                    |                    |          |
| 1,400.0                                                                             | 1,400.0               | 1,399.6               | 1,400.0               | 4.6              | 4.6           | 89.62                 | 0.2          | 30.0            | 30.0                   | 20.9                    | 9.13                      | 3.286             |                    |                    |          |
| 1,500.0                                                                             | 1,500.0               | 1,499.6               | 1,500.0               | 4.7              | 4.7           | 89.62                 | 0.2          | 30.0            | 30.0                   | 20.7                    | 9.30                      | 3.226             | CC, ES, SF         |                    |          |
| 1,600.0                                                                             | 1,600.0               | 1,598.6               | 1,599.0               | 4.9              | 4.9           | -81.64                | -0.2         | 31.6            | 31.4                   | 21.8                    | 9.56                      | 3.280             |                    |                    |          |
| 1,700.0                                                                             | 1,699.8               | 1,697.3               | 1,697.6               | 5.2              | 5.0           | -87.30                | -1.6         | 36.6            | 35.7                   | 25.7                    | 9.96                      | 3.583             |                    |                    |          |
| 1,800.0                                                                             | 1,799.5               | 1,795.7               | 1,795.6               | 5.5              | 5.3           | -94.05                | -3.7         | 44.7            | 43.5                   | 33.1                    | 10.37                     | 4.196             |                    |                    |          |
| 1,900.0                                                                             | 1,898.8               | 1,893.6               | 1,892.7               | 5.6              | 5.5           | -99.29                | -6.8         | 56.1            | 54.9                   | 44.2                    | 10.72                     | 5.126             |                    |                    |          |
| 2,000.0                                                                             | 1,998.2               | 1,990.8               | 1,988.8               | 5.9              | 5.9           | -101.08               | -10.7        | 70.5            | 69.3                   | 58.2                    | 11.11                     | 6.238             |                    |                    |          |
| 2,100.0                                                                             | 2,097.5               | 2,087.3               | 2,083.6               | 6.1              | 6.2           | -100.88               | -15.3        | 87.9            | 86.4                   | 74.9                    | 11.52                     | 7.501             |                    |                    |          |
| 2,200.0                                                                             | 2,196.9               | 2,185.2               | 2,179.3               | 6.4              | 6.5           | -100.05               | -20.6        | 107.6           | 105.1                  | 93.2                    | 11.92                     | 8.817             |                    |                    |          |
| 2,300.0                                                                             | 2,296.2               | 2,283.4               | 2,275.4               | 6.7              | 6.8           | -99.46                | -25.9        | 127.3           | 123.9                  | 111.5                   | 12.34                     | 10.037            |                    |                    |          |
| 2,400.0                                                                             | 2,395.6               | 2,381.6               | 2,371.5               | 7.0              | 7.1           | -99.02                | -31.2        | 147.0           | 142.7                  | 129.9                   | 12.78                     | 11.164            |                    |                    |          |

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

## ConocoPhillips

### Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #704H - OWB - PWP2 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9300-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  |                          | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>           | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,479.8                      | 2,467.6                      | 7.3                     | 7.4                  | -98.69                       | -36.4               | 166.8                         | 161.4                         | 148.2                          | 13.23                            | 12.204                   |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,578.1                      | 2,563.6                      | 7.6                     | 7.8                  | -98.43                       | -41.7               | 186.5                         | 180.2                         | 166.5                          | 13.69                            | 13.163                   |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,676.3                      | 2,659.7                      | 7.9                     | 8.1                  | -98.21                       | -47.0               | 206.2                         | 199.0                         | 184.8                          | 14.16                            | 14.049                   |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,774.5                      | 2,755.8                      | 8.3                     | 8.5                  | -98.04                       | -52.3               | 225.9                         | 217.8                         | 203.1                          | 14.65                            | 14.867                   |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,872.7                      | 2,851.8                      | 8.6                     | 8.9                  | -97.89                       | -57.6               | 245.7                         | 236.6                         | 221.4                          | 15.14                            | 15.623                   |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 2,970.9                      | 2,947.9                      | 8.9                     | 9.3                  | -97.76                       | -62.9               | 265.4                         | 255.3                         | 239.7                          | 15.64                            | 16.323                   |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,069.1                      | 3,044.0                      | 9.3                     | 9.7                  | -97.65                       | -68.2               | 285.1                         | 274.1                         | 258.0                          | 16.15                            | 16.971                   |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,167.4                      | 3,140.1                      | 9.6                     | 10.1                 | -97.56                       | -73.4               | 304.8                         | 292.9                         | 276.3                          | 16.67                            | 17.573                   |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,265.6                      | 3,236.1                      | 10.0                    | 10.5                 | -97.47                       | -78.7               | 324.5                         | 311.7                         | 294.5                          | 17.19                            | 18.132                   |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,363.8                      | 3,332.2                      | 10.3                    | 10.9                 | -97.45                       | -84.0               | 344.3                         | 330.5                         | 312.8                          | 17.68                            | 18.697                   |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,462.0                      | 3,428.3                      | 10.7                    | 11.3                 | -97.27                       | -89.3               | 364.0                         | 349.0                         | 330.8                          | 18.22                            | 19.156                   |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,560.3                      | 3,524.4                      | 11.0                    | 11.7                 | -96.85                       | -94.6               | 383.7                         | 367.4                         | 348.6                          | 18.78                            | 19.560                   |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,658.4                      | 3,620.4                      | 11.4                    | 12.1                 | -96.22                       | -99.9               | 403.4                         | 385.6                         | 366.3                          | 19.36                            | 19.915                   |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,756.6                      | 3,716.4                      | 11.7                    | 12.6                 | -95.42                       | -105.1              | 423.2                         | 403.8                         | 383.8                          | 19.96                            | 20.227                   |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,854.6                      | 3,812.3                      | 12.0                    | 13.0                 | -94.46                       | -110.4              | 442.8                         | 421.9                         | 401.3                          | 20.58                            | 20.501                   |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 3,952.5                      | 3,908.0                      | 12.1                    | 13.4                 | -75.64                       | -115.7              | 462.5                         | 440.0                         | 418.8                          | 21.19                            | 20.768                   |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 4,050.3                      | 4,003.7                      | 12.2                    | 13.9                 | 76.91                        | -120.9              | 482.1                         | 458.4                         | 436.5                          | 21.88                            | 20.947                   |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,148.1                      | 4,099.3                      | 12.3                    | 14.3                 | 78.08                        | -126.2              | 501.8                         | 476.9                         | 454.4                          | 22.50                            | 21.190                   |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,245.9                      | 4,195.0                      | 12.3                    | 14.7                 | 79.16                        | -131.5              | 521.4                         | 495.6                         | 472.5                          | 23.13                            | 21.423                   |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,343.7                      | 4,290.7                      | 12.4                    | 15.2                 | 80.17                        | -136.7              | 541.1                         | 514.5                         | 490.7                          | 23.77                            | 21.645                   |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,441.5                      | 4,386.4                      | 12.4                    | 15.6                 | 81.10                        | -142.0              | 560.7                         | 533.5                         | 509.1                          | 24.41                            | 21.858                   |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,539.3                      | 4,482.1                      | 12.5                    | 16.0                 | 81.97                        | -147.3              | 580.4                         | 552.6                         | 527.6                          | 25.05                            | 22.062                   |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,637.2                      | 4,577.7                      | 12.5                    | 16.5                 | 82.78                        | -152.5              | 600.0                         | 571.9                         | 546.2                          | 25.69                            | 22.258                   |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,735.0                      | 4,673.4                      | 12.6                    | 16.9                 | 83.54                        | -157.8              | 619.6                         | 591.2                         | 564.9                          | 26.34                            | 22.446                   |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,832.8                      | 4,769.1                      | 12.6                    | 17.4                 | 84.26                        | -163.1              | 639.3                         | 610.7                         | 583.7                          | 26.99                            | 22.628                   |                                    |
| 5,000.0                                                                                    | 4,988.1                      | 4,930.6                      | 4,864.8                      | 12.7                    | 17.8                 | 84.92                        | -168.3              | 658.9                         | 630.2                         | 602.6                          | 27.64                            | 22.803                   |                                    |
| 5,100.0                                                                                    | 5,088.1                      | 5,028.4                      | 4,960.4                      | 12.7                    | 18.3                 | 85.55                        | -173.6              | 678.6                         | 649.8                         | 621.5                          | 28.29                            | 22.971                   |                                    |
| 5,200.0                                                                                    | 5,188.1                      | 5,126.2                      | 5,056.1                      | 12.8                    | 18.7                 | 86.14                        | -178.8              | 698.2                         | 669.5                         | 640.6                          | 28.94                            | 23.134                   |                                    |
| 5,300.0                                                                                    | 5,288.1                      | 5,224.0                      | 5,151.8                      | 12.8                    | 19.2                 | 86.70                        | -184.1              | 717.9                         | 689.3                         | 659.7                          | 29.59                            | 23.290                   |                                    |
| 5,400.0                                                                                    | 5,388.1                      | 5,321.9                      | 5,247.5                      | 12.9                    | 19.6                 | 87.23                        | -189.4              | 737.5                         | 709.1                         | 678.8                          | 30.25                            | 23.441                   |                                    |
| 5,500.0                                                                                    | 5,488.1                      | 5,419.7                      | 5,343.2                      | 12.9                    | 20.1                 | 87.72                        | -194.6              | 757.2                         | 728.9                         | 698.0                          | 30.90                            | 23.587                   |                                    |
| 5,600.0                                                                                    | 5,588.1                      | 5,517.5                      | 5,438.8                      | 13.0                    | 20.5                 | 88.20                        | -199.9              | 776.8                         | 748.8                         | 717.3                          | 31.56                            | 23.731                   |                                    |
| 5,700.0                                                                                    | 5,688.1                      | 5,622.6                      | 5,541.7                      | 13.0                    | 21.0                 | 88.67                        | -205.5              | 797.6                         | 768.6                         | 736.3                          | 32.24                            | 23.843                   |                                    |
| 5,800.0                                                                                    | 5,788.1                      | 5,735.5                      | 5,652.6                      | 13.1                    | 21.5                 | 89.11                        | -211.0              | 818.2                         | 786.7                         | 753.8                          | 32.96                            | 23.868                   |                                    |
| 5,900.0                                                                                    | 5,888.1                      | 5,849.3                      | 5,764.7                      | 13.1                    | 22.0                 | 89.49                        | -216.0              | 836.8                         | 803.0                         | 769.4                          | 33.66                            | 23.856                   |                                    |
| 6,000.0                                                                                    | 5,988.1                      | 5,963.8                      | 5,878.0                      | 13.2                    | 22.5                 | 89.82                        | -220.4              | 853.3                         | 817.4                         | 783.1                          | 34.33                            | 23.808                   |                                    |
| 6,100.0                                                                                    | 6,088.1                      | 6,079.0                      | 5,992.1                      | 13.2                    | 23.0                 | 90.09                        | -224.3              | 867.7                         | 830.0                         | 795.0                          | 34.98                            | 23.729                   |                                    |
| 6,200.0                                                                                    | 6,188.1                      | 6,194.7                      | 6,107.2                      | 13.3                    | 23.4                 | 90.31                        | -227.6              | 880.0                         | 840.6                         | 805.0                          | 35.59                            | 23.621                   |                                    |
| 6,300.0                                                                                    | 6,288.1                      | 6,310.9                      | 6,222.9                      | 13.3                    | 23.9                 | 90.49                        | -230.2              | 890.0                         | 849.2                         | 813.1                          | 36.15                            | 23.490                   |                                    |
| 6,400.0                                                                                    | 6,388.1                      | 6,427.4                      | 6,339.2                      | 13.4                    | 24.3                 | 90.63                        | -232.3              | 897.8                         | 855.9                         | 819.3                          | 36.67                            | 23.339                   |                                    |
| 6,500.0                                                                                    | 6,488.1                      | 6,544.3                      | 6,455.9                      | 13.5                    | 24.7                 | 90.72                        | -233.8              | 903.4                         | 860.7                         | 823.5                          | 37.14                            | 23.173                   |                                    |
| 6,600.0                                                                                    | 6,588.1                      | 6,661.3                      | 6,572.8                      | 13.5                    | 25.0                 | 90.77                        | -234.7              | 906.6                         | 863.4                         | 825.9                          | 37.53                            | 23.004                   |                                    |
| 6,700.0                                                                                    | 6,688.1                      | 6,776.6                      | 6,688.1                      | 13.6                    | 25.2                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.5                          | 37.73                            | 22.908                   |                                    |
| 6,800.0                                                                                    | 6,788.1                      | 6,876.6                      | 6,788.1                      | 13.6                    | 25.3                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.4                          | 37.79                            | 22.869                   |                                    |
| 6,900.0                                                                                    | 6,888.1                      | 6,976.6                      | 6,888.1                      | 13.7                    | 25.3                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.4                          | 37.86                            | 22.825                   |                                    |
| 7,000.0                                                                                    | 6,988.1                      | 7,076.6                      | 6,988.1                      | 13.7                    | 25.3                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.3                          | 37.94                            | 22.781                   |                                    |
| 7,100.0                                                                                    | 7,088.1                      | 7,176.6                      | 7,088.1                      | 13.8                    | 25.3                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.2                          | 38.01                            | 22.737                   |                                    |
| 7,200.0                                                                                    | 7,188.1                      | 7,276.6                      | 7,188.1                      | 13.8                    | 25.4                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.1                          | 38.09                            | 22.692                   |                                    |
| 7,300.0                                                                                    | 7,288.1                      | 7,376.6                      | 7,288.1                      | 13.9                    | 25.4                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.1                          | 38.16                            | 22.648                   |                                    |
| 7,400.0                                                                                    | 7,388.1                      | 7,476.6                      | 7,388.1                      | 14.0                    | 25.4                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 826.0                          | 38.24                            | 22.603                   |                                    |
| 7,500.0                                                                                    | 7,488.1                      | 7,576.6                      | 7,488.1                      | 14.0                    | 25.4                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 825.9                          | 38.31                            | 22.558                   |                                    |
| 7,600.0                                                                                    | 7,588.1                      | 7,676.6                      | 7,588.1                      | 14.1                    | 25.5                 | 90.79                        | -234.9              | 907.5                         | 864.2                         | 825.8                          | 38.39                            | 22.513                   |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| Offset Design: KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #704H - OWB - PWP2 |                       |                                                                    |                       |                  |               |                        |              |              |                        |                         |                           |                   | Offset Site Error: 3.0 usft |  |  |
|-------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|--|
| Survey Program:                                                                     |                       | 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9300-r.5 MWD+IFR1+MS |                       |                  |               |                        |              |              | Rule Assigned:         |                         |                           |                   | Offset Well Error: 3.0 usft |  |  |
| Reference                                                                           |                       | Offset                                                             |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance     |                        |                         |                           |                   |                             |  |  |
| Measured Depth (usft)                                                               | Vertical Depth (usft) | Measured Depth (usft)                                              | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                     |  |  |
| 7,700.0                                                                             | 7,688.1               | 7,776.6                                                            | 7,688.1               | 14.1             | 25.5          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.8                   | 38.46                     | 22.468            |                             |  |  |
| 7,800.0                                                                             | 7,788.1               | 7,876.6                                                            | 7,788.1               | 14.2             | 25.5          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.7                   | 38.54                     | 22.423            |                             |  |  |
| 7,900.0                                                                             | 7,888.1               | 7,976.6                                                            | 7,888.1               | 14.3             | 25.5          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.6                   | 38.62                     | 22.378            |                             |  |  |
| 8,000.0                                                                             | 7,988.1               | 8,076.6                                                            | 7,988.1               | 14.3             | 25.6          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.5                   | 38.70                     | 22.333            |                             |  |  |
| 8,100.0                                                                             | 8,088.1               | 8,176.6                                                            | 8,088.1               | 14.4             | 25.6          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.5                   | 38.78                     | 22.287            |                             |  |  |
| 8,200.0                                                                             | 8,188.1               | 8,276.6                                                            | 8,188.1               | 14.4             | 25.6          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.4                   | 38.86                     | 22.241            |                             |  |  |
| 8,300.0                                                                             | 8,288.1               | 8,376.6                                                            | 8,288.1               | 14.5             | 25.7          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.3                   | 38.94                     | 22.196            |                             |  |  |
| 8,400.0                                                                             | 8,388.1               | 8,476.6                                                            | 8,388.1               | 14.6             | 25.7          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.2                   | 39.02                     | 22.150            |                             |  |  |
| 8,500.0                                                                             | 8,488.1               | 8,576.6                                                            | 8,488.1               | 14.6             | 25.7          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.1                   | 39.10                     | 22.104            |                             |  |  |
| 8,600.0                                                                             | 8,588.1               | 8,676.6                                                            | 8,588.1               | 14.7             | 25.8          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.1                   | 39.18                     | 22.058            |                             |  |  |
| 8,700.0                                                                             | 8,688.1               | 8,776.6                                                            | 8,688.1               | 14.7             | 25.8          | 90.79                  | -234.9       | 907.5        | 864.2                  | 825.0                   | 39.26                     | 22.012            |                             |  |  |
| 8,800.0                                                                             | 8,788.1               | 8,876.6                                                            | 8,788.1               | 14.8             | 25.8          | 90.79                  | -234.9       | 907.5        | 864.2                  | 824.9                   | 39.34                     | 21.966            |                             |  |  |
| 8,900.0                                                                             | 8,888.1               | 8,976.6                                                            | 8,888.1               | 14.9             | 25.8          | 90.79                  | -234.9       | 907.5        | 864.2                  | 824.8                   | 39.43                     | 21.919            |                             |  |  |
| 9,000.0                                                                             | 8,988.1               | 9,076.6                                                            | 8,988.1               | 14.9             | 25.9          | 90.79                  | -234.9       | 907.5        | 864.2                  | 824.7                   | 39.51                     | 21.873            |                             |  |  |
| 9,100.0                                                                             | 9,088.1               | 9,176.6                                                            | 9,088.1               | 15.0             | 25.9          | 90.79                  | -234.9       | 907.5        | 864.2                  | 824.6                   | 39.60                     | 21.827            |                             |  |  |
| 9,104.4                                                                             | 9,092.6               | 9,181.1                                                            | 9,092.6               | 15.0             | 25.9          | 90.91                  | -234.9       | 907.5        | 864.2                  | 824.6                   | 39.60                     | 21.825            |                             |  |  |
| 9,200.0                                                                             | 9,188.0               | 9,276.5                                                            | 9,188.0               | 15.0             | 25.9          | 91.10                  | -234.9       | 907.5        | 864.3                  | 824.6                   | 39.67                     | 21.785            |                             |  |  |
| 9,300.0                                                                             | 9,285.6               | 9,379.6                                                            | 9,290.8               | 15.1             | 25.9          | 92.08                  | -228.4       | 907.5        | 864.7                  | 824.9                   | 39.76                     | 21.748            |                             |  |  |
| 9,400.0                                                                             | 9,376.5               | 9,487.4                                                            | 9,394.2               | 15.2             | 26.0          | 93.04                  | -198.7       | 907.4        | 865.4                  | 825.6                   | 39.76                     | 21.763            |                             |  |  |
| 9,500.0                                                                             | 9,456.9               | 9,599.0                                                            | 9,491.4               | 15.3             | 26.0          | 93.88                  | -144.6       | 907.3        | 866.1                  | 826.4                   | 39.70                     | 21.819            |                             |  |  |
| 9,600.0                                                                             | 9,523.3               | 9,713.9                                                            | 9,575.6               | 15.4             | 26.0          | 94.53                  | -66.8        | 907.2        | 866.9                  | 827.3                   | 39.59                     | 21.898            |                             |  |  |
| 9,700.0                                                                             | 9,572.8               | 9,831.5                                                            | 9,640.1               | 15.5             | 26.0          | 94.96                  | 31.2         | 907.0        | 867.4                  | 827.9                   | 39.48                     | 21.972            |                             |  |  |
| 9,800.0                                                                             | 9,603.1               | 9,950.6                                                            | 9,679.0               | 15.5             | 26.1          | 95.13                  | 143.5        | 906.7        | 867.6                  | 828.2                   | 39.42                     | 22.010            |                             |  |  |
| 9,899.4                                                                             | 9,613.4               | 10,065.7                                                           | 9,689.5               | 15.6             | 26.2          | 95.03                  | 257.9        | 906.5        | 867.5                  | 828.0                   | 39.48                     | 21.972            |                             |  |  |
| 9,900.0                                                                             | 9,613.0               | 10,066.3                                                           | 9,689.5               | 15.6             | 26.2          | 95.06                  | 258.5        | 906.5        | 867.5                  | 828.1                   | 39.48                     | 21.974            |                             |  |  |
| 10,000.0                                                                            | 9,613.4               | 10,166.3                                                           | 9,690.0               | 15.6             | 26.3          | 95.07                  | 358.5        | 906.3        | 867.6                  | 827.8                   | 39.74                     | 21.833            |                             |  |  |
| 10,100.0                                                                            | 9,613.8               | 10,266.3                                                           | 9,690.6               | 15.6             | 26.5          | 95.07                  | 458.5        | 906.1        | 867.6                  | 827.5                   | 40.05                     | 21.663            |                             |  |  |
| 10,200.0                                                                            | 9,614.3               | 10,366.3                                                           | 9,691.1               | 15.7             | 26.6          | 95.08                  | 558.5        | 905.9        | 867.6                  | 827.2                   | 40.42                     | 21.466            |                             |  |  |
| 10,300.0                                                                            | 9,614.7               | 10,466.3                                                           | 9,691.7               | 15.7             | 26.8          | 95.09                  | 658.5        | 905.7        | 867.6                  | 826.8                   | 40.84                     | 21.245            |                             |  |  |
| 10,400.0                                                                            | 9,615.2               | 10,566.3                                                           | 9,692.2               | 15.7             | 27.0          | 95.10                  | 758.5        | 905.4        | 867.6                  | 826.3                   | 41.31                     | 21.003            |                             |  |  |
| 10,500.0                                                                            | 9,615.6               | 10,666.3                                                           | 9,692.8               | 15.8             | 27.2          | 95.10                  | 858.4        | 905.2        | 867.6                  | 825.8                   | 41.83                     | 20.742            |                             |  |  |
| 10,600.0                                                                            | 9,616.0               | 10,766.3                                                           | 9,693.3               | 15.8             | 27.5          | 95.11                  | 958.4        | 905.0        | 867.7                  | 825.3                   | 42.40                     | 20.464            |                             |  |  |
| 10,700.0                                                                            | 9,616.5               | 10,866.3                                                           | 9,693.9               | 15.9             | 27.7          | 95.12                  | 1,058.4      | 904.8        | 867.7                  | 824.7                   | 43.02                     | 20.171            |                             |  |  |
| 10,800.0                                                                            | 9,616.9               | 10,966.3                                                           | 9,694.4               | 16.1             | 28.0          | 95.13                  | 1,158.4      | 904.6        | 867.7                  | 824.0                   | 43.67                     | 19.868            |                             |  |  |
| 10,900.0                                                                            | 9,617.3               | 11,066.3                                                           | 9,695.0               | 16.3             | 28.3          | 95.13                  | 1,258.4      | 904.4        | 867.7                  | 823.3                   | 44.37                     | 19.554            |                             |  |  |
| 11,000.0                                                                            | 9,617.8               | 11,166.3                                                           | 9,695.5               | 16.7             | 28.6          | 95.14                  | 1,358.4      | 904.2        | 867.7                  | 822.6                   | 45.12                     | 19.234            |                             |  |  |
| 11,100.0                                                                            | 9,618.2               | 11,266.3                                                           | 9,696.1               | 17.1             | 28.9          | 95.15                  | 1,458.4      | 904.0        | 867.8                  | 821.9                   | 45.89                     | 18.908            |                             |  |  |
| 11,200.0                                                                            | 9,618.6               | 11,366.3                                                           | 9,696.6               | 17.6             | 29.2          | 95.16                  | 1,558.4      | 903.8        | 867.8                  | 821.1                   | 46.71                     | 18.579            |                             |  |  |
| 11,300.0                                                                            | 9,619.1               | 11,466.3                                                           | 9,697.2               | 18.2             | 29.6          | 95.17                  | 1,658.4      | 903.6        | 867.8                  | 820.2                   | 47.56                     | 18.248            |                             |  |  |
| 11,400.0                                                                            | 9,619.5               | 11,566.3                                                           | 9,697.7               | 18.7             | 29.9          | 95.17                  | 1,758.4      | 903.4        | 867.8                  | 819.4                   | 48.44                     | 17.916            |                             |  |  |
| 11,500.0                                                                            | 9,619.9               | 11,666.3                                                           | 9,698.3               | 19.3             | 30.3          | 95.18                  | 1,858.4      | 903.2        | 867.8                  | 818.5                   | 49.35                     | 17.586            |                             |  |  |
| 11,600.0                                                                            | 9,620.4               | 11,766.3                                                           | 9,698.8               | 19.9             | 30.7          | 95.19                  | 1,958.4      | 903.0        | 867.8                  | 817.6                   | 50.29                     | 17.257            |                             |  |  |
| 11,700.0                                                                            | 9,620.8               | 11,866.3                                                           | 9,699.4               | 20.5             | 31.1          | 95.20                  | 2,058.4      | 902.8        | 867.9                  | 816.6                   | 51.26                     | 16.932            |                             |  |  |
| 11,800.0                                                                            | 9,621.2               | 11,966.3                                                           | 9,699.9               | 21.1             | 31.5          | 95.20                  | 2,158.4      | 902.6        | 867.9                  | 815.6                   | 52.25                     | 16.610            |                             |  |  |
| 11,900.0                                                                            | 9,621.7               | 12,066.3                                                           | 9,700.5               | 21.8             | 31.9          | 95.21                  | 2,258.4      | 902.4        | 867.9                  | 814.6                   | 53.27                     | 16.293            |                             |  |  |
| 12,000.0                                                                            | 9,622.1               | 12,166.3                                                           | 9,701.0               | 22.4             | 32.4          | 95.22                  | 2,358.4      | 902.1        | 867.9                  | 813.6                   | 54.31                     | 15.981            |                             |  |  |
| 12,100.0                                                                            | 9,622.5               | 12,266.3                                                           | 9,701.6               | 23.1             | 32.8          | 95.23                  | 2,458.4      | 901.9        | 867.9                  | 812.6                   | 55.37                     | 15.675            |                             |  |  |
| 12,200.0                                                                            | 9,623.0               | 12,366.3                                                           | 9,702.2               | 23.7             | 33.3          | 95.23                  | 2,558.4      | 901.7        | 868.0                  | 811.5                   | 56.45                     | 15.375            |                             |  |  |
| 12,300.0                                                                            | 9,623.4               | 12,466.3                                                           | 9,702.7               | 24.4             | 33.8          | 95.24                  | 2,658.4      | 901.5        | 868.0                  | 810.4                   | 57.55                     | 15.081            |                             |  |  |
| 12,400.0                                                                            | 9,623.8               | 12,566.3                                                           | 9,703.3               | 25.0             | 34.2          | 95.25                  | 2,758.4      | 901.3        | 868.0                  | 809.3                   | 58.67                     | 14.793            |                             |  |  |
| 12,500.0                                                                            | 9,624.3               | 12,666.3                                                           | 9,703.8               | 25.7             | 34.7          | 95.26                  | 2,858.4      | 901.1        | 868.0                  | 808.2                   | 59.81                     | 14.512            |                             |  |  |
| 12,600.0                                                                            | 9,624.7               | 12,766.3                                                           | 9,704.4               | 26.4             | 35.2          | 95.27                  | 2,958.4      | 900.9        | 868.0                  | 807.1                   | 60.96                     | 14.238            |                             |  |  |

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



## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| Offset Design: KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #704H - OWB - PWP2 |                       |                       |                       |                  |               |                        |              |                         |                        |                         |                           |                   | Offset Site Error: 3.0 usft |  |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|-------------------------|------------------------|-------------------------|---------------------------|-------------------|-----------------------------|--|
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9300-r.5 MWD+IFR1+MS  |                       |                       |                       |                  |               |                        |              |                         |                        |                         |                           |                   | Offset Well Error: 3.0 usft |  |
| Reference                                                                           |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Rule Assigned: Distance |                        |                         |                           |                   |                             |  |
| Measured Depth (usft)                                                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft)            | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning                     |  |
| 12,700.0                                                                            | 9,625.1               | 12,866.3              | 9,704.9               | 27.1             | 35.7          | 95.27                  | 3,058.4      | 900.7                   | 868.0                  | 805.9                   | 62.13                     | 13.971            |                             |  |
| 12,800.0                                                                            | 9,625.6               | 12,966.3              | 9,705.5               | 27.8             | 36.3          | 95.28                  | 3,158.4      | 900.5                   | 868.1                  | 804.7                   | 63.32                     | 13.710            |                             |  |
| 12,900.0                                                                            | 9,626.0               | 13,066.3              | 9,706.0               | 28.5             | 36.8          | 95.29                  | 3,258.4      | 900.3                   | 868.1                  | 803.6                   | 64.51                     | 13.456            |                             |  |
| 13,000.0                                                                            | 9,626.4               | 13,166.3              | 9,706.6               | 29.2             | 37.3          | 95.30                  | 3,358.4      | 900.1                   | 868.1                  | 802.4                   | 65.72                     | 13.209            |                             |  |
| 13,100.0                                                                            | 9,626.9               | 13,266.3              | 9,707.1               | 29.9             | 37.9          | 95.30                  | 3,458.4      | 899.9                   | 868.1                  | 801.2                   | 66.94                     | 12.968            |                             |  |
| 13,200.0                                                                            | 9,627.3               | 13,366.3              | 9,707.7               | 30.6             | 38.4          | 95.31                  | 3,558.4      | 899.7                   | 868.1                  | 800.0                   | 68.17                     | 12.734            |                             |  |
| 13,300.0                                                                            | 9,627.7               | 13,466.3              | 9,708.2               | 31.3             | 39.0          | 95.32                  | 3,658.4      | 899.5                   | 868.2                  | 798.7                   | 69.42                     | 12.506            |                             |  |
| 13,400.0                                                                            | 9,628.2               | 13,566.3              | 9,708.8               | 32.0             | 39.6          | 95.33                  | 3,758.4      | 899.3                   | 868.2                  | 797.5                   | 70.67                     | 12.284            |                             |  |
| 13,500.0                                                                            | 9,628.6               | 13,666.3              | 9,709.3               | 32.7             | 40.1          | 95.33                  | 3,858.4      | 899.1                   | 868.2                  | 796.3                   | 71.94                     | 12.069            |                             |  |
| 13,600.0                                                                            | 9,629.0               | 13,766.3              | 9,709.9               | 33.4             | 40.7          | 95.34                  | 3,958.4      | 898.8                   | 868.2                  | 795.0                   | 73.21                     | 11.859            |                             |  |
| 13,700.0                                                                            | 9,629.5               | 13,866.3              | 9,710.4               | 34.1             | 41.3          | 95.35                  | 4,058.4      | 898.6                   | 868.2                  | 793.7                   | 74.49                     | 11.656            |                             |  |
| 13,800.0                                                                            | 9,629.9               | 13,966.3              | 9,711.0               | 34.8             | 41.9          | 95.36                  | 4,158.4      | 898.4                   | 868.2                  | 792.5                   | 75.78                     | 11.457            |                             |  |
| 13,900.0                                                                            | 9,630.3               | 14,066.3              | 9,711.5               | 35.5             | 42.5          | 95.37                  | 4,258.4      | 898.2                   | 868.3                  | 791.2                   | 77.08                     | 11.265            |                             |  |
| 14,000.0                                                                            | 9,630.8               | 14,166.3              | 9,712.1               | 36.3             | 43.1          | 95.37                  | 4,358.4      | 898.0                   | 868.3                  | 789.9                   | 78.38                     | 11.077            |                             |  |
| 14,100.0                                                                            | 9,631.2               | 14,266.3              | 9,712.6               | 37.0             | 43.7          | 95.38                  | 4,458.4      | 897.8                   | 868.3                  | 788.6                   | 79.70                     | 10.895            |                             |  |
| 14,200.0                                                                            | 9,631.6               | 14,366.3              | 9,713.2               | 37.7             | 44.3          | 95.39                  | 4,558.4      | 897.6                   | 868.3                  | 787.3                   | 81.02                     | 10.718            |                             |  |
| 14,300.0                                                                            | 9,632.1               | 14,466.3              | 9,713.7               | 38.4             | 44.9          | 95.40                  | 4,658.4      | 897.4                   | 868.3                  | 786.0                   | 82.34                     | 10.546            |                             |  |
| 14,400.0                                                                            | 9,632.5               | 14,566.3              | 9,714.3               | 39.2             | 45.5          | 95.40                  | 4,758.4      | 897.2                   | 868.4                  | 784.7                   | 83.67                     | 10.378            |                             |  |
| 14,500.0                                                                            | 9,632.9               | 14,666.3              | 9,714.8               | 39.9             | 46.2          | 95.41                  | 4,858.4      | 897.0                   | 868.4                  | 783.4                   | 85.01                     | 10.215            |                             |  |
| 14,600.0                                                                            | 9,633.4               | 14,766.3              | 9,715.4               | 40.6             | 46.8          | 95.42                  | 4,958.4      | 896.8                   | 868.4                  | 782.0                   | 86.35                     | 10.056            |                             |  |
| 14,700.0                                                                            | 9,633.8               | 14,866.3              | 9,715.9               | 41.4             | 47.4          | 95.43                  | 5,058.4      | 896.6                   | 868.4                  | 780.7                   | 87.70                     | 9.902             |                             |  |
| 14,800.0                                                                            | 9,634.3               | 14,966.3              | 9,716.5               | 42.1             | 48.1          | 95.43                  | 5,158.4      | 896.4                   | 868.4                  | 779.4                   | 89.06                     | 9.751             |                             |  |
| 14,900.0                                                                            | 9,634.7               | 15,066.3              | 9,717.1               | 42.8             | 48.7          | 95.44                  | 5,258.4      | 896.2                   | 868.4                  | 778.0                   | 90.41                     | 9.605             |                             |  |
| 15,000.0                                                                            | 9,635.1               | 15,166.3              | 9,717.6               | 43.6             | 49.3          | 95.45                  | 5,358.4      | 896.0                   | 868.5                  | 776.7                   | 91.78                     | 9.463             |                             |  |
| 15,100.0                                                                            | 9,635.6               | 15,266.3              | 9,718.2               | 44.3             | 50.0          | 95.46                  | 5,458.4      | 895.8                   | 868.5                  | 775.3                   | 93.15                     | 9.324             |                             |  |
| 15,200.0                                                                            | 9,636.0               | 15,366.3              | 9,718.7               | 45.0             | 50.6          | 95.47                  | 5,558.4      | 895.5                   | 868.5                  | 774.0                   | 94.52                     | 9.189             |                             |  |
| 15,300.0                                                                            | 9,636.4               | 15,466.3              | 9,719.3               | 45.8             | 51.3          | 95.47                  | 5,658.4      | 895.3                   | 868.5                  | 772.6                   | 95.89                     | 9.057             |                             |  |
| 15,400.0                                                                            | 9,636.9               | 15,566.3              | 9,719.8               | 46.5             | 52.0          | 95.48                  | 5,758.4      | 895.1                   | 868.5                  | 771.3                   | 97.27                     | 8.929             |                             |  |
| 15,500.0                                                                            | 9,637.3               | 15,666.3              | 9,720.4               | 47.2             | 52.6          | 95.49                  | 5,858.4      | 894.9                   | 868.6                  | 769.9                   | 98.66                     | 8.804             |                             |  |
| 15,600.0                                                                            | 9,637.7               | 15,766.3              | 9,720.9               | 48.0             | 53.3          | 95.50                  | 5,958.4      | 894.7                   | 868.6                  | 768.5                   | 100.04                    | 8.682             |                             |  |
| 15,700.0                                                                            | 9,638.2               | 15,866.3              | 9,721.5               | 48.7             | 53.9          | 95.50                  | 6,058.4      | 894.5                   | 868.6                  | 767.2                   | 101.43                    | 8.563             |                             |  |
| 15,800.0                                                                            | 9,638.6               | 15,966.3              | 9,722.0               | 49.5             | 54.6          | 95.51                  | 6,158.4      | 894.3                   | 868.6                  | 765.8                   | 102.83                    | 8.447             |                             |  |
| 15,900.0                                                                            | 9,639.0               | 16,066.3              | 9,722.6               | 50.2             | 55.3          | 95.52                  | 6,258.4      | 894.1                   | 868.6                  | 764.4                   | 104.22                    | 8.334             |                             |  |
| 16,000.0                                                                            | 9,639.5               | 16,166.3              | 9,723.1               | 50.9             | 56.0          | 95.53                  | 6,358.3      | 893.9                   | 868.7                  | 763.0                   | 105.62                    | 8.224             |                             |  |
| 16,100.0                                                                            | 9,639.9               | 16,266.3              | 9,723.7               | 51.7             | 56.6          | 95.53                  | 6,458.3      | 893.7                   | 868.7                  | 761.6                   | 107.03                    | 8.116             |                             |  |
| 16,200.0                                                                            | 9,640.3               | 16,366.3              | 9,724.2               | 52.4             | 57.3          | 95.54                  | 6,558.3      | 893.5                   | 868.7                  | 760.3                   | 108.43                    | 8.011             |                             |  |
| 16,300.0                                                                            | 9,640.8               | 16,466.3              | 9,724.8               | 53.2             | 58.0          | 95.55                  | 6,658.3      | 893.3                   | 868.7                  | 758.9                   | 109.84                    | 7.909             |                             |  |
| 16,400.0                                                                            | 9,641.2               | 16,566.3              | 9,725.3               | 53.9             | 58.7          | 95.56                  | 6,758.3      | 893.1                   | 868.7                  | 757.5                   | 111.25                    | 7.809             |                             |  |
| 16,500.0                                                                            | 9,641.6               | 16,666.3              | 9,725.9               | 54.7             | 59.4          | 95.57                  | 6,858.3      | 892.9                   | 868.7                  | 756.1                   | 112.66                    | 7.711             |                             |  |
| 16,600.0                                                                            | 9,642.1               | 16,766.3              | 9,726.4               | 55.4             | 60.0          | 95.57                  | 6,958.3      | 892.7                   | 868.8                  | 754.7                   | 114.08                    | 7.615             |                             |  |
| 16,700.0                                                                            | 9,642.5               | 16,866.3              | 9,727.0               | 56.2             | 60.7          | 95.58                  | 7,058.3      | 892.4                   | 868.8                  | 753.3                   | 115.50                    | 7.522             |                             |  |
| 16,800.0                                                                            | 9,642.9               | 16,966.3              | 9,727.5               | 56.9             | 61.4          | 95.59                  | 7,158.3      | 892.2                   | 868.8                  | 751.9                   | 116.92                    | 7.431             |                             |  |
| 16,900.0                                                                            | 9,643.4               | 17,066.3              | 9,728.1               | 57.6             | 62.1          | 95.60                  | 7,258.3      | 892.0                   | 868.8                  | 750.5                   | 118.34                    | 7.342             |                             |  |
| 17,000.0                                                                            | 9,643.8               | 17,166.3              | 9,728.6               | 58.4             | 62.8          | 95.60                  | 7,358.3      | 891.8                   | 868.8                  | 749.1                   | 119.77                    | 7.255             |                             |  |
| 17,100.0                                                                            | 9,644.2               | 17,266.3              | 9,729.2               | 59.1             | 63.5          | 95.61                  | 7,458.3      | 891.6                   | 868.9                  | 747.7                   | 121.19                    | 7.169             |                             |  |
| 17,200.0                                                                            | 9,644.7               | 17,366.3              | 9,729.7               | 59.9             | 64.2          | 95.62                  | 7,558.3      | 891.4                   | 868.9                  | 746.3                   | 122.62                    | 7.086             |                             |  |
| 17,300.0                                                                            | 9,645.1               | 17,466.3              | 9,730.3               | 60.6             | 64.9          | 95.63                  | 7,658.3      | 891.2                   | 868.9                  | 744.8                   | 124.05                    | 7.004             |                             |  |
| 17,400.0                                                                            | 9,645.5               | 17,566.3              | 9,730.8               | 61.4             | 65.6          | 95.63                  | 7,758.3      | 891.0                   | 868.9                  | 743.4                   | 125.48                    | 6.925             |                             |  |
| 17,500.0                                                                            | 9,646.0               | 17,666.3              | 9,731.4               | 62.1             | 66.3          | 95.64                  | 7,858.3      | 890.8                   | 868.9                  | 742.0                   | 126.92                    | 6.847             |                             |  |
| 17,600.0                                                                            | 9,646.4               | 17,766.3              | 9,732.0               | 62.9             | 67.0          | 95.65                  | 7,958.3      | 890.6                   | 869.0                  | 740.6                   | 128.35                    | 6.770             |                             |  |
| 17,700.0                                                                            | 9,646.8               | 17,866.3              | 9,732.5               | 63.6             | 67.7          | 95.66                  | 8,058.3      | 890.4                   | 869.0                  | 739.2                   | 129.79                    | 6.695             |                             |  |
| 17,800.0                                                                            | 9,647.3               | 17,966.3              | 9,733.1               | 64.4             | 68.4          | 95.67                  | 8,158.3      | 890.2                   | 869.0                  | 737.8                   | 131.23                    | 6.622             |                             |  |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                           |          |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #704H - OWB - PWP2 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  | <b>Offset Site Error:</b> | 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9300-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>           | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 17,900.0                                                                                   | 9,647.7                      | 18,066.3                     | 9,733.6                      | 65.1                    | 69.1                 | 95.67                        | 8,258.3             | 890.0                         | 869.0                         | 736.3                          | 132.67                           | 6.550                     |          |
| 18,000.0                                                                                   | 9,648.1                      | 18,166.3                     | 9,734.2                      | 65.9                    | 69.8                 | 95.68                        | 8,358.3             | 889.8                         | 869.0                         | 734.9                          | 134.11                           | 6.480                     |          |
| 18,100.0                                                                                   | 9,648.6                      | 18,266.3                     | 9,734.7                      | 66.6                    | 70.5                 | 95.69                        | 8,458.3             | 889.6                         | 869.0                         | 733.5                          | 135.55                           | 6.411                     |          |
| 18,200.0                                                                                   | 9,649.0                      | 18,366.3                     | 9,735.3                      | 67.4                    | 71.2                 | 95.70                        | 8,558.3             | 889.4                         | 869.1                         | 732.1                          | 136.99                           | 6.344                     |          |
| 18,300.0                                                                                   | 9,649.4                      | 18,466.3                     | 9,735.8                      | 68.1                    | 71.9                 | 95.70                        | 8,658.3             | 889.1                         | 869.1                         | 730.6                          | 138.44                           | 6.278                     |          |
| 18,400.0                                                                                   | 9,649.9                      | 18,566.3                     | 9,736.4                      | 68.9                    | 72.7                 | 95.71                        | 8,758.3             | 888.9                         | 869.1                         | 729.2                          | 139.89                           | 6.213                     |          |
| 18,500.0                                                                                   | 9,650.3                      | 18,666.3                     | 9,736.9                      | 69.6                    | 73.4                 | 95.72                        | 8,858.3             | 888.7                         | 869.1                         | 727.8                          | 141.34                           | 6.149                     |          |
| 18,600.0                                                                                   | 9,650.7                      | 18,766.3                     | 9,737.5                      | 70.4                    | 74.1                 | 95.73                        | 8,958.3             | 888.5                         | 869.1                         | 726.4                          | 142.78                           | 6.087                     |          |
| 18,700.0                                                                                   | 9,651.2                      | 18,866.3                     | 9,738.0                      | 71.2                    | 74.8                 | 95.73                        | 9,058.3             | 888.3                         | 869.2                         | 724.9                          | 144.24                           | 6.026                     |          |
| 18,800.0                                                                                   | 9,651.6                      | 18,966.3                     | 9,738.6                      | 71.9                    | 75.5                 | 95.74                        | 9,158.3             | 888.1                         | 869.2                         | 723.5                          | 145.69                           | 5.966                     |          |
| 18,900.0                                                                                   | 9,652.1                      | 19,066.3                     | 9,739.1                      | 72.7                    | 76.2                 | 95.75                        | 9,258.3             | 887.9                         | 869.2                         | 722.1                          | 147.14                           | 5.907                     |          |
| 19,000.0                                                                                   | 9,652.5                      | 19,166.3                     | 9,739.7                      | 73.4                    | 77.0                 | 95.76                        | 9,358.3             | 887.7                         | 869.2                         | 720.6                          | 148.59                           | 5.850                     |          |
| 19,100.0                                                                                   | 9,652.9                      | 19,266.3                     | 9,740.2                      | 74.2                    | 77.7                 | 95.77                        | 9,458.3             | 887.5                         | 869.2                         | 719.2                          | 150.05                           | 5.793                     |          |
| 19,200.0                                                                                   | 9,653.4                      | 19,366.3                     | 9,740.8                      | 74.9                    | 78.4                 | 95.77                        | 9,558.3             | 887.3                         | 869.3                         | 717.8                          | 151.50                           | 5.738                     |          |
| 19,300.0                                                                                   | 9,653.8                      | 19,466.3                     | 9,741.3                      | 75.7                    | 79.1                 | 95.78                        | 9,658.3             | 887.1                         | 869.3                         | 716.3                          | 152.96                           | 5.683                     |          |
| 19,400.0                                                                                   | 9,654.2                      | 19,566.3                     | 9,741.9                      | 76.4                    | 79.8                 | 95.79                        | 9,758.3             | 886.9                         | 869.3                         | 714.9                          | 154.42                           | 5.629                     |          |
| 19,500.0                                                                                   | 9,654.7                      | 19,666.3                     | 9,742.4                      | 77.2                    | 80.6                 | 95.80                        | 9,858.3             | 886.7                         | 869.3                         | 713.4                          | 155.88                           | 5.577                     |          |
| 19,600.0                                                                                   | 9,655.1                      | 19,766.3                     | 9,743.0                      | 77.9                    | 81.3                 | 95.80                        | 9,958.3             | 886.5                         | 869.3                         | 712.0                          | 157.34                           | 5.525                     |          |
| 19,700.0                                                                                   | 9,655.5                      | 19,866.3                     | 9,743.5                      | 78.7                    | 82.0                 | 95.81                        | 10,058.3            | 886.3                         | 869.4                         | 710.6                          | 158.80                           | 5.475                     |          |
| 19,800.0                                                                                   | 9,656.0                      | 19,966.3                     | 9,744.1                      | 79.4                    | 82.7                 | 95.82                        | 10,158.3            | 886.1                         | 869.4                         | 709.1                          | 160.26                           | 5.425                     |          |
| 19,900.0                                                                                   | 9,656.4                      | 20,066.3                     | 9,744.6                      | 80.2                    | 83.4                 | 95.83                        | 10,258.3            | 885.8                         | 869.4                         | 707.7                          | 161.72                           | 5.376                     |          |
| 20,000.0                                                                                   | 9,656.8                      | 20,166.3                     | 9,745.2                      | 81.0                    | 84.2                 | 95.83                        | 10,358.3            | 885.6                         | 869.4                         | 706.2                          | 163.18                           | 5.328                     |          |
| 20,100.0                                                                                   | 9,657.3                      | 20,266.3                     | 9,745.8                      | 81.7                    | 84.9                 | 95.84                        | 10,458.3            | 885.4                         | 869.4                         | 704.8                          | 164.65                           | 5.281                     |          |
| 20,200.0                                                                                   | 9,657.7                      | 20,366.3                     | 9,746.3                      | 82.5                    | 85.6                 | 95.85                        | 10,558.3            | 885.2                         | 869.5                         | 703.3                          | 166.11                           | 5.234                     |          |
| 20,300.0                                                                                   | 9,658.1                      | 20,466.3                     | 9,746.9                      | 83.2                    | 86.4                 | 95.86                        | 10,658.3            | 885.0                         | 869.5                         | 701.9                          | 167.58                           | 5.188                     |          |
| 20,400.0                                                                                   | 9,658.6                      | 20,566.3                     | 9,747.4                      | 84.0                    | 87.1                 | 95.86                        | 10,758.3            | 884.8                         | 869.5                         | 700.4                          | 169.04                           | 5.144                     |          |
| 20,500.0                                                                                   | 9,659.0                      | 20,666.3                     | 9,748.0                      | 84.7                    | 87.8                 | 95.87                        | 10,858.3            | 884.6                         | 869.5                         | 699.0                          | 170.51                           | 5.099                     |          |
| 20,600.0                                                                                   | 9,659.4                      | 20,766.3                     | 9,748.5                      | 85.5                    | 88.5                 | 95.88                        | 10,958.3            | 884.4                         | 869.5                         | 697.6                          | 171.98                           | 5.056                     |          |
| 20,700.0                                                                                   | 9,659.9                      | 20,866.3                     | 9,749.1                      | 86.2                    | 89.3                 | 95.89                        | 11,058.3            | 884.2                         | 869.5                         | 696.1                          | 173.44                           | 5.013                     |          |
| 20,800.0                                                                                   | 9,660.3                      | 20,966.3                     | 9,749.6                      | 87.0                    | 90.0                 | 95.90                        | 11,158.3            | 884.0                         | 869.6                         | 694.7                          | 174.91                           | 4.971                     |          |
| 20,900.0                                                                                   | 9,660.7                      | 21,066.3                     | 9,750.2                      | 87.8                    | 90.7                 | 95.90                        | 11,258.3            | 883.8                         | 869.6                         | 693.2                          | 176.38                           | 4.930                     |          |
| 21,000.0                                                                                   | 9,661.2                      | 21,166.3                     | 9,750.7                      | 88.5                    | 91.5                 | 95.91                        | 11,358.3            | 883.6                         | 869.6                         | 691.8                          | 177.85                           | 4.889                     |          |
| 21,100.0                                                                                   | 9,661.6                      | 21,266.3                     | 9,751.3                      | 89.3                    | 92.2                 | 95.92                        | 11,458.3            | 883.4                         | 869.6                         | 690.3                          | 179.32                           | 4.849                     |          |
| 21,200.0                                                                                   | 9,662.0                      | 21,366.3                     | 9,751.8                      | 90.0                    | 92.9                 | 95.93                        | 11,558.3            | 883.2                         | 869.6                         | 688.9                          | 180.79                           | 4.810                     |          |
| 21,300.0                                                                                   | 9,662.5                      | 21,466.3                     | 9,752.4                      | 90.8                    | 93.7                 | 95.93                        | 11,658.3            | 883.0                         | 869.7                         | 687.4                          | 182.27                           | 4.771                     |          |
| 21,400.0                                                                                   | 9,662.9                      | 21,566.3                     | 9,752.9                      | 91.5                    | 94.4                 | 95.94                        | 11,758.3            | 882.8                         | 869.7                         | 685.9                          | 183.74                           | 4.733                     |          |
| 21,500.0                                                                                   | 9,663.3                      | 21,666.3                     | 9,753.5                      | 92.3                    | 95.1                 | 95.95                        | 11,858.3            | 882.5                         | 869.7                         | 684.5                          | 185.21                           | 4.696                     |          |
| 21,600.0                                                                                   | 9,663.8                      | 21,766.3                     | 9,754.0                      | 93.1                    | 95.9                 | 95.96                        | 11,958.2            | 882.3                         | 869.7                         | 683.0                          | 186.68                           | 4.659                     |          |
| 21,700.0                                                                                   | 9,664.2                      | 21,866.3                     | 9,754.6                      | 93.8                    | 96.6                 | 95.96                        | 12,058.2            | 882.1                         | 869.7                         | 681.6                          | 188.15                           | 4.623                     |          |
| 21,783.2                                                                                   | 9,664.6                      | 21,949.5                     | 9,755.0                      | 94.4                    | 97.2                 | 95.97                        | 12,141.5            | 882.0                         | 869.8                         | 680.4                          | 189.38                           | 4.593                     |          |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                               |                      |                     |                     |                       |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|----------------------|---------------------|---------------------|-----------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #706H - OWB - PWP2 |                              |                              |                              |                               |                      |                     |                     |                       |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9167-r.5 MWD+IFR1+MS  |                              |                              |                              |                               |                      |                     |                     |                       |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Highside</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>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 0.0                                                                                        | 0.0                          | 0.3                          | 0.0                          | 3.0                           | 3.0                  | -90.19              | -0.1                | -29.9                 | 29.9                          |                                |                                  |                          |                                    |
| 100.0                                                                                      | 100.0                        | 100.3                        | 100.0                        | 3.0                           | 3.0                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 23.4                           | 6.51                             | 4.590                    |                                    |
| 200.0                                                                                      | 200.0                        | 200.3                        | 200.0                        | 3.2                           | 3.2                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 23.1                           | 6.75                             | 4.427                    |                                    |
| 300.0                                                                                      | 300.0                        | 300.3                        | 300.0                        | 3.3                           | 3.3                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 22.9                           | 6.99                             | 4.280                    |                                    |
| 400.0                                                                                      | 400.0                        | 400.3                        | 400.0                        | 3.4                           | 3.4                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 22.7                           | 7.21                             | 4.148                    |                                    |
| 500.0                                                                                      | 500.0                        | 500.3                        | 500.0                        | 3.5                           | 3.5                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 22.5                           | 7.43                             | 4.027                    |                                    |
| 600.0                                                                                      | 600.0                        | 600.3                        | 600.0                        | 3.7                           | 3.7                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 22.3                           | 7.64                             | 3.916                    |                                    |
| 700.0                                                                                      | 700.0                        | 700.3                        | 700.0                        | 3.8                           | 3.8                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 22.1                           | 7.84                             | 3.814                    |                                    |
| 800.0                                                                                      | 800.0                        | 800.3                        | 800.0                        | 3.9                           | 3.9                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 21.9                           | 8.04                             | 3.720                    |                                    |
| 900.0                                                                                      | 900.0                        | 900.3                        | 900.0                        | 4.0                           | 4.0                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 21.7                           | 8.23                             | 3.633                    |                                    |
| 1,000.0                                                                                    | 1,000.0                      | 1,000.3                      | 1,000.0                      | 4.2                           | 4.2                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 21.5                           | 8.42                             | 3.552                    |                                    |
| 1,100.0                                                                                    | 1,100.0                      | 1,100.3                      | 1,100.0                      | 4.3                           | 4.3                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 21.3                           | 8.60                             | 3.476                    |                                    |
| 1,200.0                                                                                    | 1,200.0                      | 1,200.3                      | 1,200.0                      | 4.4                           | 4.4                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 21.1                           | 8.78                             | 3.405                    |                                    |
| 1,300.0                                                                                    | 1,300.0                      | 1,300.3                      | 1,300.0                      | 4.5                           | 4.5                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 20.9                           | 8.96                             | 3.338                    |                                    |
| 1,400.0                                                                                    | 1,400.0                      | 1,400.3                      | 1,400.0                      | 4.6                           | 4.6                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 20.8                           | 9.13                             | 3.275                    |                                    |
| 1,466.6                                                                                    | 1,466.6                      | 1,466.9                      | 1,466.6                      | 4.7                           | 4.7                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 20.7                           | 9.24                             | 3.235 CC                 |                                    |
| 1,500.0                                                                                    | 1,500.0                      | 1,500.0                      | 1,499.7                      | 4.7                           | 4.7                  | -90.19              | -0.1                | -29.9                 | 29.9                          | 20.6                           | 9.30                             | 3.216 ES, SF             |                                    |
| 1,600.0                                                                                    | 1,600.0                      | 1,599.3                      | 1,599.0                      | 4.9                           | 4.9                  | 102.40              | -0.9                | -31.4                 | 31.8                          | 22.2                           | 9.55                             | 3.329                    |                                    |
| 1,700.0                                                                                    | 1,699.8                      | 1,698.1                      | 1,697.7                      | 5.2                           | 5.1                  | 106.22              | -3.3                | -36.0                 | 37.5                          | 27.6                           | 9.95                             | 3.773                    |                                    |
| 1,800.0                                                                                    | 1,799.5                      | 1,796.4                      | 1,795.6                      | 5.5                           | 5.3                  | 110.45              | -7.2                | -43.5                 | 47.3                          | 37.0                           | 10.35                            | 4.573                    |                                    |
| 1,900.0                                                                                    | 1,898.8                      | 1,894.0                      | 1,892.5                      | 5.6                           | 5.6                  | 113.38              | -12.6               | -53.9                 | 60.9                          | 50.2                           | 10.70                            | 5.695                    |                                    |
| 2,000.0                                                                                    | 1,998.2                      | 1,990.9                      | 1,988.2                      | 5.9                           | 5.9                  | 113.68              | -19.5               | -67.1                 | 77.2                          | 66.1                           | 11.10                            | 6.954                    |                                    |
| 2,100.0                                                                                    | 2,097.5                      | 2,086.9                      | 2,082.5                      | 6.1                           | 6.2                  | 112.58              | -27.9               | -83.0                 | 95.9                          | 84.4                           | 11.51                            | 8.337                    |                                    |
| 2,200.0                                                                                    | 2,196.9                      | 2,181.8                      | 2,175.1                      | 6.4                           | 6.6                  | 110.85              | -37.5               | -101.5                | 117.3                         | 105.4                          | 11.93                            | 9.829                    |                                    |
| 2,300.0                                                                                    | 2,296.2                      | 2,278.4                      | 2,268.8                      | 6.7                           | 6.9                  | 109.08              | -48.3               | -122.1                | 140.5                         | 128.1                          | 12.37                            | 11.353                   |                                    |
| 2,400.0                                                                                    | 2,395.6                      | 2,375.6                      | 2,363.1                      | 7.0                           | 7.2                  | 107.79              | -59.2               | -143.0                | 163.8                         | 150.9                          | 12.83                            | 12.766                   |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,472.8                      | 2,457.4                      | 7.3                           | 7.5                  | 106.82              | -70.1               | -163.8                | 187.1                         | 173.8                          | 13.30                            | 14.068                   |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,570.0                      | 2,551.7                      | 7.6                           | 7.9                  | 106.07              | -81.0               | -184.6                | 210.5                         | 196.8                          | 13.79                            | 15.266                   |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,667.2                      | 2,646.0                      | 7.9                           | 8.2                  | 105.47              | -91.9               | -205.5                | 234.0                         | 219.7                          | 14.30                            | 16.367                   |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,764.3                      | 2,740.3                      | 8.3                           | 8.6                  | 104.97              | -102.8              | -226.3                | 257.4                         | 242.6                          | 14.81                            | 17.381                   |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,861.5                      | 2,834.6                      | 8.6                           | 9.0                  | 104.56              | -113.7              | -247.1                | 280.9                         | 265.6                          | 15.34                            | 18.315                   |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 2,958.7                      | 2,928.9                      | 8.9                           | 9.4                  | 104.22              | -124.6              | -268.0                | 304.4                         | 288.5                          | 15.87                            | 19.175                   |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,055.9                      | 3,023.2                      | 9.3                           | 9.8                  | 103.92              | -135.5              | -288.8                | 327.9                         | 311.5                          | 16.42                            | 19.968                   |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,153.1                      | 3,117.5                      | 9.6                           | 10.2                 | 103.66              | -146.3              | -309.6                | 351.4                         | 334.4                          | 16.97                            | 20.701                   |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,250.3                      | 3,211.8                      | 10.0                          | 10.6                 | 103.44              | -157.2              | -330.5                | 374.9                         | 357.4                          | 17.54                            | 21.380                   |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,347.5                      | 3,306.2                      | 10.3                          | 11.0                 | 103.33              | -168.1              | -351.3                | 398.3                         | 380.3                          | 18.06                            | 22.058                   |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,444.7                      | 3,400.5                      | 10.7                          | 11.4                 | 103.13              | -179.0              | -372.2                | 421.5                         | 402.8                          | 18.64                            | 22.611                   |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,542.0                      | 3,494.9                      | 11.0                          | 11.8                 | 102.75              | -189.9              | -393.0                | 444.2                         | 425.0                          | 19.23                            | 23.098                   |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,639.3                      | 3,589.3                      | 11.4                          | 12.3                 | 102.22              | -200.8              | -413.9                | 466.7                         | 446.8                          | 19.83                            | 23.527                   |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,736.5                      | 3,683.6                      | 11.7                          | 12.7                 | 101.54              | -211.7              | -434.7                | 488.8                         | 468.4                          | 20.45                            | 23.904                   |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,833.7                      | 3,777.9                      | 12.0                          | 13.1                 | 100.75              | -222.6              | -455.6                | 510.8                         | 489.7                          | 21.08                            | 24.236                   |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 3,930.8                      | 3,872.1                      | 12.1                          | 13.6                 | -91.16              | -233.5              | -476.4                | 532.6                         | 510.9                          | 21.69                            | 24.561                   |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 4,027.8                      | 3,966.2                      | 12.2                          | 14.0                 | -92.26              | -244.4              | -497.2                | 554.5                         | 532.1                          | 22.37                            | 24.783                   |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,124.8                      | 4,060.4                      | 12.3                          | 14.5                 | -93.29              | -255.3              | -518.0                | 576.6                         | 553.6                          | 23.00                            | 25.073                   |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,221.8                      | 4,154.5                      | 12.3                          | 14.9                 | -94.24              | -266.1              | -538.8                | 598.8                         | 575.2                          | 23.62                            | 25.347                   |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,318.9                      | 4,248.7                      | 12.4                          | 15.4                 | -95.12              | -277.0              | -559.6                | 621.2                         | 596.9                          | 24.26                            | 25.606                   |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,415.9                      | 4,342.8                      | 12.4                          | 15.8                 | -95.94              | -287.9              | -580.4                | 643.7                         | 618.8                          | 24.90                            | 25.851                   |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,512.9                      | 4,437.0                      | 12.5                          | 16.3                 | -96.70              | -298.8              | -601.2                | 666.3                         | 640.8                          | 25.55                            | 26.084                   |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,610.0                      | 4,531.1                      | 12.5                          | 16.7                 | -97.42              | -309.6              | -622.0                | 689.1                         | 662.9                          | 26.20                            | 26.305                   |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,707.0                      | 4,625.3                      | 12.6                          | 17.2                 | -98.09              | -320.5              | -642.8                | 711.9                         | 685.1                          | 26.85                            | 26.516                   |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,804.0                      | 4,719.4                      | 12.6                          | 17.6                 | -98.72              | -331.4              | -663.6                | 734.8                         | 707.3                          | 27.50                            | 26.719                   |                                    |
| 5,000.0                                                                                    | 4,988.1                      | 4,910.8                      | 4,823.2                      | 12.7                          | 18.1                 | -99.35              | -343.1              | -686.0                | 757.4                         | 729.2                          | 28.20                            | 26.859                   |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #706H - OWB - PWP2 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9167-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  | <b>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>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 5,100.0                                                                                    | 5,088.1                      | 5,022.7                      | 4,932.3                      | 12.7                    | 18.6                 | -99.93                       | -354.5              | -707.8                        | 778.3                         | 749.4                          | 28.94                            | 26.898                   |                                    |
| 5,200.0                                                                                    | 5,188.1                      | 5,135.5                      | 5,042.8                      | 12.8                    | 19.1                 | -100.43                      | -364.9              | -727.8                        | 797.4                         | 767.8                          | 29.65                            | 26.892                   |                                    |
| 5,300.0                                                                                    | 5,288.1                      | 5,249.2                      | 5,154.7                      | 12.8                    | 19.6                 | -100.86                      | -374.5              | -746.0                        | 814.7                         | 784.4                          | 30.35                            | 26.844                   |                                    |
| 5,400.0                                                                                    | 5,388.1                      | 5,363.6                      | 5,267.6                      | 12.9                    | 20.1                 | -101.23                      | -383.0              | -762.3                        | 830.2                         | 799.2                          | 31.02                            | 26.760                   |                                    |
| 5,500.0                                                                                    | 5,488.1                      | 5,478.8                      | 5,381.6                      | 12.9                    | 20.6                 | -101.55                      | -390.5              | -776.7                        | 843.8                         | 812.1                          | 31.67                            | 26.642                   |                                    |
| 5,600.0                                                                                    | 5,588.1                      | 5,594.6                      | 5,496.6                      | 13.0                    | 21.1                 | -101.81                      | -397.0              | -789.2                        | 855.4                         | 823.1                          | 32.29                            | 26.494                   |                                    |
| 5,700.0                                                                                    | 5,688.1                      | 5,710.9                      | 5,612.3                      | 13.0                    | 21.6                 | -102.02                      | -402.5              | -799.6                        | 865.2                         | 832.3                          | 32.87                            | 26.322                   |                                    |
| 5,800.0                                                                                    | 5,788.1                      | 5,827.6                      | 5,728.6                      | 13.1                    | 22.0                 | -102.19                      | -406.9              | -808.0                        | 873.0                         | 839.6                          | 33.41                            | 26.130                   |                                    |
| 5,900.0                                                                                    | 5,888.1                      | 5,944.7                      | 5,845.5                      | 13.1                    | 22.4                 | -102.31                      | -410.1              | -814.2                        | 878.8                         | 844.9                          | 33.90                            | 25.922                   |                                    |
| 6,000.0                                                                                    | 5,988.1                      | 6,062.0                      | 5,962.7                      | 13.2                    | 22.8                 | -102.39                      | -412.3              | -818.4                        | 882.7                         | 848.3                          | 34.34                            | 25.707                   |                                    |
| 6,100.0                                                                                    | 6,088.1                      | 6,179.5                      | 6,080.2                      | 13.2                    | 23.1                 | -102.43                      | -413.4              | -820.4                        | 884.6                         | 849.9                          | 34.68                            | 25.505                   |                                    |
| 6,200.0                                                                                    | 6,188.1                      | 6,287.5                      | 6,188.1                      | 13.3                    | 23.2                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 850.0                          | 34.79                            | 25.432                   |                                    |
| 6,300.0                                                                                    | 6,288.1                      | 6,387.5                      | 6,288.1                      | 13.3                    | 23.2                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.9                          | 34.86                            | 25.380                   |                                    |
| 6,400.0                                                                                    | 6,388.1                      | 6,487.5                      | 6,388.1                      | 13.4                    | 23.2                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.8                          | 34.93                            | 25.327                   |                                    |
| 6,500.0                                                                                    | 6,488.1                      | 6,587.5                      | 6,488.1                      | 13.5                    | 23.3                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.8                          | 35.01                            | 25.273                   |                                    |
| 6,600.0                                                                                    | 6,588.1                      | 6,687.5                      | 6,588.1                      | 13.5                    | 23.3                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.7                          | 35.08                            | 25.220                   |                                    |
| 6,700.0                                                                                    | 6,688.1                      | 6,787.5                      | 6,688.1                      | 13.6                    | 23.3                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.6                          | 35.16                            | 25.166                   |                                    |
| 6,800.0                                                                                    | 6,788.1                      | 6,887.5                      | 6,788.1                      | 13.6                    | 23.3                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.5                          | 35.23                            | 25.112                   |                                    |
| 6,900.0                                                                                    | 6,888.1                      | 6,987.5                      | 6,888.1                      | 13.7                    | 23.4                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.5                          | 35.31                            | 25.057                   |                                    |
| 7,000.0                                                                                    | 6,988.1                      | 7,087.5                      | 6,988.1                      | 13.7                    | 23.4                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.4                          | 35.39                            | 25.003                   |                                    |
| 7,100.0                                                                                    | 7,088.1                      | 7,187.5                      | 7,088.1                      | 13.8                    | 23.4                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.3                          | 35.46                            | 24.948                   |                                    |
| 7,200.0                                                                                    | 7,188.1                      | 7,287.5                      | 7,188.1                      | 13.8                    | 23.5                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.2                          | 35.54                            | 24.894                   |                                    |
| 7,300.0                                                                                    | 7,288.1                      | 7,387.5                      | 7,288.1                      | 13.9                    | 23.5                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.1                          | 35.62                            | 24.839                   |                                    |
| 7,400.0                                                                                    | 7,388.1                      | 7,487.5                      | 7,388.1                      | 14.0                    | 23.5                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.1                          | 35.70                            | 24.784                   |                                    |
| 7,500.0                                                                                    | 7,488.1                      | 7,587.5                      | 7,488.1                      | 14.0                    | 23.5                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 849.0                          | 35.78                            | 24.729                   |                                    |
| 7,600.0                                                                                    | 7,588.1                      | 7,687.5                      | 7,588.1                      | 14.1                    | 23.6                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.9                          | 35.86                            | 24.673                   |                                    |
| 7,700.0                                                                                    | 7,688.1                      | 7,787.5                      | 7,688.1                      | 14.1                    | 23.6                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.8                          | 35.94                            | 24.618                   |                                    |
| 7,800.0                                                                                    | 7,788.1                      | 7,887.5                      | 7,788.1                      | 14.2                    | 23.6                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.7                          | 36.02                            | 24.562                   |                                    |
| 7,900.0                                                                                    | 7,888.1                      | 7,987.5                      | 7,888.1                      | 14.3                    | 23.7                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.7                          | 36.10                            | 24.506                   |                                    |
| 8,000.0                                                                                    | 7,988.1                      | 8,087.5                      | 7,988.1                      | 14.3                    | 23.7                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.6                          | 36.19                            | 24.451                   |                                    |
| 8,100.0                                                                                    | 8,088.1                      | 8,187.5                      | 8,088.1                      | 14.4                    | 23.7                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.5                          | 36.27                            | 24.395                   |                                    |
| 8,200.0                                                                                    | 8,188.1                      | 8,287.5                      | 8,188.1                      | 14.4                    | 23.8                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.4                          | 36.35                            | 24.339                   |                                    |
| 8,300.0                                                                                    | 8,288.1                      | 8,387.5                      | 8,288.1                      | 14.5                    | 23.8                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.3                          | 36.44                            | 24.283                   |                                    |
| 8,400.0                                                                                    | 8,388.1                      | 8,487.5                      | 8,388.1                      | 14.6                    | 23.8                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.2                          | 36.52                            | 24.226                   |                                    |
| 8,500.0                                                                                    | 8,488.1                      | 8,587.5                      | 8,488.1                      | 14.6                    | 23.8                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.2                          | 36.61                            | 24.170                   |                                    |
| 8,600.0                                                                                    | 8,588.1                      | 8,687.5                      | 8,588.1                      | 14.7                    | 23.9                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.1                          | 36.69                            | 24.114                   |                                    |
| 8,700.0                                                                                    | 8,688.1                      | 8,787.5                      | 8,688.1                      | 14.7                    | 23.9                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 848.0                          | 36.78                            | 24.057                   |                                    |
| 8,800.0                                                                                    | 8,788.1                      | 8,887.5                      | 8,788.1                      | 14.8                    | 23.9                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 847.9                          | 36.86                            | 24.001                   |                                    |
| 8,900.0                                                                                    | 8,888.1                      | 8,987.5                      | 8,888.1                      | 14.9                    | 24.0                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 847.8                          | 36.95                            | 23.944                   |                                    |
| 9,000.0                                                                                    | 8,988.1                      | 9,087.5                      | 8,988.1                      | 14.9                    | 24.0                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 847.7                          | 37.04                            | 23.888                   |                                    |
| 9,100.0                                                                                    | 9,088.1                      | 9,187.5                      | 9,088.1                      | 15.0                    | 24.0                 | -102.43                      | -413.5              | -820.7                        | 884.8                         | 847.6                          | 37.13                            | 23.831                   |                                    |
| 9,104.4                                                                                    | 9,092.6                      | 9,191.9                      | 9,092.6                      | 15.0                    | 24.0                 | -102.31                      | -413.5              | -820.7                        | 884.8                         | 847.6                          | 37.13                            | 23.830                   |                                    |
| 9,200.0                                                                                    | 9,188.0                      | 9,287.4                      | 9,188.0                      | 15.0                    | 24.1                 | -102.42                      | -413.5              | -820.7                        | 885.4                         | 848.2                          | 37.20                            | 23.801                   |                                    |
| 9,300.0                                                                                    | 9,285.6                      | 9,451.2                      | 9,349.1                      | 15.1                    | 24.1                 | -102.91                      | -388.4              | -820.7                        | 886.8                         | 850.0                          | 36.84                            | 24.071                   |                                    |
| 9,400.0                                                                                    | 9,376.5                      | 9,620.0                      | 9,496.2                      | 15.2                    | 24.1                 | -102.28                      | -307.5              | -820.9                        | 885.1                         | 848.8                          | 36.27                            | 24.403                   |                                    |
| 9,500.0                                                                                    | 9,456.9                      | 9,777.4                      | 9,600.3                      | 15.3                    | 24.2                 | -100.68                      | -190.4              | -821.1                        | 880.8                         | 845.0                          | 35.74                            | 24.645                   |                                    |
| 9,600.0                                                                                    | 9,523.3                      | 9,918.0                      | 9,656.7                      | 15.4                    | 24.3                 | -98.52                       | -62.1               | -821.3                        | 875.3                         | 839.9                          | 35.41                            | 24.719                   |                                    |
| 9,700.0                                                                                    | 9,572.8                      | 10,042.0                     | 9,673.7                      | 15.5                    | 24.4                 | -96.11                       | 60.4                | -821.5                        | 870.1                         | 834.8                          | 35.36                            | 24.611                   |                                    |
| 9,800.0                                                                                    | 9,603.1                      | 10,137.6                     | 9,673.9                      | 15.5                    | 24.5                 | -94.59                       | 156.0               | -821.7                        | 867.1                         | 831.5                          | 35.65                            | 24.321                   |                                    |
| 9,900.0                                                                                    | 9,613.0                      | 10,237.0                     | 9,674.2                      | 15.6                    | 24.6                 | -94.05                       | 255.4               | -821.9                        | 866.4                         | 830.4                          | 35.93                            | 24.113                   |                                    |
| 10,000.0                                                                                   | 9,613.4                      | 10,337.0                     | 9,674.5                      | 15.6                    | 24.7                 | -94.04                       | 355.4               | -822.0                        | 866.3                         | 830.1                          | 36.24                            | 23.906                   |                                    |
| 10,100.0                                                                                   | 9,613.8                      | 10,437.0                     | 9,674.8                      | 15.6                    | 24.9                 | -94.04                       | 455.4               | -822.2                        | 866.3                         | 829.7                          | 36.61                            | 23.664                   |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|----------------------|---------------------|---------------------|---------------------|-------------------------------|--------------------------------|--------------------------|---------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #706H - OWB - PWP2 |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9167-r.5 MWD+IFR1+MS  |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Highside</b>              | <b>Offset Wellbore Centre</b> |                      | <b>Distance</b>     |                     | <b>Minimum</b>      | <b>Separation</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>Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation (usft)</b> | <b>Factor</b> |                                    |
| 10,200.0                                                                                   | 9,614.3                      | 10,537.0                     | 9,675.1                      | 15.7                          | 25.0                 | -94.03              | 555.4               | -822.4              | 866.2                         | 829.2                          | 37.04                    | 23.389        |                                    |
| 10,300.0                                                                                   | 9,614.7                      | 10,637.0                     | 9,675.4                      | 15.7                          | 25.2                 | -94.02              | 655.4               | -822.6              | 866.2                         | 828.7                          | 37.52                    | 23.086        |                                    |
| 10,400.0                                                                                   | 9,615.2                      | 10,737.0                     | 9,675.7                      | 15.7                          | 25.4                 | -94.01              | 755.4               | -822.8              | 866.1                         | 828.1                          | 38.06                    | 22.758        |                                    |
| 10,500.0                                                                                   | 9,615.6                      | 10,837.0                     | 9,676.0                      | 15.8                          | 25.7                 | -94.00              | 855.4               | -822.9              | 866.1                         | 827.4                          | 38.65                    | 22.409        |                                    |
| 10,600.0                                                                                   | 9,616.0                      | 10,937.0                     | 9,676.3                      | 15.8                          | 25.9                 | -93.99              | 955.4               | -823.1              | 866.0                         | 826.7                          | 39.29                    | 22.043        |                                    |
| 10,700.0                                                                                   | 9,616.5                      | 11,037.0                     | 9,676.6                      | 15.9                          | 26.2                 | -93.98              | 1,055.4             | -823.3              | 866.0                         | 826.0                          | 39.98                    | 21.663        |                                    |
| 10,800.0                                                                                   | 9,616.9                      | 11,137.0                     | 9,676.9                      | 16.1                          | 26.5                 | -93.97              | 1,155.4             | -823.5              | 865.9                         | 825.2                          | 40.71                    | 21.272        |                                    |
| 10,900.0                                                                                   | 9,617.3                      | 11,237.0                     | 9,677.2                      | 16.3                          | 26.7                 | -93.96              | 1,255.4             | -823.6              | 865.9                         | 824.4                          | 41.48                    | 20.874        |                                    |
| 11,000.0                                                                                   | 9,617.8                      | 11,337.0                     | 9,677.5                      | 16.7                          | 27.1                 | -93.95              | 1,355.4             | -823.8              | 865.9                         | 823.6                          | 42.30                    | 20.471        |                                    |
| 11,100.0                                                                                   | 9,618.2                      | 11,437.0                     | 9,677.8                      | 17.1                          | 27.4                 | -93.94              | 1,455.4             | -824.0              | 865.8                         | 822.7                          | 43.15                    | 20.066        |                                    |
| 11,200.0                                                                                   | 9,618.6                      | 11,537.0                     | 9,678.0                      | 17.6                          | 27.7                 | -93.94              | 1,555.4             | -824.2              | 865.8                         | 821.7                          | 44.04                    | 19.661        |                                    |
| 11,300.0                                                                                   | 9,619.1                      | 11,637.0                     | 9,678.3                      | 18.2                          | 28.1                 | -93.93              | 1,655.4             | -824.4              | 865.7                         | 820.8                          | 44.96                    | 19.257        |                                    |
| 11,400.0                                                                                   | 9,619.5                      | 11,737.0                     | 9,678.6                      | 18.7                          | 28.4                 | -93.92              | 1,755.4             | -824.5              | 865.7                         | 819.8                          | 45.91                    | 18.857        |                                    |
| 11,500.0                                                                                   | 9,619.9                      | 11,837.0                     | 9,678.9                      | 19.3                          | 28.8                 | -93.91              | 1,855.4             | -824.7              | 865.6                         | 818.7                          | 46.89                    | 18.461        |                                    |
| 11,600.0                                                                                   | 9,620.4                      | 11,937.0                     | 9,679.2                      | 19.9                          | 29.2                 | -93.90              | 1,955.4             | -824.9              | 865.6                         | 817.7                          | 47.90                    | 18.071        |                                    |
| 11,700.0                                                                                   | 9,620.8                      | 12,037.0                     | 9,679.5                      | 20.5                          | 29.6                 | -93.89              | 2,055.4             | -825.1              | 865.5                         | 816.6                          | 48.93                    | 17.688        |                                    |
| 11,800.0                                                                                   | 9,621.2                      | 12,137.0                     | 9,679.8                      | 21.1                          | 30.1                 | -93.88              | 2,155.4             | -825.2              | 865.5                         | 815.5                          | 49.99                    | 17.312        |                                    |
| 11,900.0                                                                                   | 9,621.7                      | 12,237.0                     | 9,680.1                      | 21.8                          | 30.5                 | -93.87              | 2,255.4             | -825.4              | 865.5                         | 814.4                          | 51.07                    | 16.945        |                                    |
| 12,000.0                                                                                   | 9,622.1                      | 12,337.0                     | 9,680.4                      | 22.4                          | 31.0                 | -93.86              | 2,355.4             | -825.6              | 865.4                         | 813.2                          | 52.18                    | 16.586        |                                    |
| 12,100.0                                                                                   | 9,622.5                      | 12,437.0                     | 9,680.7                      | 23.1                          | 31.4                 | -93.85              | 2,455.4             | -825.8              | 865.4                         | 812.1                          | 53.30                    | 16.235        |                                    |
| 12,200.0                                                                                   | 9,623.0                      | 12,537.0                     | 9,681.0                      | 23.7                          | 31.9                 | -93.84              | 2,555.4             | -826.0              | 865.3                         | 810.9                          | 54.44                    | 15.894        |                                    |
| 12,300.0                                                                                   | 9,623.4                      | 12,637.0                     | 9,681.3                      | 24.4                          | 32.4                 | -93.84              | 2,655.4             | -826.1              | 865.3                         | 809.7                          | 55.60                    | 15.562        |                                    |
| 12,400.0                                                                                   | 9,623.8                      | 12,737.0                     | 9,681.6                      | 25.0                          | 32.9                 | -93.83              | 2,755.4             | -826.3              | 865.2                         | 808.5                          | 56.78                    | 15.239        |                                    |
| 12,500.0                                                                                   | 9,624.3                      | 12,837.0                     | 9,681.9                      | 25.7                          | 33.4                 | -93.82              | 2,855.4             | -826.5              | 865.2                         | 807.2                          | 57.97                    | 14.925        |                                    |
| 12,600.0                                                                                   | 9,624.7                      | 12,937.0                     | 9,682.2                      | 26.4                          | 33.9                 | -93.81              | 2,955.4             | -826.7              | 865.1                         | 806.0                          | 59.17                    | 14.620        |                                    |
| 12,700.0                                                                                   | 9,625.1                      | 13,037.0                     | 9,682.5                      | 27.1                          | 34.5                 | -93.80              | 3,055.4             | -826.9              | 865.1                         | 804.7                          | 60.39                    | 14.324        |                                    |
| 12,800.0                                                                                   | 9,625.6                      | 13,137.0                     | 9,682.7                      | 27.8                          | 35.0                 | -93.79              | 3,155.4             | -827.0              | 865.1                         | 803.4                          | 61.63                    | 14.037        |                                    |
| 12,900.0                                                                                   | 9,626.0                      | 13,237.0                     | 9,683.0                      | 28.5                          | 35.5                 | -93.78              | 3,255.4             | -827.2              | 865.0                         | 802.1                          | 62.87                    | 13.759        |                                    |
| 13,000.0                                                                                   | 9,626.4                      | 13,337.0                     | 9,683.3                      | 29.2                          | 36.1                 | -93.77              | 3,355.4             | -827.4              | 865.0                         | 800.8                          | 64.12                    | 13.489        |                                    |
| 13,100.0                                                                                   | 9,626.9                      | 13,437.0                     | 9,683.6                      | 29.9                          | 36.7                 | -93.76              | 3,455.4             | -827.6              | 864.9                         | 799.5                          | 65.39                    | 13.227        |                                    |
| 13,200.0                                                                                   | 9,627.3                      | 13,537.0                     | 9,683.9                      | 30.6                          | 37.2                 | -93.75              | 3,555.4             | -827.7              | 864.9                         | 798.2                          | 66.67                    | 12.973        |                                    |
| 13,300.0                                                                                   | 9,627.7                      | 13,637.0                     | 9,684.2                      | 31.3                          | 37.8                 | -93.74              | 3,655.4             | -827.9              | 864.8                         | 796.9                          | 67.95                    | 12.727        |                                    |
| 13,400.0                                                                                   | 9,628.2                      | 13,737.0                     | 9,684.5                      | 32.0                          | 38.4                 | -93.73              | 3,755.4             | -828.1              | 864.8                         | 795.5                          | 69.25                    | 12.488        |                                    |
| 13,500.0                                                                                   | 9,628.6                      | 13,837.0                     | 9,684.8                      | 32.7                          | 39.0                 | -93.73              | 3,855.4             | -828.3              | 864.7                         | 794.2                          | 70.55                    | 12.257        |                                    |
| 13,600.0                                                                                   | 9,629.0                      | 13,937.0                     | 9,685.1                      | 33.4                          | 39.6                 | -93.72              | 3,955.4             | -828.5              | 864.7                         | 792.8                          | 71.86                    | 12.033        |                                    |
| 13,700.0                                                                                   | 9,629.5                      | 14,037.0                     | 9,685.4                      | 34.1                          | 40.2                 | -93.71              | 4,055.4             | -828.6              | 864.6                         | 791.5                          | 73.18                    | 11.815        |                                    |
| 13,800.0                                                                                   | 9,629.9                      | 14,137.0                     | 9,685.7                      | 34.8                          | 40.8                 | -93.70              | 4,155.3             | -828.8              | 864.6                         | 790.1                          | 74.51                    | 11.605        |                                    |
| 13,900.0                                                                                   | 9,630.3                      | 14,237.0                     | 9,686.0                      | 35.5                          | 41.4                 | -93.69              | 4,255.3             | -829.0              | 864.6                         | 788.7                          | 75.84                    | 11.400        |                                    |
| 14,000.0                                                                                   | 9,630.8                      | 14,337.0                     | 9,686.3                      | 36.3                          | 42.0                 | -93.68              | 4,355.3             | -829.2              | 864.5                         | 787.3                          | 77.18                    | 11.202        |                                    |
| 14,100.0                                                                                   | 9,631.2                      | 14,437.0                     | 9,686.6                      | 37.0                          | 42.7                 | -93.67              | 4,455.3             | -829.4              | 864.5                         | 786.0                          | 78.52                    | 11.009        |                                    |
| 14,200.0                                                                                   | 9,631.6                      | 14,537.0                     | 9,686.9                      | 37.7                          | 43.3                 | -93.66              | 4,555.3             | -829.5              | 864.4                         | 784.6                          | 79.87                    | 10.823        |                                    |
| 14,300.0                                                                                   | 9,632.1                      | 14,637.0                     | 9,687.1                      | 38.4                          | 43.9                 | -93.65              | 4,655.3             | -829.7              | 864.4                         | 783.2                          | 81.23                    | 10.641        |                                    |
| 14,400.0                                                                                   | 9,632.5                      | 14,737.0                     | 9,687.4                      | 39.2                          | 44.6                 | -93.64              | 4,755.3             | -829.9              | 864.3                         | 781.7                          | 82.59                    | 10.465        |                                    |
| 14,500.0                                                                                   | 9,632.9                      | 14,837.0                     | 9,687.7                      | 39.9                          | 45.2                 | -93.63              | 4,855.3             | -830.1              | 864.3                         | 780.3                          | 83.96                    | 10.294        |                                    |
| 14,600.0                                                                                   | 9,633.4                      | 14,937.0                     | 9,688.0                      | 40.6                          | 45.9                 | -93.63              | 4,955.3             | -830.2              | 864.3                         | 778.9                          | 85.33                    | 10.128        |                                    |
| 14,700.0                                                                                   | 9,633.8                      | 15,037.0                     | 9,688.3                      | 41.4                          | 46.5                 | -93.62              | 5,055.3             | -830.4              | 864.2                         | 777.5                          | 86.70                    | 9.967         |                                    |
| 14,800.0                                                                                   | 9,634.3                      | 15,137.0                     | 9,688.6                      | 42.1                          | 47.2                 | -93.61              | 5,155.3             | -830.6              | 864.2                         | 776.1                          | 88.08                    | 9.811         |                                    |
| 14,900.0                                                                                   | 9,634.7                      | 15,237.0                     | 9,688.9                      | 42.8                          | 47.8                 | -93.60              | 5,255.3             | -830.8              | 864.1                         | 774.7                          | 89.47                    | 9.658         |                                    |
| 15,000.0                                                                                   | 9,635.1                      | 15,337.0                     | 9,689.2                      | 43.6                          | 48.5                 | -93.59              | 5,355.3             | -831.0              | 864.1                         | 773.2                          | 90.86                    | 9.510         |                                    |
| 15,100.0                                                                                   | 9,635.6                      | 15,437.0                     | 9,689.5                      | 44.3                          | 49.1                 | -93.58              | 5,455.3             | -831.1              | 864.0                         | 771.8                          | 92.25                    | 9.366         |                                    |
| 15,200.0                                                                                   | 9,636.0                      | 15,537.0                     | 9,689.8                      | 45.0                          | 49.8                 | -93.57              | 5,555.3             | -831.3              | 864.0                         | 770.3                          | 93.64                    | 9.226         |                                    |
| 15,300.0                                                                                   | 9,636.4                      | 15,637.0                     | 9,690.1                      | 45.8                          | 50.5                 | -93.56              | 5,655.3             | -831.5              | 863.9                         | 768.9                          | 95.04                    | 9.090         |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #706H - OWB - PWP2 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9167-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  | <b>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>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 15,400.0                                                                                   | 9,636.9                      | 15,737.0                     | 9,690.4                      | 46.5                    | 51.2                 | -93.55                       | 5,755.3             | -831.7                        | 863.9                         | 767.5                          | 96.44                            | 8.957                    |                                    |
| 15,500.0                                                                                   | 9,637.3                      | 15,837.0                     | 9,690.7                      | 47.2                    | 51.8                 | -93.54                       | 5,855.3             | -831.8                        | 863.9                         | 766.0                          | 97.85                            | 8.828                    |                                    |
| 15,600.0                                                                                   | 9,637.7                      | 15,937.0                     | 9,691.0                      | 48.0                    | 52.5                 | -93.53                       | 5,955.3             | -832.0                        | 863.8                         | 764.6                          | 99.26                            | 8.703                    |                                    |
| 15,700.0                                                                                   | 9,638.2                      | 16,037.0                     | 9,691.3                      | 48.7                    | 53.2                 | -93.52                       | 6,055.3             | -832.2                        | 863.8                         | 763.1                          | 100.67                           | 8.580                    |                                    |
| 15,800.0                                                                                   | 9,638.6                      | 16,137.0                     | 9,691.6                      | 49.5                    | 53.9                 | -93.52                       | 6,155.3             | -832.4                        | 863.7                         | 761.6                          | 102.08                           | 8.461                    |                                    |
| 15,900.0                                                                                   | 9,639.0                      | 16,237.0                     | 9,691.8                      | 50.2                    | 54.6                 | -93.51                       | 6,255.3             | -832.6                        | 863.7                         | 760.2                          | 103.50                           | 8.345                    |                                    |
| 16,000.0                                                                                   | 9,639.5                      | 16,337.0                     | 9,692.1                      | 50.9                    | 55.2                 | -93.50                       | 6,355.3             | -832.7                        | 863.6                         | 758.7                          | 104.92                           | 8.232                    |                                    |
| 16,100.0                                                                                   | 9,639.9                      | 16,437.0                     | 9,692.4                      | 51.7                    | 55.9                 | -93.49                       | 6,455.3             | -832.9                        | 863.6                         | 757.3                          | 106.34                           | 8.121                    |                                    |
| 16,200.0                                                                                   | 9,640.3                      | 16,537.0                     | 9,692.7                      | 52.4                    | 56.6                 | -93.48                       | 6,555.3             | -833.1                        | 863.5                         | 755.8                          | 107.76                           | 8.013                    |                                    |
| 16,300.0                                                                                   | 9,640.8                      | 16,637.0                     | 9,693.0                      | 53.2                    | 57.3                 | -93.47                       | 6,655.3             | -833.3                        | 863.5                         | 754.3                          | 109.19                           | 7.908                    |                                    |
| 16,400.0                                                                                   | 9,641.2                      | 16,737.0                     | 9,693.3                      | 53.9                    | 58.0                 | -93.46                       | 6,755.3             | -833.5                        | 863.5                         | 752.8                          | 110.62                           | 7.806                    |                                    |
| 16,500.0                                                                                   | 9,641.6                      | 16,837.0                     | 9,693.6                      | 54.7                    | 58.7                 | -93.45                       | 6,855.3             | -833.6                        | 863.4                         | 751.4                          | 112.05                           | 7.706                    |                                    |
| 16,600.0                                                                                   | 9,642.1                      | 16,937.0                     | 9,693.9                      | 55.4                    | 59.4                 | -93.44                       | 6,955.3             | -833.8                        | 863.4                         | 749.9                          | 113.48                           | 7.608                    |                                    |
| 16,700.0                                                                                   | 9,642.5                      | 17,037.0                     | 9,694.2                      | 56.2                    | 60.1                 | -93.43                       | 7,055.3             | -834.0                        | 863.3                         | 748.4                          | 114.91                           | 7.513                    |                                    |
| 16,800.0                                                                                   | 9,642.9                      | 17,137.0                     | 9,694.5                      | 56.9                    | 60.8                 | -93.42                       | 7,155.3             | -834.2                        | 863.3                         | 746.9                          | 116.35                           | 7.420                    |                                    |
| 16,900.0                                                                                   | 9,643.4                      | 17,237.0                     | 9,694.8                      | 57.6                    | 61.5                 | -93.41                       | 7,255.3             | -834.3                        | 863.2                         | 745.5                          | 117.79                           | 7.329                    |                                    |
| 17,000.0                                                                                   | 9,643.8                      | 17,337.0                     | 9,695.1                      | 58.4                    | 62.2                 | -93.41                       | 7,355.3             | -834.5                        | 863.2                         | 744.0                          | 119.22                           | 7.240                    |                                    |
| 17,100.0                                                                                   | 9,644.2                      | 17,437.0                     | 9,695.4                      | 59.1                    | 62.9                 | -93.40                       | 7,455.3             | -834.7                        | 863.2                         | 742.5                          | 120.67                           | 7.153                    |                                    |
| 17,200.0                                                                                   | 9,644.7                      | 17,537.0                     | 9,695.7                      | 59.9                    | 63.6                 | -93.39                       | 7,555.3             | -834.9                        | 863.1                         | 741.0                          | 122.11                           | 7.068                    |                                    |
| 17,300.0                                                                                   | 9,645.1                      | 17,637.0                     | 9,696.0                      | 60.6                    | 64.4                 | -93.38                       | 7,655.3             | -835.1                        | 863.1                         | 739.5                          | 123.55                           | 6.985                    |                                    |
| 17,400.0                                                                                   | 9,645.5                      | 17,737.0                     | 9,696.3                      | 61.4                    | 65.1                 | -93.37                       | 7,755.3             | -835.2                        | 863.0                         | 738.0                          | 125.00                           | 6.904                    |                                    |
| 17,500.0                                                                                   | 9,646.0                      | 17,837.0                     | 9,696.5                      | 62.1                    | 65.8                 | -93.36                       | 7,855.3             | -835.4                        | 863.0                         | 736.5                          | 126.44                           | 6.825                    |                                    |
| 17,600.0                                                                                   | 9,646.4                      | 17,937.0                     | 9,696.8                      | 62.9                    | 66.5                 | -93.35                       | 7,955.3             | -835.6                        | 862.9                         | 735.0                          | 127.89                           | 6.747                    |                                    |
| 17,700.0                                                                                   | 9,646.8                      | 18,037.0                     | 9,697.1                      | 63.6                    | 67.2                 | -93.34                       | 8,055.3             | -835.8                        | 862.9                         | 733.6                          | 129.34                           | 6.671                    |                                    |
| 17,800.0                                                                                   | 9,647.3                      | 18,137.0                     | 9,697.4                      | 64.4                    | 67.9                 | -93.33                       | 8,155.3             | -836.0                        | 862.8                         | 732.1                          | 130.79                           | 6.597                    |                                    |
| 17,900.0                                                                                   | 9,647.7                      | 18,237.0                     | 9,697.7                      | 65.1                    | 68.6                 | -93.32                       | 8,255.3             | -836.1                        | 862.8                         | 730.6                          | 132.24                           | 6.524                    |                                    |
| 18,000.0                                                                                   | 9,648.1                      | 18,337.0                     | 9,698.0                      | 65.9                    | 69.4                 | -93.31                       | 8,355.3             | -836.3                        | 862.8                         | 729.1                          | 133.70                           | 6.453                    |                                    |
| 18,100.0                                                                                   | 9,648.6                      | 18,437.0                     | 9,698.3                      | 66.6                    | 70.1                 | -93.30                       | 8,455.3             | -836.5                        | 862.7                         | 727.6                          | 135.15                           | 6.383                    |                                    |
| 18,200.0                                                                                   | 9,649.0                      | 18,537.0                     | 9,698.6                      | 67.4                    | 70.8                 | -93.30                       | 8,555.3             | -836.7                        | 862.7                         | 726.1                          | 136.61                           | 6.315                    |                                    |
| 18,300.0                                                                                   | 9,649.4                      | 18,637.0                     | 9,698.9                      | 68.1                    | 71.5                 | -93.29                       | 8,655.3             | -836.8                        | 862.6                         | 724.6                          | 138.06                           | 6.248                    |                                    |
| 18,400.0                                                                                   | 9,649.9                      | 18,737.0                     | 9,699.2                      | 68.9                    | 72.2                 | -93.28                       | 8,755.3             | -837.0                        | 862.6                         | 723.1                          | 139.52                           | 6.182                    |                                    |
| 18,500.0                                                                                   | 9,650.3                      | 18,837.0                     | 9,699.5                      | 69.6                    | 73.0                 | -93.27                       | 8,855.3             | -837.2                        | 862.5                         | 721.6                          | 140.98                           | 6.118                    |                                    |
| 18,600.0                                                                                   | 9,650.7                      | 18,937.0                     | 9,699.8                      | 70.4                    | 73.7                 | -93.26                       | 8,955.3             | -837.4                        | 862.5                         | 720.1                          | 142.44                           | 6.055                    |                                    |
| 18,700.0                                                                                   | 9,651.2                      | 19,037.0                     | 9,700.1                      | 71.2                    | 74.4                 | -93.25                       | 9,055.3             | -837.6                        | 862.5                         | 718.6                          | 143.90                           | 5.993                    |                                    |
| 18,800.0                                                                                   | 9,651.6                      | 19,137.0                     | 9,700.4                      | 71.9                    | 75.1                 | -93.24                       | 9,155.3             | -837.7                        | 862.4                         | 717.1                          | 145.36                           | 5.933                    |                                    |
| 18,900.0                                                                                   | 9,652.1                      | 19,237.0                     | 9,700.7                      | 72.7                    | 75.9                 | -93.23                       | 9,255.3             | -837.9                        | 862.4                         | 715.5                          | 146.82                           | 5.873                    |                                    |
| 19,000.0                                                                                   | 9,652.5                      | 19,337.0                     | 9,701.0                      | 73.4                    | 76.6                 | -93.22                       | 9,355.3             | -838.1                        | 862.3                         | 714.0                          | 148.29                           | 5.815                    |                                    |
| 19,100.0                                                                                   | 9,652.9                      | 19,437.0                     | 9,701.2                      | 74.2                    | 77.3                 | -93.21                       | 9,455.3             | -838.3                        | 862.3                         | 712.5                          | 149.75                           | 5.758                    |                                    |
| 19,200.0                                                                                   | 9,653.4                      | 19,537.0                     | 9,701.5                      | 74.9                    | 78.0                 | -93.20                       | 9,555.3             | -838.5                        | 862.2                         | 711.0                          | 151.22                           | 5.702                    |                                    |
| 19,300.0                                                                                   | 9,653.8                      | 19,637.0                     | 9,701.8                      | 75.7                    | 78.8                 | -93.19                       | 9,655.3             | -838.6                        | 862.2                         | 709.5                          | 152.68                           | 5.647                    |                                    |
| 19,400.0                                                                                   | 9,654.2                      | 19,737.0                     | 9,702.1                      | 76.4                    | 79.5                 | -93.19                       | 9,755.3             | -838.8                        | 862.2                         | 708.0                          | 154.15                           | 5.593                    |                                    |
| 19,500.0                                                                                   | 9,654.7                      | 19,837.0                     | 9,702.4                      | 77.2                    | 80.2                 | -93.18                       | 9,855.3             | -839.0                        | 862.1                         | 706.5                          | 155.62                           | 5.540                    |                                    |
| 19,600.0                                                                                   | 9,655.1                      | 19,937.0                     | 9,702.7                      | 77.9                    | 81.0                 | -93.17                       | 9,955.3             | -839.2                        | 862.1                         | 705.0                          | 157.09                           | 5.488                    |                                    |
| 19,700.0                                                                                   | 9,655.5                      | 20,037.0                     | 9,703.0                      | 78.7                    | 81.7                 | -93.16                       | 10,055.3            | -839.3                        | 862.0                         | 703.5                          | 158.55                           | 5.437                    |                                    |
| 19,800.0                                                                                   | 9,656.0                      | 20,137.0                     | 9,703.3                      | 79.4                    | 82.4                 | -93.15                       | 10,155.3            | -839.5                        | 862.0                         | 702.0                          | 160.02                           | 5.387                    |                                    |
| 19,900.0                                                                                   | 9,656.4                      | 20,237.0                     | 9,703.6                      | 80.2                    | 83.2                 | -93.14                       | 10,255.3            | -839.7                        | 861.9                         | 700.4                          | 161.49                           | 5.337                    |                                    |
| 20,000.0                                                                                   | 9,656.8                      | 20,337.0                     | 9,703.9                      | 81.0                    | 83.9                 | -93.13                       | 10,355.3            | -839.9                        | 861.9                         | 698.9                          | 162.96                           | 5.289                    |                                    |
| 20,100.0                                                                                   | 9,657.3                      | 20,437.0                     | 9,704.2                      | 81.7                    | 84.6                 | -93.12                       | 10,455.3            | -840.1                        | 861.9                         | 697.4                          | 164.44                           | 5.241                    |                                    |
| 20,200.0                                                                                   | 9,657.7                      | 20,537.0                     | 9,704.5                      | 82.5                    | 85.4                 | -93.11                       | 10,555.3            | -840.2                        | 861.8                         | 695.9                          | 165.91                           | 5.195                    |                                    |
| 20,300.0                                                                                   | 9,658.1                      | 20,637.0                     | 9,704.8                      | 83.2                    | 86.1                 | -93.10                       | 10,655.3            | -840.4                        | 861.8                         | 694.4                          | 167.38                           | 5.149                    |                                    |
| 20,400.0                                                                                   | 9,658.6                      | 20,737.0                     | 9,705.1                      | 84.0                    | 86.8                 | -93.09                       | 10,755.3            | -840.6                        | 861.7                         | 692.9                          | 168.85                           | 5.103                    |                                    |
| 20,500.0                                                                                   | 9,659.0                      | 20,837.0                     | 9,705.4                      | 84.7                    | 87.6                 | -93.08                       | 10,855.3            | -840.8                        | 861.7                         | 691.4                          | 170.33                           | 5.059                    |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| Offset Design: KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #706H - OWB - PWP2 |                       |                       |                       |                  |               |                        |              |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 1506-r.5 MWD+IFR1+MS, 9167-r.5 MWD+IFR1+MS  |                       |                       |                       |                  |               |                        |              |              |                        |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                           |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned:         |                         |                           |                   | Warning            |          |
| Measured Depth (usft)                                                               | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor |                    |          |
| 20,600.0                                                                            | 9,659.4               | 20,937.0              | 9,705.7               | 85.5             | 88.3          | -93.07                 | 10,955.3     | -840.9       | 861.6                  | 689.8                   | 171.80                    | 5.015             |                    |          |
| 20,700.0                                                                            | 9,659.9               | 21,037.0              | 9,705.9               | 86.2             | 89.0          | -93.07                 | 11,055.3     | -841.1       | 861.6                  | 688.3                   | 173.28                    | 4.972             |                    |          |
| 20,800.0                                                                            | 9,660.3               | 21,137.0              | 9,706.2               | 87.0             | 89.8          | -93.06                 | 11,155.3     | -841.3       | 861.6                  | 686.8                   | 174.75                    | 4.930             |                    |          |
| 20,900.0                                                                            | 9,660.7               | 21,237.0              | 9,706.5               | 87.8             | 90.5          | -93.05                 | 11,255.3     | -841.5       | 861.5                  | 685.3                   | 176.23                    | 4.889             |                    |          |
| 21,000.0                                                                            | 9,661.2               | 21,337.0              | 9,706.8               | 88.5             | 91.2          | -93.04                 | 11,355.3     | -841.7       | 861.5                  | 683.8                   | 177.71                    | 4.848             |                    |          |
| 21,100.0                                                                            | 9,661.6               | 21,437.0              | 9,707.1               | 89.3             | 92.0          | -93.03                 | 11,455.3     | -841.8       | 861.4                  | 682.2                   | 179.18                    | 4.808             |                    |          |
| 21,200.0                                                                            | 9,662.0               | 21,537.0              | 9,707.4               | 90.0             | 92.7          | -93.02                 | 11,555.3     | -842.0       | 861.4                  | 680.7                   | 180.66                    | 4.768             |                    |          |
| 21,300.0                                                                            | 9,662.5               | 21,637.0              | 9,707.7               | 90.8             | 93.5          | -93.01                 | 11,655.3     | -842.2       | 861.3                  | 679.2                   | 182.14                    | 4.729             |                    |          |
| 21,400.0                                                                            | 9,662.9               | 21,737.0              | 9,708.0               | 91.5             | 94.2          | -93.00                 | 11,755.3     | -842.4       | 861.3                  | 677.7                   | 183.62                    | 4.691             |                    |          |
| 21,500.0                                                                            | 9,663.3               | 21,837.0              | 9,708.3               | 92.3             | 94.9          | -92.99                 | 11,855.3     | -842.6       | 861.3                  | 676.2                   | 185.09                    | 4.653             |                    |          |
| 21,600.0                                                                            | 9,663.8               | 21,937.0              | 9,708.6               | 93.1             | 95.7          | -92.98                 | 11,955.3     | -842.7       | 861.2                  | 674.6                   | 186.57                    | 4.616             |                    |          |
| 21,700.0                                                                            | 9,664.2               | 22,037.0              | 9,708.9               | 93.8             | 96.4          | -92.97                 | 12,055.3     | -842.9       | 861.2                  | 673.1                   | 188.05                    | 4.579             |                    |          |
| 21,768.9                                                                            | 9,664.5               | 22,105.4              | 9,709.1               | 94.3             | 96.9          | -92.97                 | 12,123.8     | -843.0       | 861.1                  | 672.1                   | 189.07                    | 4.555             |                    |          |
| 21,783.2                                                                            | 9,664.6               | 22,105.4              | 9,709.1               | 94.4             | 96.9          | -92.97                 | 12,123.8     | -843.0       | 861.3                  | 672.0                   | 189.22                    | 4.552             |                    |          |

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



## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #906H - OWB - PWP1 |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10245-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Distance</b>              | <b>Rule Assigned:</b>   |                      |                              |                     |                     |                               |                                |                                  |                          |                                    |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 0.0                                                                                        | 0.0                          | 0.0                          | 1.5                          | 3.0                     | 3.0                  | -90.26                       | -1.8                | -400.0              | 400.0                         |                                |                                  |                          |                                    |
| 100.0                                                                                      | 100.0                        | 98.5                         | 100.0                        | 3.0                     | 3.1                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 393.5                          | 6.52                             | 61.308                   |                                    |
| 200.0                                                                                      | 200.0                        | 198.5                        | 200.0                        | 3.2                     | 3.2                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 393.2                          | 6.76                             | 59.140                   |                                    |
| 300.0                                                                                      | 300.0                        | 298.5                        | 300.0                        | 3.3                     | 3.3                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 393.0                          | 7.00                             | 57.184                   |                                    |
| 400.0                                                                                      | 400.0                        | 398.5                        | 400.0                        | 3.4                     | 3.4                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 392.8                          | 7.22                             | 55.416                   |                                    |
| 500.0                                                                                      | 500.0                        | 498.5                        | 500.0                        | 3.5                     | 3.6                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 392.6                          | 7.43                             | 53.806                   |                                    |
| 600.0                                                                                      | 600.0                        | 598.5                        | 600.0                        | 3.7                     | 3.7                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 392.4                          | 7.64                             | 52.332                   |                                    |
| 700.0                                                                                      | 700.0                        | 698.5                        | 700.0                        | 3.8                     | 3.8                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 392.2                          | 7.85                             | 50.975                   |                                    |
| 800.0                                                                                      | 800.0                        | 798.5                        | 800.0                        | 3.9                     | 3.9                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 392.0                          | 8.04                             | 49.721                   |                                    |
| 900.0                                                                                      | 900.0                        | 898.5                        | 900.0                        | 4.0                     | 4.0                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 391.8                          | 8.24                             | 48.557                   |                                    |
| 1,000.0                                                                                    | 1,000.0                      | 998.5                        | 1,000.0                      | 4.2                     | 4.2                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 391.6                          | 8.43                             | 47.473                   |                                    |
| 1,100.0                                                                                    | 1,100.0                      | 1,098.5                      | 1,100.0                      | 4.3                     | 4.3                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 391.4                          | 8.61                             | 46.459                   |                                    |
| 1,200.0                                                                                    | 1,200.0                      | 1,198.5                      | 1,200.0                      | 4.4                     | 4.4                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 391.2                          | 8.79                             | 45.510                   |                                    |
| 1,300.0                                                                                    | 1,300.0                      | 1,298.5                      | 1,300.0                      | 4.5                     | 4.5                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 391.0                          | 8.97                             | 44.617                   |                                    |
| 1,400.0                                                                                    | 1,400.0                      | 1,398.5                      | 1,400.0                      | 4.6                     | 4.6                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 390.9                          | 9.14                             | 43.775                   |                                    |
| 1,500.0                                                                                    | 1,500.0                      | 1,498.5                      | 1,500.0                      | 4.7                     | 4.8                  | -90.26                       | -1.8                | -400.0              | 400.0                         | 390.7                          | 9.31                             | 42.981                   |                                    |
| 1,600.0                                                                                    | 1,600.0                      | 1,598.5                      | 1,600.0                      | 4.9                     | 4.9                  | 100.98                       | -1.8                | -400.0              | 400.3                         | 390.8                          | 9.56                             | 41.876                   |                                    |
| 1,700.0                                                                                    | 1,699.8                      | 1,698.3                      | 1,699.8                      | 5.2                     | 5.1                  | 101.69                       | -1.8                | -400.0              | 401.4                         | 391.5                          | 9.88                             | 40.633                   |                                    |
| 1,800.0                                                                                    | 1,799.5                      | 1,798.0                      | 1,799.5                      | 5.5                     | 5.2                  | 102.87                       | -1.8                | -400.0              | 403.2                         | 393.0                          | 10.19                            | 39.561                   |                                    |
| 1,900.0                                                                                    | 1,898.8                      | 1,897.3                      | 1,898.8                      | 5.6                     | 5.4                  | 104.39                       | -1.8                | -400.0              | 405.9                         | 395.4                          | 10.45                            | 38.858                   |                                    |
| 2,000.0                                                                                    | 1,998.2                      | 1,996.7                      | 1,998.2                      | 5.9                     | 5.5                  | 105.91                       | -1.8                | -400.0              | 408.9                         | 398.1                          | 10.76                            | 38.007                   |                                    |
| 2,100.0                                                                                    | 2,097.5                      | 2,096.0                      | 2,097.5                      | 6.1                     | 5.6                  | 107.42                       | -1.8                | -400.0              | 412.1                         | 401.1                          | 11.07                            | 37.225                   |                                    |
| 2,200.0                                                                                    | 2,196.9                      | 2,195.4                      | 2,196.9                      | 6.4                     | 5.8                  | 108.90                       | -1.8                | -400.0              | 415.7                         | 404.3                          | 11.39                            | 36.501                   |                                    |
| 2,300.0                                                                                    | 2,296.2                      | 2,294.7                      | 2,296.2                      | 6.7                     | 5.9                  | 110.35                       | -1.8                | -400.0              | 419.5                         | 407.8                          | 11.71                            | 35.826                   |                                    |
| 2,400.0                                                                                    | 2,395.6                      | 2,394.1                      | 2,395.6                      | 7.0                     | 6.0                  | 111.78                       | -1.8                | -400.0              | 423.6                         | 411.6                          | 12.04                            | 35.194                   |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,493.5                      | 2,495.0                      | 7.3                     | 6.2                  | 113.18                       | -1.8                | -400.0              | 427.9                         | 415.6                          | 12.37                            | 34.599                   |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,609.3                      | 2,610.7                      | 7.6                     | 6.3                  | 114.77                       | -2.4                | -398.0              | 430.8                         | 418.0                          | 12.81                            | 33.625                   |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,726.3                      | 2,727.6                      | 7.9                     | 6.5                  | 116.34                       | -4.2                | -391.4              | 429.8                         | 416.5                          | 13.27                            | 32.398                   |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,843.1                      | 2,843.8                      | 8.3                     | 6.7                  | 117.93                       | -7.4                | -380.2              | 425.0                         | 411.3                          | 13.74                            | 30.924                   |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,959.3                      | 2,958.8                      | 8.6                     | 7.0                  | 119.58                       | -11.7               | -364.6              | 416.4                         | 402.2                          | 14.25                            | 29.222                   |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 3,074.4                      | 3,072.1                      | 8.9                     | 7.3                  | 121.33                       | -17.3               | -344.7              | 404.1                         | 389.3                          | 14.79                            | 27.327                   |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,188.2                      | 3,183.1                      | 9.3                     | 7.7                  | 123.25                       | -24.1               | -320.8              | 388.2                         | 372.8                          | 15.36                            | 25.272                   |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,287.4                      | 3,279.4                      | 9.6                     | 8.0                  | 125.12                       | -30.5               | -297.7              | 370.3                         | 354.4                          | 15.93                            | 23.241                   |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,385.0                      | 3,374.1                      | 10.0                    | 8.2                  | 127.15                       | -36.9               | -275.0              | 352.8                         | 336.2                          | 16.54                            | 21.325                   |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,482.7                      | 3,468.8                      | 10.3                    | 8.5                  | 129.27                       | -43.3               | -252.2              | 335.6                         | 318.5                          | 17.14                            | 19.575                   |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,580.3                      | 3,563.6                      | 10.7                    | 8.8                  | 131.35                       | -49.7               | -229.5              | 317.9                         | 300.1                          | 17.82                            | 17.843                   |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,677.9                      | 3,658.2                      | 11.0                    | 9.2                  | 133.44                       | -56.1               | -206.8              | 299.6                         | 281.1                          | 18.50                            | 16.190                   |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,775.4                      | 3,752.8                      | 11.4                    | 9.5                  | 135.57                       | -62.5               | -184.1              | 280.5                         | 261.3                          | 19.20                            | 14.613                   |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,872.8                      | 3,847.4                      | 11.7                    | 9.8                  | 137.77                       | -68.9               | -161.4              | 260.7                         | 240.8                          | 19.89                            | 13.107                   |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,970.1                      | 3,941.7                      | 12.0                    | 10.2                 | 140.08                       | -75.2               | -138.7              | 240.0                         | 219.4                          | 20.57                            | 11.668                   |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 4,067.2                      | 4,036.0                      | 12.1                    | 10.6                 | -48.43                       | -81.6               | -116.1              | 218.4                         | 197.3                          | 21.14                            | 10.333                   |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 4,164.2                      | 4,130.1                      | 12.2                    | 10.9                 | -45.38                       | -87.9               | -93.5               | 196.8                         | 175.1                          | 21.71                            | 9.065                    |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,261.2                      | 4,224.3                      | 12.3                    | 11.3                 | -41.60                       | -94.3               | -70.9               | 175.9                         | 153.7                          | 22.19                            | 7.925                    |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,358.3                      | 4,318.4                      | 12.3                    | 11.7                 | -36.84                       | -100.7              | -48.3               | 155.9                         | 133.2                          | 22.63                            | 6.889                    |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,455.3                      | 4,412.6                      | 12.4                    | 12.1                 | -30.77                       | -107.0              | -25.7               | 137.2                         | 114.2                          | 22.96                            | 5.975                    |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,552.3                      | 4,506.7                      | 12.4                    | 12.5                 | -22.97                       | -113.4              | -3.1                | 120.5                         | 97.4                           | 23.13                            | 5.212                    |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,649.3                      | 4,600.8                      | 12.5                    | 12.9                 | -13.02                       | -119.7              | 19.5                | 106.8                         | 83.8                           | 23.00                            | 4.643                    |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,746.4                      | 4,695.0                      | 12.5                    | 13.3                 | -0.76                        | -126.1              | 42.1                | 97.2                          | 74.7                           | 22.52                            | 4.317                    |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,843.4                      | 4,789.1                      | 12.6                    | 13.7                 | 13.24                        | -132.4              | 64.7                | 93.1                          | 71.3                           | 21.82                            | 4.267 ES, SF             |                                    |
| 4,817.0                                                                                    | 4,805.2                      | 4,859.9                      | 4,805.2                      | 12.6                    | 13.8                 | 15.70                        | -133.5              | 68.5                | 93.0                          | 71.3                           | 21.70                            | 4.284 CC                 |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,940.4                      | 4,883.3                      | 12.6                    | 14.2                 | 27.53                        | -138.8              | 87.3                | 95.1                          | 73.8                           | 21.34                            | 4.457                    |                                    |
| 5,000.0                                                                                    | 4,988.1                      | 5,037.5                      | 4,977.4                      | 12.7                    | 14.6                 | 40.49                        | -145.1              | 109.9               | 103.0                         | 81.5                           | 21.46                            | 4.799                    |                                    |

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



## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                           |          |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|-------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #906H - OWB - PWP1 |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10245-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>     |                               | <b>Rule Assigned:</b>          |                                  | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b>  | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 5,100.0                                                                                    | 5,088.1                      | 5,134.5                      | 5,071.6                      | 12.7                    | 15.0                 | 51.24                         | -151.5              | 132.5               | 115.5                         | 93.4                           | 22.10                            | 5.225                     |          |
| 5,200.0                                                                                    | 5,188.1                      | 5,231.5                      | 5,165.7                      | 12.8                    | 15.4                 | 59.73                         | -157.8              | 155.1               | 131.3                         | 108.3                          | 23.00                            | 5.707                     |          |
| 5,300.0                                                                                    | 5,288.1                      | 5,328.6                      | 5,259.9                      | 12.8                    | 15.9                 | 66.34                         | -164.2              | 177.7               | 149.3                         | 125.4                          | 23.97                            | 6.230                     |          |
| 5,400.0                                                                                    | 5,388.1                      | 5,425.6                      | 5,354.0                      | 12.9                    | 16.3                 | 71.50                         | -170.5              | 200.3               | 168.9                         | 144.0                          | 24.92                            | 6.779                     |          |
| 5,500.0                                                                                    | 5,488.1                      | 5,522.6                      | 5,448.2                      | 12.9                    | 16.8                 | 75.59                         | -176.9              | 222.8               | 189.6                         | 163.8                          | 25.83                            | 7.341                     |          |
| 5,600.0                                                                                    | 5,588.1                      | 5,619.6                      | 5,542.3                      | 13.0                    | 17.2                 | 78.86                         | -183.2              | 245.4               | 211.0                         | 184.3                          | 26.69                            | 7.907                     |          |
| 5,700.0                                                                                    | 5,688.1                      | 5,716.7                      | 5,636.5                      | 13.0                    | 17.6                 | 81.54                         | -189.6              | 268.0               | 233.0                         | 205.5                          | 27.51                            | 8.468                     |          |
| 5,800.0                                                                                    | 5,788.1                      | 5,813.7                      | 5,730.6                      | 13.1                    | 18.1                 | 83.75                         | -195.9              | 290.6               | 255.3                         | 227.0                          | 28.30                            | 9.022                     |          |
| 5,900.0                                                                                    | 5,888.1                      | 5,910.7                      | 5,824.8                      | 13.1                    | 18.5                 | 85.61                         | -202.3              | 313.2               | 278.0                         | 248.9                          | 29.07                            | 9.565                     |          |
| 6,000.0                                                                                    | 5,988.1                      | 6,007.8                      | 5,918.9                      | 13.2                    | 19.0                 | 87.19                         | -208.6              | 335.8               | 300.9                         | 271.1                          | 29.81                            | 10.094                    |          |
| 6,100.0                                                                                    | 6,088.1                      | 6,104.8                      | 6,013.1                      | 13.2                    | 19.4                 | 88.54                         | -215.0              | 358.4               | 324.0                         | 293.5                          | 30.54                            | 10.609                    |          |
| 6,200.0                                                                                    | 6,188.1                      | 6,201.8                      | 6,107.2                      | 13.3                    | 19.9                 | 89.72                         | -221.3              | 381.0               | 347.3                         | 316.0                          | 31.26                            | 11.110                    |          |
| 6,300.0                                                                                    | 6,288.1                      | 6,298.8                      | 6,201.4                      | 13.3                    | 20.3                 | 90.74                         | -227.7              | 403.6               | 370.6                         | 338.7                          | 31.96                            | 11.595                    |          |
| 6,400.0                                                                                    | 6,388.1                      | 6,395.9                      | 6,295.5                      | 13.4                    | 20.8                 | 91.65                         | -234.0              | 426.2               | 394.1                         | 361.4                          | 32.66                            | 12.065                    |          |
| 6,500.0                                                                                    | 6,488.1                      | 6,492.9                      | 6,389.6                      | 13.5                    | 21.2                 | 92.45                         | -240.4              | 448.8               | 417.6                         | 384.3                          | 33.36                            | 12.520                    |          |
| 6,600.0                                                                                    | 6,588.1                      | 6,589.9                      | 6,483.8                      | 13.5                    | 21.7                 | 93.17                         | -246.7              | 471.4               | 441.2                         | 407.2                          | 34.05                            | 12.960                    |          |
| 6,700.0                                                                                    | 6,688.1                      | 6,687.0                      | 6,577.9                      | 13.6                    | 22.1                 | 93.82                         | -253.1              | 494.0               | 464.9                         | 430.2                          | 34.73                            | 13.387                    |          |
| 6,800.0                                                                                    | 6,788.1                      | 6,784.0                      | 6,672.1                      | 13.6                    | 22.6                 | 94.40                         | -259.5              | 516.6               | 488.7                         | 453.2                          | 35.41                            | 13.799                    |          |
| 6,900.0                                                                                    | 6,888.1                      | 6,881.0                      | 6,766.2                      | 13.7                    | 23.0                 | 94.93                         | -265.8              | 539.2               | 512.4                         | 476.3                          | 36.09                            | 14.198                    |          |
| 7,000.0                                                                                    | 6,988.1                      | 6,978.1                      | 6,860.4                      | 13.7                    | 23.5                 | 95.41                         | -272.2              | 561.8               | 536.2                         | 499.5                          | 36.77                            | 14.583                    |          |
| 7,100.0                                                                                    | 7,088.1                      | 7,075.1                      | 6,954.5                      | 13.8                    | 24.0                 | 95.86                         | -278.5              | 584.4               | 560.1                         | 522.6                          | 37.45                            | 14.957                    |          |
| 7,200.0                                                                                    | 7,188.1                      | 7,172.1                      | 7,048.7                      | 13.8                    | 24.4                 | 96.26                         | -284.9              | 607.0               | 583.9                         | 545.8                          | 38.12                            | 15.318                    |          |
| 7,300.0                                                                                    | 7,288.1                      | 7,269.1                      | 7,142.8                      | 13.9                    | 24.9                 | 96.64                         | -291.2              | 629.6               | 607.8                         | 569.0                          | 38.80                            | 15.667                    |          |
| 7,400.0                                                                                    | 7,388.1                      | 7,366.2                      | 7,237.0                      | 14.0                    | 25.3                 | 96.98                         | -297.6              | 652.2               | 631.8                         | 592.3                          | 39.47                            | 16.006                    |          |
| 7,500.0                                                                                    | 7,488.1                      | 7,463.2                      | 7,331.1                      | 14.0                    | 25.8                 | 97.30                         | -303.9              | 674.8               | 655.7                         | 615.6                          | 40.14                            | 16.334                    |          |
| 7,600.0                                                                                    | 7,588.1                      | 7,560.2                      | 7,425.3                      | 14.1                    | 26.3                 | 97.60                         | -310.3              | 697.4               | 679.7                         | 638.8                          | 40.82                            | 16.651                    |          |
| 7,700.0                                                                                    | 7,688.1                      | 7,657.3                      | 7,519.4                      | 14.1                    | 26.7                 | 97.88                         | -316.6              | 720.0               | 703.6                         | 662.1                          | 41.49                            | 16.959                    |          |
| 7,800.0                                                                                    | 7,788.1                      | 7,754.3                      | 7,613.6                      | 14.2                    | 27.2                 | 98.14                         | -323.0              | 742.6               | 727.6                         | 685.4                          | 42.16                            | 17.257                    |          |
| 7,900.0                                                                                    | 7,888.1                      | 7,851.3                      | 7,707.7                      | 14.3                    | 27.7                 | 98.38                         | -329.3              | 765.2               | 751.6                         | 708.8                          | 42.84                            | 17.546                    |          |
| 8,000.0                                                                                    | 7,988.1                      | 7,948.4                      | 7,801.9                      | 14.3                    | 28.1                 | 98.61                         | -335.7              | 787.8               | 775.6                         | 732.1                          | 43.51                            | 17.826                    |          |
| 8,100.0                                                                                    | 8,088.1                      | 8,045.4                      | 7,896.0                      | 14.4                    | 28.6                 | 98.82                         | -342.0              | 810.4               | 799.6                         | 755.5                          | 44.18                            | 18.098                    |          |
| 8,200.0                                                                                    | 8,188.1                      | 8,142.4                      | 7,990.2                      | 14.4                    | 29.1                 | 99.02                         | -348.4              | 833.0               | 823.7                         | 778.8                          | 44.86                            | 18.362                    |          |
| 8,300.0                                                                                    | 8,288.1                      | 8,239.4                      | 8,084.3                      | 14.5                    | 29.5                 | 99.21                         | -354.7              | 855.6               | 847.7                         | 802.2                          | 45.53                            | 18.619                    |          |
| 8,400.0                                                                                    | 8,388.1                      | 8,345.1                      | 8,186.9                      | 14.6                    | 30.0                 | 99.40                         | -361.6              | 879.9               | 871.5                         | 825.3                          | 46.25                            | 18.843                    |          |
| 8,500.0                                                                                    | 8,488.1                      | 8,460.2                      | 8,299.1                      | 14.6                    | 30.6                 | 99.59                         | -368.5              | 904.6               | 893.7                         | 846.6                          | 47.01                            | 19.009                    |          |
| 8,600.0                                                                                    | 8,588.1                      | 8,576.4                      | 8,412.9                      | 14.7                    | 31.1                 | 99.75                         | -374.9              | 927.3               | 913.8                         | 866.1                          | 47.74                            | 19.141                    |          |
| 8,700.0                                                                                    | 8,688.1                      | 8,693.5                      | 8,528.0                      | 14.7                    | 31.6                 | 99.89                         | -380.7              | 947.9               | 932.0                         | 883.6                          | 48.44                            | 19.240                    |          |
| 8,800.0                                                                                    | 8,788.1                      | 8,811.4                      | 8,644.3                      | 14.8                    | 32.2                 | 100.01                        | -385.9              | 966.3               | 948.2                         | 899.1                          | 49.11                            | 19.306                    |          |
| 8,900.0                                                                                    | 8,888.1                      | 8,930.1                      | 8,761.8                      | 14.9                    | 32.7                 | 100.11                        | -390.4              | 982.6               | 962.3                         | 912.6                          | 49.75                            | 19.343                    |          |
| 9,000.0                                                                                    | 8,988.1                      | 9,049.4                      | 8,880.2                      | 14.9                    | 33.2                 | 100.19                        | -394.3              | 996.5               | 974.4                         | 924.1                          | 50.35                            | 19.353                    |          |
| 9,100.0                                                                                    | 9,088.1                      | 9,169.3                      | 8,999.5                      | 15.0                    | 33.7                 | 100.26                        | -397.6              | 1,008.2             | 984.5                         | 933.6                          | 50.91                            | 19.337                    |          |
| 9,200.0                                                                                    | 9,188.0                      | 9,289.4                      | 9,119.3                      | 15.0                    | 34.1                 | 100.10                        | -400.2              | 1,017.4             | 993.0                         | 941.5                          | 51.42                            | 19.310                    |          |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #907H - OWB - PWP1 |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9958-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Distance</b>              | <b>Rule Assigned:</b>   |                      |                              |                     |                     |                               |                                |                                  |                          |                                    |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 0.0                                                                                        | 0.0                          | 0.0                          | 0.3                          | 3.0                     | 3.0                  | -90.25                       | -1.9                | -429.9              | 429.9                         |                                |                                  |                          |                                    |
| 100.0                                                                                      | 100.0                        | 99.7                         | 100.0                        | 3.0                     | 3.1                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 423.4                          | 6.53                             | 65.878                   |                                    |
| 200.0                                                                                      | 200.0                        | 199.7                        | 200.0                        | 3.2                     | 3.2                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 423.1                          | 6.77                             | 63.543                   |                                    |
| 300.0                                                                                      | 300.0                        | 299.7                        | 300.0                        | 3.3                     | 3.3                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 422.9                          | 7.00                             | 61.445                   |                                    |
| 400.0                                                                                      | 400.0                        | 399.7                        | 400.0                        | 3.4                     | 3.4                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 422.7                          | 7.22                             | 59.546                   |                                    |
| 500.0                                                                                      | 500.0                        | 499.7                        | 500.0                        | 3.5                     | 3.6                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 422.5                          | 7.44                             | 57.818                   |                                    |
| 600.0                                                                                      | 600.0                        | 599.7                        | 600.0                        | 3.7                     | 3.7                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 422.3                          | 7.64                             | 56.234                   |                                    |
| 700.0                                                                                      | 700.0                        | 699.7                        | 700.0                        | 3.8                     | 3.8                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 422.1                          | 7.85                             | 54.777                   |                                    |
| 800.0                                                                                      | 800.0                        | 799.7                        | 800.0                        | 3.9                     | 3.9                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 421.9                          | 8.05                             | 53.430                   |                                    |
| 900.0                                                                                      | 900.0                        | 899.7                        | 900.0                        | 4.0                     | 4.0                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 421.7                          | 8.24                             | 52.179                   |                                    |
| 1,000.0                                                                                    | 1,000.0                      | 999.7                        | 1,000.0                      | 4.2                     | 4.2                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 421.5                          | 8.43                             | 51.015                   |                                    |
| 1,100.0                                                                                    | 1,100.0                      | 1,099.7                      | 1,100.0                      | 4.3                     | 4.3                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 421.3                          | 8.61                             | 49.926                   |                                    |
| 1,200.0                                                                                    | 1,200.0                      | 1,199.7                      | 1,200.0                      | 4.4                     | 4.4                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 421.1                          | 8.79                             | 48.905                   |                                    |
| 1,300.0                                                                                    | 1,300.0                      | 1,299.7                      | 1,300.0                      | 4.5                     | 4.5                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 420.9                          | 8.97                             | 47.946                   |                                    |
| 1,400.0                                                                                    | 1,400.0                      | 1,399.7                      | 1,400.0                      | 4.6                     | 4.6                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 420.8                          | 9.14                             | 47.042                   |                                    |
| 1,500.0                                                                                    | 1,500.0                      | 1,499.7                      | 1,500.0                      | 4.7                     | 4.8                  | -90.25                       | -1.9                | -429.9              | 429.9                         | 420.6                          | 9.31                             | 46.189                   |                                    |
| 1,600.0                                                                                    | 1,600.0                      | 1,599.7                      | 1,600.0                      | 4.9                     | 4.9                  | 100.97                       | -1.9                | -429.9              | 430.2                         | 420.7                          | 9.56                             | 44.994                   |                                    |
| 1,700.0                                                                                    | 1,699.8                      | 1,699.5                      | 1,699.8                      | 5.2                     | 5.1                  | 101.63                       | -1.9                | -429.9              | 431.3                         | 421.4                          | 9.88                             | 43.652                   |                                    |
| 1,800.0                                                                                    | 1,799.5                      | 1,799.2                      | 1,799.5                      | 5.5                     | 5.2                  | 102.72                       | -1.9                | -429.9              | 433.1                         | 422.9                          | 10.19                            | 42.487                   |                                    |
| 1,900.0                                                                                    | 1,898.8                      | 1,898.5                      | 1,898.8                      | 5.6                     | 5.4                  | 104.14                       | -1.9                | -429.9              | 435.7                         | 425.3                          | 10.45                            | 41.713                   |                                    |
| 2,000.0                                                                                    | 1,998.2                      | 1,997.9                      | 1,998.2                      | 5.9                     | 5.5                  | 105.56                       | -1.9                | -429.9              | 438.6                         | 427.9                          | 10.76                            | 40.778                   |                                    |
| 2,100.0                                                                                    | 2,097.5                      | 2,110.4                      | 2,110.7                      | 6.1                     | 5.7                  | 106.98                       | -3.4                | -428.4              | 440.4                         | 429.2                          | 11.14                            | 39.531                   |                                    |
| 2,200.0                                                                                    | 2,196.9                      | 2,223.8                      | 2,223.8                      | 6.4                     | 5.9                  | 108.04                       | -8.1                | -423.7              | 439.2                         | 427.7                          | 11.50                            | 38.208                   |                                    |
| 2,300.0                                                                                    | 2,296.2                      | 2,326.7                      | 2,326.4                      | 6.7                     | 6.0                  | 108.78                       | -14.3               | -417.5              | 436.0                         | 424.2                          | 11.77                            | 37.032                   |                                    |
| 2,400.0                                                                                    | 2,395.6                      | 2,426.5                      | 2,425.8                      | 7.0                     | 6.2                  | 109.50                       | -20.5               | -411.3              | 432.7                         | 420.6                          | 12.12                            | 35.697                   |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,526.3                      | 2,525.3                      | 7.3                     | 6.4                  | 110.23                       | -26.6               | -405.2              | 429.5                         | 417.0                          | 12.49                            | 34.392                   |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,626.1                      | 2,624.7                      | 7.6                     | 6.6                  | 110.98                       | -32.8               | -399.0              | 426.4                         | 413.5                          | 12.87                            | 33.122                   |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,725.9                      | 2,724.1                      | 7.9                     | 6.9                  | 111.73                       | -38.9               | -392.9              | 423.3                         | 410.1                          | 13.28                            | 31.887                   |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,825.7                      | 2,823.5                      | 8.3                     | 7.1                  | 112.49                       | -45.1               | -386.7              | 420.4                         | 406.7                          | 13.70                            | 30.690                   |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,925.5                      | 2,922.9                      | 8.6                     | 7.4                  | 113.27                       | -51.2               | -380.6              | 417.5                         | 403.3                          | 14.14                            | 29.533                   |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 3,025.3                      | 3,022.3                      | 8.9                     | 7.6                  | 114.05                       | -57.4               | -374.4              | 414.6                         | 400.0                          | 14.59                            | 28.415                   |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,125.1                      | 3,121.8                      | 9.3                     | 7.9                  | 114.85                       | -63.5               | -368.3              | 411.9                         | 396.8                          | 15.07                            | 27.338                   |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,224.9                      | 3,221.2                      | 9.6                     | 8.2                  | 115.65                       | -69.7               | -362.1              | 409.2                         | 393.7                          | 15.56                            | 26.302                   |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,324.7                      | 3,320.6                      | 10.0                    | 8.5                  | 116.47                       | -75.8               | -356.0              | 406.6                         | 390.6                          | 16.07                            | 25.306                   |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,424.5                      | 3,420.0                      | 10.3                    | 8.8                  | 117.25                       | -82.0               | -349.8              | 404.0                         | 387.5                          | 16.54                            | 24.423                   |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,524.4                      | 3,519.5                      | 10.7                    | 9.1                  | 117.82                       | -88.1               | -343.7              | 400.7                         | 383.7                          | 17.06                            | 23.484                   |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,624.2                      | 3,619.0                      | 11.0                    | 9.4                  | 118.18                       | -94.3               | -337.5              | 396.7                         | 379.1                          | 17.57                            | 22.570                   |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,724.1                      | 3,718.5                      | 11.4                    | 9.8                  | 118.32                       | -100.5              | -331.3              | 391.8                         | 373.7                          | 18.07                            | 21.684                   |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,824.0                      | 3,817.9                      | 11.7                    | 10.1                 | 118.22                       | -106.6              | -325.2              | 386.1                         | 367.5                          | 18.54                            | 20.828                   |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,923.7                      | 3,917.3                      | 12.0                    | 10.4                 | 117.88                       | -112.8              | -319.0              | 379.6                         | 360.6                          | 18.97                            | 20.005                   |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 4,023.4                      | 4,016.6                      | 12.1                    | 10.8                 | -73.71                       | -118.9              | -312.9              | 372.2                         | 352.9                          | 19.32                            | 19.268                   |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 4,123.0                      | 4,115.9                      | 12.2                    | 11.1                 | -74.37                       | -125.0              | -306.8              | 364.6                         | 344.9                          | 19.71                            | 18.500                   |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,222.6                      | 4,215.1                      | 12.3                    | 11.4                 | -75.05                       | -131.2              | -300.6              | 357.0                         | 337.0                          | 20.01                            | 17.841                   |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,324.2                      | 4,316.3                      | 12.3                    | 11.8                 | -75.78                       | -137.4              | -294.3              | 349.5                         | 329.1                          | 20.33                            | 17.190                   |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,437.2                      | 4,428.6                      | 12.4                    | 12.2                 | -76.62                       | -145.0              | -284.6              | 339.5                         | 318.8                          | 20.71                            | 16.392                   |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,549.1                      | 4,539.3                      | 12.4                    | 12.7                 | -77.49                       | -153.3              | -270.6              | 325.7                         | 304.5                          | 21.12                            | 15.417                   |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,659.7                      | 4,648.1                      | 12.5                    | 13.1                 | -78.43                       | -162.4              | -252.7              | 308.1                         | 286.5                          | 21.54                            | 14.301                   |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,768.6                      | 4,754.3                      | 12.5                    | 13.6                 | -79.49                       | -172.1              | -231.0              | 286.8                         | 264.8                          | 21.95                            | 13.065                   |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,869.7                      | 4,852.3                      | 12.6                    | 14.0                 | -80.68                       | -181.8              | -207.9              | 262.6                         | 240.3                          | 22.34                            | 11.756                   |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,966.5                      | 4,946.0                      | 12.6                    | 14.5                 | -82.05                       | -191.0              | -185.6              | 238.3                         | 215.6                          | 22.70                            | 10.494                   |                                    |
| 5,000.0                                                                                    | 4,988.1                      | 5,063.3                      | 5,039.7                      | 12.7                    | 14.9                 | -83.73                       | -200.3              | -163.2              | 214.1                         | 191.0                          | 23.03                            | 9.296                    |                                    |
| 5,100.0                                                                                    | 5,088.1                      | 5,160.1                      | 5,133.5                      | 12.7                    | 15.3                 | -85.83                       | -209.6              | -140.8              | 190.1                         | 166.8                          | 23.29                            | 8.161                    |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

| Offset Design: KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #907H - OWB - PWP1 |                       |                                                                    |                       |                        |               |                       |              |              |                        |                         |                           |                   | Offset Site Error: | 3.0 usft |
|-------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|---------------------------|-------------------|--------------------|----------|
| Survey Program:                                                                     |                       | 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9958-r.5 MWD+IFR1+MS |                       |                        |               |                       |              |              | Rule Assigned:         |                         |                           |                   | Offset Well Error: | 3.0 usft |
| Reference                                                                           | Offset                | Semi Major Axis                                                    |                       | Offset Wellbore Centre |               | Distance              |              |              |                        | Warning                 |                           |                   |                    |          |
| Measured Depth (usft)                                                               | Vertical Depth (usft) | Measured Depth (usft)                                              | Vertical Depth (usft) | Reference (usft)       | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Minimum Separation (usft) | Separation Factor | Warning            |          |
| 5,200.0                                                                             | 5,188.1               | 5,256.9                                                            | 5,227.2               | 12.8                   | 15.7          | -88.53                | -218.9       | -118.4       | 166.4                  | 142.9                   | 23.47                     | 7.091             |                    |          |
| 5,300.0                                                                             | 5,288.1               | 5,353.8                                                            | 5,320.9               | 12.8                   | 16.1          | -92.11                | -228.1       | -96.0        | 143.2                  | 119.7                   | 23.51                     | 6.091             |                    |          |
| 5,400.0                                                                             | 5,388.1               | 5,450.6                                                            | 5,414.7               | 12.9                   | 16.5          | -97.02                | -237.4       | -73.6        | 120.8                  | 97.4                    | 23.35                     | 5.172             |                    |          |
| 5,500.0                                                                             | 5,488.1               | 5,547.4                                                            | 5,508.4               | 12.9                   | 16.9          | -104.06               | -246.7       | -51.2        | 99.5                   | 76.7                    | 22.88                     | 4.351             |                    |          |
| 5,600.0                                                                             | 5,588.1               | 5,644.2                                                            | 5,602.1               | 13.0                   | 17.4          | -114.55               | -256.0       | -28.8        | 80.5                   | 58.5                    | 22.04                     | 3.654             |                    |          |
| 5,700.0                                                                             | 5,688.1               | 5,741.0                                                            | 5,695.9               | 13.0                   | 17.8          | -130.33               | -265.2       | -6.4         | 65.7                   | 44.4                    | 21.31                     | 3.083             |                    |          |
| 5,800.0                                                                             | 5,788.1               | 5,837.8                                                            | 5,789.6               | 13.1                   | 18.2          | -152.04               | -274.5       | 16.0         | 58.3                   | 35.7                    | 22.60                     | 2.582             |                    |          |
| 5,822.9                                                                             | 5,811.0               | 5,860.0                                                            | 5,811.0               | 13.1                   | 18.3          | -157.50               | -276.6       | 21.1         | 58.1                   | 34.7                    | 23.34                     | 2.487 CC, ES      |                    |          |
| 5,900.0                                                                             | 5,888.1               | 5,934.6                                                            | 5,883.3               | 13.1                   | 18.7          | -175.35               | -283.8       | 38.4         | 61.2                   | 34.8                    | 26.41                     | 2.317 SF          |                    |          |
| 6,000.0                                                                             | 5,988.1               | 6,031.5                                                            | 5,977.0               | 13.2                   | 19.1          | 166.02                | -293.1       | 60.8         | 73.1                   | 43.3                    | 29.71                     | 2.459             |                    |          |
| 6,100.0                                                                             | 6,088.1               | 6,128.3                                                            | 6,070.8               | 13.2                   | 19.5          | 153.33                | -302.3       | 83.2         | 90.5                   | 58.8                    | 31.63                     | 2.860             |                    |          |
| 6,200.0                                                                             | 6,188.1               | 6,225.1                                                            | 6,164.5               | 13.3                   | 20.0          | 144.92                | -311.6       | 105.6        | 110.8                  | 78.1                    | 32.76                     | 3.383             |                    |          |
| 6,300.0                                                                             | 6,288.1               | 6,321.9                                                            | 6,258.2               | 13.3                   | 20.4          | 139.15                | -320.9       | 128.0        | 132.8                  | 99.3                    | 33.56                     | 3.957             |                    |          |
| 6,400.0                                                                             | 6,388.1               | 6,418.7                                                            | 6,352.0               | 13.4                   | 20.9          | 135.04                | -330.2       | 150.4        | 155.7                  | 121.5                   | 34.23                     | 4.550             |                    |          |
| 6,500.0                                                                             | 6,488.1               | 6,515.6                                                            | 6,445.8               | 13.5                   | 21.3          | 131.98                | -339.5       | 172.8        | 179.2                  | 144.4                   | 34.83                     | 5.145             |                    |          |
| 6,600.0                                                                             | 6,588.1               | 6,615.8                                                            | 6,543.0               | 13.5                   | 21.8          | 129.63                | -348.7       | 195.1        | 202.2                  | 166.7                   | 35.46                     | 5.701             |                    |          |
| 6,700.0                                                                             | 6,688.1               | 6,716.9                                                            | 6,641.5               | 13.6                   | 22.2          | 127.88                | -357.4       | 216.1        | 223.8                  | 187.7                   | 36.08                     | 6.203             |                    |          |
| 6,800.0                                                                             | 6,788.1               | 6,818.7                                                            | 6,741.2               | 13.6                   | 22.7          | 126.54                | -365.5       | 235.6        | 243.8                  | 207.2                   | 36.68                     | 6.648             |                    |          |
| 6,900.0                                                                             | 6,888.1               | 6,921.3                                                            | 6,841.9               | 13.7                   | 23.2          | 125.49                | -372.9       | 253.6        | 262.3                  | 225.0                   | 37.27                     | 7.037             |                    |          |
| 7,000.0                                                                             | 6,988.1               | 7,024.6                                                            | 6,943.6               | 13.7                   | 23.6          | 124.66                | -379.7       | 270.0        | 279.1                  | 241.2                   | 37.85                     | 7.373             |                    |          |
| 7,100.0                                                                             | 7,088.1               | 7,128.5                                                            | 7,046.3               | 13.8                   | 24.0          | 124.00                | -385.8       | 284.8        | 294.2                  | 255.8                   | 38.42                     | 7.657             |                    |          |
| 7,200.0                                                                             | 7,188.1               | 7,233.0                                                            | 7,149.8               | 13.8                   | 24.5          | 123.47                | -391.3       | 297.9        | 307.5                  | 268.6                   | 38.97                     | 7.892             |                    |          |
| 7,300.0                                                                             | 7,288.1               | 7,337.9                                                            | 7,254.0               | 13.9                   | 24.9          | 123.04                | -396.0       | 309.3        | 319.1                  | 279.6                   | 39.50                     | 8.080             |                    |          |
| 7,400.0                                                                             | 7,388.1               | 7,443.3                                                            | 7,358.8               | 14.0                   | 25.3          | 122.71                | -400.0       | 319.0        | 328.9                  | 288.9                   | 40.01                     | 8.223             |                    |          |
| 7,500.0                                                                             | 7,488.1               | 7,549.0                                                            | 7,464.2               | 14.0                   | 25.7          | 122.45                | -403.3       | 327.0        | 337.0                  | 296.5                   | 40.48                     | 8.323             |                    |          |
| 7,600.0                                                                             | 7,588.1               | 7,655.0                                                            | 7,570.0               | 14.1                   | 26.1          | 122.25                | -405.9       | 333.2        | 343.2                  | 302.2                   | 40.93                     | 8.384             |                    |          |
| 7,700.0                                                                             | 7,688.1               | 7,761.2                                                            | 7,676.1               | 14.1                   | 26.4          | 122.12                | -407.7       | 337.5        | 347.6                  | 306.2                   | 41.33                     | 8.409             |                    |          |
| 7,800.0                                                                             | 7,788.1               | 7,867.6                                                            | 7,782.4               | 14.2                   | 26.7          | 122.05                | -408.8       | 340.1        | 350.1                  | 308.4                   | 41.68                     | 8.401             |                    |          |
| 7,900.0                                                                             | 7,888.1               | 7,973.3                                                            | 7,888.1               | 14.3                   | 26.9          | 122.02                | -409.1       | 340.8        | 350.8                  | 309.0                   | 41.85                     | 8.384             |                    |          |
| 8,000.0                                                                             | 7,988.1               | 8,073.3                                                            | 7,988.1               | 14.3                   | 26.9          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.9                   | 41.91                     | 8.372             |                    |          |
| 8,100.0                                                                             | 8,088.1               | 8,173.3                                                            | 8,088.1               | 14.4                   | 26.9          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.9                   | 41.97                     | 8.359             |                    |          |
| 8,200.0                                                                             | 8,188.1               | 8,273.3                                                            | 8,188.1               | 14.4                   | 26.9          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.8                   | 42.04                     | 8.346             |                    |          |
| 8,300.0                                                                             | 8,288.1               | 8,373.3                                                            | 8,288.1               | 14.5                   | 27.0          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.7                   | 42.11                     | 8.332             |                    |          |
| 8,400.0                                                                             | 8,388.1               | 8,473.3                                                            | 8,388.1               | 14.6                   | 27.0          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.7                   | 42.17                     | 8.319             |                    |          |
| 8,500.0                                                                             | 8,488.1               | 8,573.3                                                            | 8,488.1               | 14.6                   | 27.0          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.6                   | 42.24                     | 8.305             |                    |          |
| 8,600.0                                                                             | 8,588.1               | 8,673.3                                                            | 8,588.1               | 14.7                   | 27.0          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.5                   | 42.31                     | 8.292             |                    |          |
| 8,700.0                                                                             | 8,688.1               | 8,773.3                                                            | 8,688.1               | 14.7                   | 27.0          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.5                   | 42.38                     | 8.278             |                    |          |
| 8,800.0                                                                             | 8,788.1               | 8,873.3                                                            | 8,788.1               | 14.8                   | 27.1          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.4                   | 42.45                     | 8.265             |                    |          |
| 8,900.0                                                                             | 8,888.1               | 8,973.3                                                            | 8,888.1               | 14.9                   | 27.1          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.3                   | 42.52                     | 8.251             |                    |          |
| 9,000.0                                                                             | 8,988.1               | 9,073.3                                                            | 8,988.1               | 14.9                   | 27.1          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.3                   | 42.59                     | 8.237             |                    |          |
| 9,100.0                                                                             | 9,088.1               | 9,173.3                                                            | 9,088.1               | 15.0                   | 27.1          | 122.02                | -409.1       | 340.8        | 350.8                  | 308.2                   | 42.66                     | 8.223             |                    |          |
| 9,104.4                                                                             | 9,092.6               | 9,177.8                                                            | 9,092.6               | 15.0                   | 27.1          | 122.15                | -409.1       | 340.8        | 350.9                  | 308.2                   | 42.67                     | 8.223             |                    |          |
| 9,200.0                                                                             | 9,188.0               | 9,273.2                                                            | 9,188.0               | 15.0                   | 27.2          | 122.39                | -409.1       | 340.8        | 352.4                  | 309.7                   | 42.73                     | 8.248             |                    |          |
| 9,300.0                                                                             | 9,285.6               | 9,370.7                                                            | 9,285.6               | 15.1                   | 27.2          | 123.98                | -409.1       | 340.8        | 364.3                  | 321.5                   | 42.81                     | 8.510             |                    |          |
| 9,400.0                                                                             | 9,376.5               | 9,461.7                                                            | 9,376.5               | 15.2                   | 27.2          | 126.21                | -409.1       | 340.8        | 389.5                  | 346.8                   | 42.78                     | 9.105             |                    |          |
| 9,500.0                                                                             | 9,456.9               | 9,542.1                                                            | 9,456.9               | 15.3                   | 27.2          | 127.75                | -409.1       | 340.8        | 430.1                  | 387.6                   | 42.52                     | 10.116            |                    |          |
| 9,600.0                                                                             | 9,523.3               | 9,608.5                                                            | 9,523.3               | 15.4                   | 27.2          | 127.13                | -409.1       | 340.8        | 486.8                  | 444.8                   | 42.01                     | 11.586            |                    |          |
| 9,700.0                                                                             | 9,572.8               | 9,657.9                                                            | 9,572.8               | 15.5                   | 27.3          | 122.57                | -409.1       | 340.8        | 558.0                  | 516.6                   | 41.37                     | 13.490            |                    |          |
| 9,800.0                                                                             | 9,603.1               | 9,688.3                                                            | 9,603.1               | 15.5                   | 27.3          | 111.15                | -409.1       | 340.8        | 640.5                  | 599.8                   | 40.69                     | 15.741            |                    |          |
| 9,900.0                                                                             | 9,613.0               | 9,698.2                                                            | 9,613.0               | 15.6                   | 27.3          | 90.56                 | -409.1       | 340.8        | 730.0                  | 689.9                   | 40.06                     | 18.223            |                    |          |
| 10,000.0                                                                            | 9,613.4               | 9,698.6                                                            | 9,613.4               | 15.6                   | 27.3          | 90.64                 | -409.1       | 340.8        | 822.3                  | 782.8                   | 39.51                     | 20.813            |                    |          |
| 10,100.0                                                                            | 9,613.8               | 11,130.4                                                           | 10,393.8              | 15.6                   | 28.1          | 159.14                | 450.7        | 339.2        | 834.7                  | 795.9                   | 38.79                     | 21.520            |                    |          |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #907H - OWB - PWP1 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9958-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  | <b>Warning</b>           |                                    |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>           | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                                    |
| 10,200.0                                                                                   | 9,614.3                      | 11,230.4                     | 10,394.7                     | 15.7                    | 28.2                 | 159.15                       | 550.7               | 339.0                         | 835.1                         | 795.9                          | 39.28                            | 21.263                   |                                    |
| 10,300.0                                                                                   | 9,614.7                      | 11,330.4                     | 10,395.6                     | 15.7                    | 28.4                 | 159.16                       | 650.7               | 338.8                         | 835.6                         | 795.8                          | 39.82                            | 20.985                   |                                    |
| 10,400.0                                                                                   | 9,615.2                      | 11,430.4                     | 10,396.5                     | 15.7                    | 28.5                 | 159.17                       | 750.7               | 338.6                         | 836.0                         | 795.6                          | 40.41                            | 20.687                   |                                    |
| 10,500.0                                                                                   | 9,615.6                      | 11,530.4                     | 10,397.4                     | 15.8                    | 28.7                 | 159.18                       | 850.7               | 338.4                         | 836.5                         | 795.4                          | 41.06                            | 20.373                   |                                    |
| 10,600.0                                                                                   | 9,616.0                      | 11,630.4                     | 10,398.3                     | 15.8                    | 28.9                 | 159.19                       | 950.7               | 338.2                         | 836.9                         | 795.1                          | 41.75                            | 20.046                   |                                    |
| 10,700.0                                                                                   | 9,616.5                      | 11,730.4                     | 10,399.2                     | 15.9                    | 29.2                 | 159.20                       | 1,050.7             | 338.0                         | 837.3                         | 794.8                          | 42.49                            | 19.708                   |                                    |
| 10,800.0                                                                                   | 9,616.9                      | 11,830.4                     | 10,400.1                     | 16.1                    | 29.4                 | 159.20                       | 1,150.7             | 337.8                         | 837.8                         | 794.5                          | 43.27                            | 19.363                   |                                    |
| 10,900.0                                                                                   | 9,617.3                      | 11,930.4                     | 10,400.9                     | 16.3                    | 29.6                 | 159.21                       | 1,250.7             | 337.7                         | 838.2                         | 794.1                          | 44.09                            | 19.012                   |                                    |
| 11,000.0                                                                                   | 9,617.8                      | 12,030.4                     | 10,401.8                     | 16.7                    | 29.9                 | 159.22                       | 1,350.6             | 337.5                         | 838.6                         | 793.7                          | 44.95                            | 18.658                   |                                    |
| 11,100.0                                                                                   | 9,618.2                      | 12,130.4                     | 10,402.7                     | 17.1                    | 30.2                 | 159.23                       | 1,450.6             | 337.3                         | 839.1                         | 793.2                          | 45.84                            | 18.304                   |                                    |
| 11,200.0                                                                                   | 9,618.6                      | 12,230.4                     | 10,403.6                     | 17.6                    | 30.5                 | 159.24                       | 1,550.6             | 337.1                         | 839.5                         | 792.7                          | 46.77                            | 17.949                   |                                    |
| 11,300.0                                                                                   | 9,619.1                      | 12,330.4                     | 10,404.5                     | 18.2                    | 30.8                 | 159.25                       | 1,650.6             | 336.9                         | 840.0                         | 792.2                          | 47.73                            | 17.597                   |                                    |
| 11,400.0                                                                                   | 9,619.5                      | 12,430.4                     | 10,405.4                     | 18.7                    | 31.1                 | 159.26                       | 1,750.6             | 336.7                         | 840.4                         | 791.7                          | 48.73                            | 17.248                   |                                    |
| 11,500.0                                                                                   | 9,619.9                      | 12,530.4                     | 10,406.3                     | 19.3                    | 31.5                 | 159.27                       | 1,850.6             | 336.5                         | 840.8                         | 791.1                          | 49.75                            | 16.903                   |                                    |
| 11,600.0                                                                                   | 9,620.4                      | 12,630.4                     | 10,407.2                     | 19.9                    | 31.8                 | 159.28                       | 1,950.6             | 336.3                         | 841.3                         | 790.5                          | 50.79                            | 16.563                   |                                    |
| 11,700.0                                                                                   | 9,620.8                      | 12,730.4                     | 10,408.1                     | 20.5                    | 32.2                 | 159.29                       | 2,050.6             | 336.1                         | 841.7                         | 789.8                          | 51.86                            | 16.229                   |                                    |
| 11,800.0                                                                                   | 9,621.2                      | 12,830.4                     | 10,409.0                     | 21.1                    | 32.6                 | 159.30                       | 2,150.6             | 335.9                         | 842.1                         | 789.2                          | 52.96                            | 15.902                   |                                    |
| 11,900.0                                                                                   | 9,621.7                      | 12,930.4                     | 10,409.9                     | 21.8                    | 32.9                 | 159.31                       | 2,250.6             | 335.8                         | 842.6                         | 788.5                          | 54.08                            | 15.581                   |                                    |
| 12,000.0                                                                                   | 9,622.1                      | 13,030.4                     | 10,410.8                     | 22.4                    | 33.3                 | 159.32                       | 2,350.6             | 335.6                         | 843.0                         | 787.8                          | 55.21                            | 15.268                   |                                    |
| 12,100.0                                                                                   | 9,622.5                      | 13,130.4                     | 10,411.7                     | 23.1                    | 33.8                 | 159.33                       | 2,450.6             | 335.4                         | 843.5                         | 787.1                          | 56.37                            | 14.962                   |                                    |
| 12,200.0                                                                                   | 9,623.0                      | 13,230.4                     | 10,412.6                     | 23.7                    | 34.2                 | 159.34                       | 2,550.6             | 335.2                         | 843.9                         | 786.4                          | 57.55                            | 14.664                   |                                    |
| 12,300.0                                                                                   | 9,623.4                      | 13,330.4                     | 10,413.4                     | 24.4                    | 34.6                 | 159.35                       | 2,650.6             | 335.0                         | 844.3                         | 785.6                          | 58.74                            | 14.374                   |                                    |
| 12,400.0                                                                                   | 9,623.8                      | 13,430.4                     | 10,414.3                     | 25.0                    | 35.1                 | 159.36                       | 2,750.6             | 334.8                         | 844.8                         | 784.8                          | 59.95                            | 14.092                   |                                    |
| 12,500.0                                                                                   | 9,624.3                      | 13,530.4                     | 10,415.2                     | 25.7                    | 35.5                 | 159.37                       | 2,850.6             | 334.6                         | 845.2                         | 784.0                          | 61.17                            | 13.817                   |                                    |
| 12,600.0                                                                                   | 9,624.7                      | 13,630.4                     | 10,416.1                     | 26.4                    | 36.0                 | 159.38                       | 2,950.6             | 334.4                         | 845.7                         | 783.2                          | 62.41                            | 13.550                   |                                    |
| 12,700.0                                                                                   | 9,625.1                      | 13,730.4                     | 10,417.0                     | 27.1                    | 36.5                 | 159.39                       | 3,050.6             | 334.2                         | 846.1                         | 782.4                          | 63.66                            | 13.290                   |                                    |
| 12,800.0                                                                                   | 9,625.6                      | 13,830.4                     | 10,417.9                     | 27.8                    | 37.0                 | 159.40                       | 3,150.6             | 334.0                         | 846.5                         | 781.6                          | 64.93                            | 13.038                   |                                    |
| 12,900.0                                                                                   | 9,626.0                      | 13,930.4                     | 10,418.8                     | 28.5                    | 37.5                 | 159.40                       | 3,250.5             | 333.9                         | 847.0                         | 780.8                          | 66.20                            | 12.793                   |                                    |
| 13,000.0                                                                                   | 9,626.4                      | 14,030.4                     | 10,419.7                     | 29.2                    | 38.0                 | 159.41                       | 3,350.5             | 333.7                         | 847.4                         | 779.9                          | 67.49                            | 12.556                   |                                    |
| 13,100.0                                                                                   | 9,626.9                      | 14,130.4                     | 10,420.6                     | 29.9                    | 38.5                 | 159.42                       | 3,450.5             | 333.5                         | 847.8                         | 779.1                          | 68.79                            | 12.325                   |                                    |
| 13,200.0                                                                                   | 9,627.3                      | 14,230.4                     | 10,421.5                     | 30.6                    | 39.1                 | 159.43                       | 3,550.5             | 333.3                         | 848.3                         | 778.2                          | 70.10                            | 12.102                   |                                    |
| 13,300.0                                                                                   | 9,627.7                      | 14,330.4                     | 10,422.4                     | 31.3                    | 39.6                 | 159.44                       | 3,650.5             | 333.1                         | 848.7                         | 777.3                          | 71.41                            | 11.885                   |                                    |
| 13,400.0                                                                                   | 9,628.2                      | 14,430.4                     | 10,423.3                     | 32.0                    | 40.2                 | 159.45                       | 3,750.5             | 332.9                         | 849.2                         | 776.4                          | 72.74                            | 11.674                   |                                    |
| 13,500.0                                                                                   | 9,628.6                      | 14,530.3                     | 10,424.2                     | 32.7                    | 40.7                 | 159.46                       | 3,850.5             | 332.7                         | 849.6                         | 775.5                          | 74.07                            | 11.470                   |                                    |
| 13,600.0                                                                                   | 9,629.0                      | 14,630.3                     | 10,425.1                     | 33.4                    | 41.3                 | 159.47                       | 3,950.5             | 332.5                         | 850.0                         | 774.6                          | 75.42                            | 11.271                   |                                    |
| 13,700.0                                                                                   | 9,629.5                      | 14,730.3                     | 10,426.0                     | 34.1                    | 41.8                 | 159.48                       | 4,050.5             | 332.3                         | 850.5                         | 773.7                          | 76.77                            | 11.079                   |                                    |
| 13,800.0                                                                                   | 9,629.9                      | 14,830.3                     | 10,426.8                     | 34.8                    | 42.4                 | 159.49                       | 4,150.5             | 332.1                         | 850.9                         | 772.8                          | 78.12                            | 10.892                   |                                    |
| 13,900.0                                                                                   | 9,630.3                      | 14,930.3                     | 10,427.7                     | 35.5                    | 43.0                 | 159.50                       | 4,250.5             | 332.0                         | 851.3                         | 771.9                          | 79.49                            | 10.710                   |                                    |
| 14,000.0                                                                                   | 9,630.8                      | 15,030.3                     | 10,428.6                     | 36.3                    | 43.6                 | 159.51                       | 4,350.5             | 331.8                         | 851.8                         | 770.9                          | 80.86                            | 10.534                   |                                    |
| 14,100.0                                                                                   | 9,631.2                      | 15,130.3                     | 10,429.5                     | 37.0                    | 44.2                 | 159.52                       | 4,450.5             | 331.6                         | 852.2                         | 770.0                          | 82.24                            | 10.363                   |                                    |
| 14,200.0                                                                                   | 9,631.6                      | 15,230.3                     | 10,430.4                     | 37.7                    | 44.8                 | 159.53                       | 4,550.5             | 331.4                         | 852.7                         | 769.0                          | 83.62                            | 10.197                   |                                    |
| 14,300.0                                                                                   | 9,632.1                      | 15,330.3                     | 10,431.3                     | 38.4                    | 45.4                 | 159.54                       | 4,650.5             | 331.2                         | 853.1                         | 768.1                          | 85.01                            | 10.036                   |                                    |
| 14,400.0                                                                                   | 9,632.5                      | 15,430.3                     | 10,432.2                     | 39.2                    | 46.0                 | 159.54                       | 4,750.5             | 331.0                         | 853.5                         | 767.1                          | 86.40                            | 9.879                    |                                    |
| 14,500.0                                                                                   | 9,632.9                      | 15,530.3                     | 10,433.1                     | 39.9                    | 46.6                 | 159.55                       | 4,850.5             | 330.8                         | 854.0                         | 766.2                          | 87.80                            | 9.727                    |                                    |
| 14,600.0                                                                                   | 9,633.4                      | 15,630.3                     | 10,434.0                     | 40.6                    | 47.2                 | 159.56                       | 4,950.5             | 330.6                         | 854.4                         | 765.2                          | 89.20                            | 9.579                    |                                    |
| 14,700.0                                                                                   | 9,633.8                      | 15,730.3                     | 10,434.9                     | 41.4                    | 47.9                 | 159.57                       | 5,050.5             | 330.4                         | 854.9                         | 764.2                          | 90.61                            | 9.435                    |                                    |
| 14,800.0                                                                                   | 9,634.3                      | 15,830.3                     | 10,435.8                     | 42.1                    | 48.5                 | 159.58                       | 5,150.4             | 330.2                         | 855.3                         | 763.3                          | 92.02                            | 9.295                    |                                    |
| 14,900.0                                                                                   | 9,634.7                      | 15,930.3                     | 10,436.7                     | 42.8                    | 49.1                 | 159.59                       | 5,250.4             | 330.1                         | 855.7                         | 762.3                          | 93.44                            | 9.158                    |                                    |
| 15,000.0                                                                                   | 9,635.1                      | 16,030.3                     | 10,437.6                     | 43.6                    | 49.8                 | 159.60                       | 5,350.4             | 329.9                         | 856.2                         | 761.3                          | 94.86                            | 9.026                    |                                    |
| 15,100.0                                                                                   | 9,635.6                      | 16,130.3                     | 10,438.5                     | 44.3                    | 50.4                 | 159.61                       | 5,450.4             | 329.7                         | 856.6                         | 760.3                          | 96.28                            | 8.897                    |                                    |
| 15,200.0                                                                                   | 9,636.0                      | 16,230.3                     | 10,439.4                     | 45.0                    | 51.0                 | 159.62                       | 5,550.4             | 329.5                         | 857.0                         | 759.3                          | 97.71                            | 8.771                    |                                    |
| 15,300.0                                                                                   | 9,636.4                      | 16,330.3                     | 10,440.2                     | 45.8                    | 51.7                 | 159.63                       | 5,650.4             | 329.3                         | 857.5                         | 758.3                          | 99.14                            | 8.649                    |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|-------------------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #907H - OWB - PWP1 |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9958-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                              |                     |                               |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Highside Toolface</b>     |                     | <b>Offset Wellbore Centre</b> |                               | <b>Distance</b>                |                                  | <b>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>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 15,400.0                                                                                   | 9,636.9                      | 16,430.3                     | 10,441.1                     | 46.5                    | 52.3                 | 159.64                       | 5,750.4             | 329.1                         | 857.9                         | 757.4                          | 100.58                           | 8.530                    |                                    |
| 15,500.0                                                                                   | 9,637.3                      | 16,530.3                     | 10,442.0                     | 47.2                    | 53.0                 | 159.65                       | 5,850.4             | 328.9                         | 858.4                         | 756.4                          | 102.01                           | 8.414                    |                                    |
| 15,600.0                                                                                   | 9,637.7                      | 16,630.3                     | 10,442.9                     | 48.0                    | 53.7                 | 159.66                       | 5,950.4             | 328.7                         | 858.8                         | 755.4                          | 103.45                           | 8.301                    |                                    |
| 15,700.0                                                                                   | 9,638.2                      | 16,730.3                     | 10,443.8                     | 48.7                    | 54.3                 | 159.66                       | 6,050.4             | 328.5                         | 859.2                         | 754.3                          | 104.90                           | 8.191                    |                                    |
| 15,800.0                                                                                   | 9,638.6                      | 16,830.3                     | 10,444.7                     | 49.5                    | 55.0                 | 159.67                       | 6,150.4             | 328.3                         | 859.7                         | 753.3                          | 106.34                           | 8.084                    |                                    |
| 15,900.0                                                                                   | 9,639.0                      | 16,930.3                     | 10,445.6                     | 50.2                    | 55.7                 | 159.68                       | 6,250.4             | 328.2                         | 860.1                         | 752.3                          | 107.79                           | 7.979                    |                                    |
| 16,000.0                                                                                   | 9,639.5                      | 17,030.3                     | 10,446.5                     | 50.9                    | 56.3                 | 159.69                       | 6,350.4             | 328.0                         | 860.6                         | 751.3                          | 109.24                           | 7.877                    |                                    |
| 16,100.0                                                                                   | 9,639.9                      | 17,130.3                     | 10,447.4                     | 51.7                    | 57.0                 | 159.70                       | 6,450.4             | 327.8                         | 861.0                         | 750.3                          | 110.70                           | 7.778                    |                                    |
| 16,200.0                                                                                   | 9,640.3                      | 17,230.3                     | 10,448.3                     | 52.4                    | 57.7                 | 159.71                       | 6,550.4             | 327.6                         | 861.4                         | 749.3                          | 112.15                           | 7.681                    |                                    |
| 16,300.0                                                                                   | 9,640.8                      | 17,330.3                     | 10,449.2                     | 53.2                    | 58.4                 | 159.72                       | 6,650.4             | 327.4                         | 861.9                         | 748.3                          | 113.61                           | 7.586                    |                                    |
| 16,400.0                                                                                   | 9,641.2                      | 17,430.3                     | 10,450.1                     | 53.9                    | 59.0                 | 159.73                       | 6,750.4             | 327.2                         | 862.3                         | 747.2                          | 115.07                           | 7.494                    |                                    |
| 16,500.0                                                                                   | 9,641.6                      | 17,530.3                     | 10,451.0                     | 54.7                    | 59.7                 | 159.74                       | 6,850.4             | 327.0                         | 862.8                         | 746.2                          | 116.54                           | 7.403                    |                                    |
| 16,600.0                                                                                   | 9,642.1                      | 17,630.3                     | 10,451.9                     | 55.4                    | 60.4                 | 159.75                       | 6,950.4             | 326.8                         | 863.2                         | 745.2                          | 118.00                           | 7.315                    |                                    |
| 16,700.0                                                                                   | 9,642.5                      | 17,730.3                     | 10,452.8                     | 56.2                    | 61.1                 | 159.76                       | 7,050.3             | 326.6                         | 863.6                         | 744.2                          | 119.47                           | 7.229                    |                                    |
| 16,800.0                                                                                   | 9,642.9                      | 17,830.3                     | 10,453.6                     | 56.9                    | 61.8                 | 159.76                       | 7,150.3             | 326.4                         | 864.1                         | 743.1                          | 120.94                           | 7.145                    |                                    |
| 16,900.0                                                                                   | 9,643.4                      | 17,930.3                     | 10,454.5                     | 57.6                    | 62.5                 | 159.77                       | 7,250.3             | 326.3                         | 864.5                         | 742.1                          | 122.41                           | 7.062                    |                                    |
| 17,000.0                                                                                   | 9,643.8                      | 18,030.3                     | 10,455.4                     | 58.4                    | 63.2                 | 159.78                       | 7,350.3             | 326.1                         | 864.9                         | 741.1                          | 123.88                           | 6.982                    |                                    |
| 17,100.0                                                                                   | 9,644.2                      | 18,130.3                     | 10,456.3                     | 59.1                    | 63.8                 | 159.79                       | 7,450.3             | 325.9                         | 865.4                         | 740.0                          | 125.36                           | 6.903                    |                                    |
| 17,200.0                                                                                   | 9,644.7                      | 18,230.3                     | 10,457.2                     | 59.9                    | 64.5                 | 159.80                       | 7,550.3             | 325.7                         | 865.8                         | 739.0                          | 126.83                           | 6.827                    |                                    |
| 17,300.0                                                                                   | 9,645.1                      | 18,330.3                     | 10,458.1                     | 60.6                    | 65.2                 | 159.81                       | 7,650.3             | 325.5                         | 866.3                         | 738.0                          | 128.31                           | 6.751                    |                                    |
| 17,400.0                                                                                   | 9,645.5                      | 18,430.3                     | 10,459.0                     | 61.4                    | 65.9                 | 159.82                       | 7,750.3             | 325.3                         | 866.7                         | 736.9                          | 129.79                           | 6.678                    |                                    |
| 17,500.0                                                                                   | 9,646.0                      | 18,530.3                     | 10,459.9                     | 62.1                    | 66.6                 | 159.83                       | 7,850.3             | 325.1                         | 867.1                         | 735.9                          | 131.27                           | 6.606                    |                                    |
| 17,600.0                                                                                   | 9,646.4                      | 18,630.3                     | 10,460.8                     | 62.9                    | 67.3                 | 159.84                       | 7,950.3             | 324.9                         | 867.6                         | 734.8                          | 132.75                           | 6.535                    |                                    |
| 17,700.0                                                                                   | 9,646.8                      | 18,730.3                     | 10,461.7                     | 63.6                    | 68.0                 | 159.85                       | 8,050.3             | 324.7                         | 868.0                         | 733.8                          | 134.24                           | 6.466                    |                                    |
| 17,800.0                                                                                   | 9,647.3                      | 18,830.3                     | 10,462.6                     | 64.4                    | 68.7                 | 159.85                       | 8,150.3             | 324.5                         | 868.5                         | 732.7                          | 135.72                           | 6.399                    |                                    |
| 17,900.0                                                                                   | 9,647.7                      | 18,930.3                     | 10,463.5                     | 65.1                    | 69.5                 | 159.86                       | 8,250.3             | 324.4                         | 868.9                         | 731.7                          | 137.21                           | 6.333                    |                                    |
| 18,000.0                                                                                   | 9,648.1                      | 19,030.3                     | 10,464.4                     | 65.9                    | 70.2                 | 159.87                       | 8,350.3             | 324.2                         | 869.3                         | 730.6                          | 138.69                           | 6.268                    |                                    |
| 18,100.0                                                                                   | 9,648.6                      | 19,130.3                     | 10,465.3                     | 66.6                    | 70.9                 | 159.88                       | 8,450.3             | 324.0                         | 869.8                         | 729.6                          | 140.18                           | 6.205                    |                                    |
| 18,200.0                                                                                   | 9,649.0                      | 19,230.3                     | 10,466.1                     | 67.4                    | 71.6                 | 159.89                       | 8,550.3             | 323.8                         | 870.2                         | 728.5                          | 141.67                           | 6.143                    |                                    |
| 18,300.0                                                                                   | 9,649.4                      | 19,330.3                     | 10,467.0                     | 68.1                    | 72.3                 | 159.90                       | 8,650.3             | 323.6                         | 870.7                         | 727.5                          | 143.16                           | 6.082                    |                                    |
| 18,400.0                                                                                   | 9,649.9                      | 19,430.3                     | 10,467.9                     | 68.9                    | 73.0                 | 159.91                       | 8,750.3             | 323.4                         | 871.1                         | 726.4                          | 144.65                           | 6.022                    |                                    |
| 18,500.0                                                                                   | 9,650.3                      | 19,530.3                     | 10,468.8                     | 69.6                    | 73.7                 | 159.92                       | 8,850.3             | 323.2                         | 871.5                         | 725.4                          | 146.15                           | 5.963                    |                                    |
| 18,600.0                                                                                   | 9,650.7                      | 19,630.3                     | 10,469.7                     | 70.4                    | 74.4                 | 159.93                       | 8,950.2             | 323.0                         | 872.0                         | 724.3                          | 147.64                           | 5.906                    |                                    |
| 18,700.0                                                                                   | 9,651.2                      | 19,730.3                     | 10,470.6                     | 71.2                    | 75.1                 | 159.94                       | 9,050.2             | 322.8                         | 872.4                         | 723.3                          | 149.14                           | 5.850                    |                                    |
| 18,800.0                                                                                   | 9,651.6                      | 19,830.3                     | 10,471.5                     | 71.9                    | 75.9                 | 159.94                       | 9,150.2             | 322.6                         | 872.9                         | 722.2                          | 150.63                           | 5.795                    |                                    |
| 18,900.0                                                                                   | 9,652.1                      | 19,930.3                     | 10,472.4                     | 72.7                    | 76.6                 | 159.95                       | 9,250.2             | 322.5                         | 873.3                         | 721.2                          | 152.13                           | 5.740                    |                                    |
| 19,000.0                                                                                   | 9,652.5                      | 20,030.3                     | 10,473.3                     | 73.4                    | 77.3                 | 159.96                       | 9,350.2             | 322.3                         | 873.7                         | 720.1                          | 153.63                           | 5.687                    |                                    |
| 19,100.0                                                                                   | 9,652.9                      | 20,130.3                     | 10,474.2                     | 74.2                    | 78.0                 | 159.97                       | 9,450.2             | 322.1                         | 874.2                         | 719.0                          | 155.13                           | 5.635                    |                                    |
| 19,200.0                                                                                   | 9,653.4                      | 20,230.3                     | 10,475.1                     | 74.9                    | 78.7                 | 159.98                       | 9,550.2             | 321.9                         | 874.6                         | 718.0                          | 156.63                           | 5.584                    |                                    |
| 19,300.0                                                                                   | 9,653.8                      | 20,330.3                     | 10,476.0                     | 75.7                    | 79.5                 | 159.99                       | 9,650.2             | 321.7                         | 875.1                         | 716.9                          | 158.13                           | 5.534                    |                                    |
| 19,400.0                                                                                   | 9,654.2                      | 20,430.3                     | 10,476.9                     | 76.4                    | 80.2                 | 160.00                       | 9,750.2             | 321.5                         | 875.5                         | 715.9                          | 159.63                           | 5.485                    |                                    |
| 19,500.0                                                                                   | 9,654.7                      | 20,530.3                     | 10,477.8                     | 77.2                    | 80.9                 | 160.01                       | 9,850.2             | 321.3                         | 875.9                         | 714.8                          | 161.13                           | 5.436                    |                                    |
| 19,600.0                                                                                   | 9,655.1                      | 20,630.3                     | 10,478.7                     | 77.9                    | 81.6                 | 160.01                       | 9,950.2             | 321.1                         | 876.4                         | 713.7                          | 162.63                           | 5.389                    |                                    |
| 19,700.0                                                                                   | 9,655.5                      | 20,730.3                     | 10,479.5                     | 78.7                    | 82.3                 | 160.02                       | 10,050.2            | 320.9                         | 876.8                         | 712.7                          | 164.14                           | 5.342                    |                                    |
| 19,800.0                                                                                   | 9,656.0                      | 20,830.3                     | 10,480.4                     | 79.4                    | 83.1                 | 160.03                       | 10,150.2            | 320.7                         | 877.3                         | 711.6                          | 165.64                           | 5.296                    |                                    |
| 19,900.0                                                                                   | 9,656.4                      | 20,930.3                     | 10,481.3                     | 80.2                    | 83.8                 | 160.04                       | 10,250.2            | 320.6                         | 877.7                         | 710.5                          | 167.15                           | 5.251                    |                                    |
| 20,000.0                                                                                   | 9,656.8                      | 21,030.3                     | 10,482.2                     | 81.0                    | 84.5                 | 160.05                       | 10,350.2            | 320.4                         | 878.1                         | 709.5                          | 168.65                           | 5.207                    |                                    |
| 20,100.0                                                                                   | 9,657.3                      | 21,130.3                     | 10,483.1                     | 81.7                    | 85.2                 | 160.06                       | 10,450.2            | 320.2                         | 878.6                         | 708.4                          | 170.16                           | 5.163                    |                                    |
| 20,200.0                                                                                   | 9,657.7                      | 21,230.3                     | 10,484.0                     | 82.5                    | 86.0                 | 160.07                       | 10,550.2            | 320.0                         | 879.0                         | 707.3                          | 171.66                           | 5.121                    |                                    |
| 20,300.0                                                                                   | 9,658.1                      | 21,330.3                     | 10,484.9                     | 83.2                    | 86.7                 | 160.08                       | 10,650.2            | 319.8                         | 879.4                         | 706.3                          | 173.17                           | 5.078                    |                                    |
| 20,400.0                                                                                   | 9,658.6                      | 21,430.3                     | 10,485.8                     | 84.0                    | 87.4                 | 160.08                       | 10,750.2            | 319.6                         | 879.9                         | 705.2                          | 174.68                           | 5.037                    |                                    |
| 20,500.0                                                                                   | 9,659.0                      | 21,530.3                     | 10,486.7                     | 84.7                    | 88.2                 | 160.09                       | 10,850.2            | 319.4                         | 880.3                         | 704.1                          | 176.19                           | 4.996                    |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|-------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #907H - OWB - PWP1 |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9958-r.5 MWD+IFR1+MS  |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>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>Minimum Separation (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 20,600.0                                                                                   | 9,659.4                      | 21,630.3                     | 10,487.6                     | 85.5                    | 88.9                 | 160.10                        | 10,950.1            | 319.2               | 880.8                         | 703.1                          | 177.70                           | 4.957                    |                                    |
| 20,700.0                                                                                   | 9,659.9                      | 21,730.3                     | 10,488.5                     | 86.2                    | 89.6                 | 160.11                        | 11,050.1            | 319.0               | 881.2                         | 702.0                          | 179.21                           | 4.917                    |                                    |
| 20,800.0                                                                                   | 9,660.3                      | 21,830.3                     | 10,489.4                     | 87.0                    | 90.4                 | 160.12                        | 11,150.1            | 318.8               | 881.6                         | 700.9                          | 180.72                           | 4.879                    |                                    |
| 20,900.0                                                                                   | 9,660.7                      | 21,930.3                     | 10,490.3                     | 87.8                    | 91.1                 | 160.13                        | 11,250.1            | 318.7               | 882.1                         | 699.9                          | 182.23                           | 4.840                    |                                    |
| 21,000.0                                                                                   | 9,661.2                      | 22,030.3                     | 10,491.2                     | 88.5                    | 91.8                 | 160.14                        | 11,350.1            | 318.5               | 882.5                         | 698.8                          | 183.74                           | 4.803                    |                                    |
| 21,100.0                                                                                   | 9,661.6                      | 22,130.3                     | 10,492.1                     | 89.3                    | 92.5                 | 160.15                        | 11,450.1            | 318.3               | 883.0                         | 697.7                          | 185.26                           | 4.766                    |                                    |
| 21,200.0                                                                                   | 9,662.0                      | 22,230.3                     | 10,492.9                     | 90.0                    | 93.3                 | 160.15                        | 11,550.1            | 318.1               | 883.4                         | 696.6                          | 186.77                           | 4.730                    |                                    |
| 21,300.0                                                                                   | 9,662.5                      | 22,330.3                     | 10,493.8                     | 90.8                    | 94.0                 | 160.16                        | 11,650.1            | 317.9               | 883.8                         | 695.6                          | 188.28                           | 4.694                    |                                    |
| 21,400.0                                                                                   | 9,662.9                      | 22,430.3                     | 10,494.7                     | 91.5                    | 94.7                 | 160.17                        | 11,750.1            | 317.7               | 884.3                         | 694.5                          | 189.79                           | 4.659                    |                                    |
| 21,500.0                                                                                   | 9,663.3                      | 22,530.3                     | 10,495.6                     | 92.3                    | 95.5                 | 160.18                        | 11,850.1            | 317.5               | 884.7                         | 693.4                          | 191.31                           | 4.625                    |                                    |
| 21,600.0                                                                                   | 9,663.8                      | 22,630.3                     | 10,496.5                     | 93.1                    | 96.2                 | 160.19                        | 11,950.1            | 317.3               | 885.2                         | 692.3                          | 192.82                           | 4.591                    |                                    |
| 21,700.0                                                                                   | 9,664.2                      | 22,730.3                     | 10,497.4                     | 93.8                    | 97.0                 | 160.20                        | 12,050.1            | 317.1               | 885.6                         | 691.3                          | 194.34                           | 4.557                    |                                    |
| 21,783.2                                                                                   | 9,664.6                      | 22,813.5                     | 10,498.2                     | 94.4                    | 97.6                 | 160.20                        | 12,133.3            | 317.0               | 886.0                         | 690.4                          | 195.56                           | 4.530                    |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                               |                         |                       |                              |                     |                     |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------|-----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #908H - OWB - PWP1 |                              |                              |                               |                         |                       |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10095-r.5 MWD+IFR1+MS |                              |                              |                               |                         |                       |                              |                     |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Offset Wellbore Centre</b> | <b>Distance</b>         | <b>Rule Assigned:</b> |                              |                     |                     | <b>Warning</b>                |                                |                                  |                          |                                    |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b>  | <b>Reference (usft)</b> | <b>Offset (usft)</b>  | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                                    |
| 0.0                                                                                        | 0.0                          | 0.0                          | 0.3                           | 3.0                     | 3.0                   | -90.26                       | -2.1                | -460.0              | 460.0                         |                                |                                  |                          |                                    |
| 100.0                                                                                      | 100.0                        | 99.7                         | 100.0                         | 3.0                     | 3.1                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 453.5                          | 6.53                             | 70.490                   |                                    |
| 200.0                                                                                      | 200.0                        | 199.7                        | 200.0                         | 3.2                     | 3.2                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 453.2                          | 6.77                             | 67.992                   |                                    |
| 300.0                                                                                      | 300.0                        | 299.7                        | 300.0                         | 3.3                     | 3.3                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 453.0                          | 7.00                             | 65.747                   |                                    |
| 400.0                                                                                      | 400.0                        | 399.7                        | 400.0                         | 3.4                     | 3.4                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 452.8                          | 7.22                             | 63.716                   |                                    |
| 500.0                                                                                      | 500.0                        | 499.7                        | 500.0                         | 3.5                     | 3.6                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 452.6                          | 7.44                             | 61.866                   |                                    |
| 600.0                                                                                      | 600.0                        | 599.7                        | 600.0                         | 3.7                     | 3.7                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 452.4                          | 7.64                             | 60.172                   |                                    |
| 700.0                                                                                      | 700.0                        | 699.7                        | 700.0                         | 3.8                     | 3.8                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 452.2                          | 7.85                             | 58.612                   |                                    |
| 800.0                                                                                      | 800.0                        | 799.7                        | 800.0                         | 3.9                     | 3.9                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 452.0                          | 8.05                             | 57.171                   |                                    |
| 900.0                                                                                      | 900.0                        | 899.7                        | 900.0                         | 4.0                     | 4.0                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 451.8                          | 8.24                             | 55.833                   |                                    |
| 1,000.0                                                                                    | 1,000.0                      | 999.7                        | 1,000.0                       | 4.2                     | 4.2                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 451.6                          | 8.43                             | 54.586                   |                                    |
| 1,100.0                                                                                    | 1,100.0                      | 1,099.7                      | 1,100.0                       | 4.3                     | 4.3                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 451.4                          | 8.61                             | 53.421                   |                                    |
| 1,200.0                                                                                    | 1,200.0                      | 1,199.7                      | 1,200.0                       | 4.4                     | 4.4                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 451.2                          | 8.79                             | 52.330                   |                                    |
| 1,300.0                                                                                    | 1,300.0                      | 1,299.7                      | 1,300.0                       | 4.5                     | 4.5                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 451.0                          | 8.97                             | 51.303                   |                                    |
| 1,400.0                                                                                    | 1,400.0                      | 1,399.7                      | 1,400.0                       | 4.6                     | 4.6                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 450.9                          | 9.14                             | 50.336                   |                                    |
| 1,500.0                                                                                    | 1,500.0                      | 1,499.7                      | 1,500.0                       | 4.7                     | 4.8                   | -90.26                       | -2.1                | -460.0              | 460.0                         | 450.7                          | 9.31                             | 49.423                   |                                    |
| 1,600.0                                                                                    | 1,600.0                      | 1,599.7                      | 1,600.0                       | 4.9                     | 4.9                   | 100.95                       | -2.1                | -460.0              | 460.3                         | 450.8                          | 9.56                             | 48.142                   |                                    |
| 1,700.0                                                                                    | 1,699.8                      | 1,699.5                      | 1,699.8                       | 5.2                     | 5.1                   | 101.56                       | -2.1                | -460.0              | 461.4                         | 451.5                          | 9.88                             | 46.699                   |                                    |
| 1,800.0                                                                                    | 1,799.5                      | 1,799.2                      | 1,799.5                       | 5.5                     | 5.2                   | 102.58                       | -2.1                | -460.0              | 463.2                         | 453.0                          | 10.19                            | 45.440                   |                                    |
| 1,900.0                                                                                    | 1,898.8                      | 1,898.5                      | 1,898.8                       | 5.6                     | 5.4                   | 103.91                       | -2.1                | -460.0              | 465.8                         | 455.3                          | 10.44                            | 44.594                   |                                    |
| 2,000.0                                                                                    | 1,998.2                      | 1,997.9                      | 1,998.2                       | 5.9                     | 5.5                   | 105.24                       | -2.1                | -460.0              | 468.6                         | 457.9                          | 10.75                            | 43.575                   |                                    |
| 2,100.0                                                                                    | 2,097.5                      | 2,097.2                      | 2,097.5                       | 6.1                     | 5.6                   | 106.56                       | -2.1                | -460.0              | 471.8                         | 460.7                          | 11.07                            | 42.632                   |                                    |
| 2,200.0                                                                                    | 2,196.9                      | 2,196.6                      | 2,196.9                       | 6.4                     | 5.8                   | 107.86                       | -2.1                | -460.0              | 475.1                         | 463.7                          | 11.38                            | 41.756                   |                                    |
| 2,300.0                                                                                    | 2,296.2                      | 2,295.9                      | 2,296.2                       | 6.7                     | 5.9                   | 109.14                       | -2.1                | -460.0              | 478.7                         | 467.0                          | 11.69                            | 40.936                   |                                    |
| 2,400.0                                                                                    | 2,395.6                      | 2,395.3                      | 2,395.6                       | 7.0                     | 6.0                   | 110.41                       | -2.1                | -460.0              | 482.6                         | 470.6                          | 12.02                            | 40.166                   |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,494.7                      | 2,495.0                       | 7.3                     | 6.2                   | 111.65                       | -2.1                | -460.0              | 486.7                         | 474.3                          | 12.34                            | 39.438                   |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,602.0                      | 2,602.3                       | 7.6                     | 6.4                   | 112.78                       | -3.9                | -459.5              | 490.2                         | 477.5                          | 12.68                            | 38.646                   |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,710.5                      | 2,710.6                       | 7.9                     | 6.6                   | 113.49                       | -9.5                | -457.9              | 492.2                         | 479.1                          | 13.01                            | 37.832                   |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,813.6                      | 2,813.3                       | 8.3                     | 6.7                   | 113.84                       | -18.0               | -455.6              | 492.7                         | 479.5                          | 13.26                            | 37.156                   |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,913.6                      | 2,912.9                       | 8.6                     | 6.8                   | 114.15                       | -26.4               | -453.3              | 493.2                         | 479.6                          | 13.58                            | 36.322                   |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 3,013.5                      | 3,012.5                       | 8.9                     | 7.0                   | 114.46                       | -34.8               | -451.0              | 493.7                         | 479.8                          | 13.90                            | 35.507                   |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,113.5                      | 3,112.1                       | 9.3                     | 7.2                   | 114.77                       | -43.2               | -448.7              | 494.2                         | 479.9                          | 14.24                            | 34.710                   |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,213.5                      | 3,211.7                       | 9.6                     | 7.4                   | 115.08                       | -51.6               | -446.4              | 494.7                         | 480.1                          | 14.58                            | 33.930                   |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,313.4                      | 3,311.3                       | 10.0                    | 7.6                   | 115.39                       | -60.0               | -444.1              | 495.2                         | 480.3                          | 14.93                            | 33.169                   |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,413.4                      | 3,410.8                       | 10.3                    | 7.9                   | 115.67                       | -68.4               | -441.8              | 495.6                         | 480.4                          | 15.23                            | 32.544                   |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,513.4                      | 3,510.5                       | 10.7                    | 8.1                   | 115.79                       | -76.8               | -439.4              | 495.3                         | 479.8                          | 15.58                            | 31.799                   |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,613.4                      | 3,610.1                       | 11.0                    | 8.4                   | 115.71                       | -85.2               | -437.1              | 494.3                         | 478.4                          | 15.91                            | 31.069                   |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,713.3                      | 3,709.6                       | 11.4                    | 8.6                   | 115.45                       | -93.6               | -434.8              | 492.6                         | 476.3                          | 16.22                            | 30.360                   |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,813.2                      | 3,809.2                       | 11.7                    | 8.9                   | 114.99                       | -101.9              | -432.5              | 490.1                         | 473.5                          | 16.51                            | 29.677                   |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,913.0                      | 3,908.6                       | 12.0                    | 9.2                   | 114.34                       | -110.3              | -430.2              | 486.9                         | 470.1                          | 16.77                            | 29.029                   |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 4,012.7                      | 4,007.9                       | 12.1                    | 9.5                   | -77.52                       | -118.7              | -427.9              | 483.0                         | 466.1                          | 16.94                            | 28.510                   |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 4,112.3                      | 4,107.1                       | 12.2                    | 9.8                   | -78.44                       | -127.1              | -425.6              | 479.0                         | 461.8                          | 17.18                            | 27.890                   |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,212.0                      | 4,206.4                       | 12.3                    | 10.1                  | -79.37                       | -135.5              | -423.3              | 475.1                         | 457.8                          | 17.31                            | 27.455                   |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,311.6                      | 4,305.6                       | 12.3                    | 10.4                  | -80.32                       | -143.8              | -421.0              | 471.3                         | 453.9                          | 17.43                            | 27.036                   |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,411.2                      | 4,404.9                       | 12.4                    | 10.7                  | -81.29                       | -152.2              | -418.7              | 467.7                         | 450.1                          | 17.56                            | 26.632                   |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,510.8                      | 4,504.1                       | 12.4                    | 11.1                  | -82.26                       | -160.6              | -416.4              | 464.2                         | 446.5                          | 17.69                            | 26.244                   |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,610.4                      | 4,603.3                       | 12.5                    | 11.4                  | -83.26                       | -168.9              | -414.0              | 460.8                         | 443.0                          | 17.81                            | 25.872                   |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,710.1                      | 4,702.6                       | 12.5                    | 11.7                  | -84.26                       | -177.3              | -411.7              | 457.6                         | 439.7                          | 17.93                            | 25.515                   |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,809.7                      | 4,801.8                       | 12.6                    | 12.0                  | -85.29                       | -185.7              | -409.4              | 454.5                         | 436.5                          | 18.06                            | 25.173                   |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,909.3                      | 4,901.1                       | 12.6                    | 12.4                  | -86.32                       | -194.0              | -407.1              | 451.6                         | 433.4                          | 18.18                            | 24.844                   |                                    |
| 5,000.0                                                                                    | 4,988.1                      | 5,008.9                      | 5,000.3                       | 12.7                    | 12.7                  | -87.37                       | -202.4              | -404.8              | 448.8                         | 430.5                          | 18.31                            | 24.516                   |                                    |
| 5,100.0                                                                                    | 5,088.1                      | 5,113.2                      | 5,104.0                       | 12.7                    | 13.1                  | -88.71                       | -213.0              | -401.9              | 445.7                         | 427.2                          | 18.41                            | 24.210                   |                                    |

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



## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                          |                |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|-------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|--------------------------|----------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #908H - OWB - PWP1 |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                          |                | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10095-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                          |                | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>     |                               | <b>Minimum Separation</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>Separation Factor</b> |                |                                    |
| 5,200.0                                                                                    | 5,188.1                      | 5,215.3                      | 5,205.1                      | 12.8                    | 13.5                 | -90.48                        | -226.7              | -398.1              | 441.8                         | 423.4                          | 18.47                    | 23.923         |                                    |
| 5,300.0                                                                                    | 5,288.1                      | 5,314.2                      | 5,302.9                      | 12.8                    | 13.9                 | -92.33                        | -240.8              | -394.2              | 438.2                         | 419.6                          | 18.56                    | 23.605         |                                    |
| 5,400.0                                                                                    | 5,388.1                      | 5,413.1                      | 5,400.8                      | 12.9                    | 14.3                 | -94.21                        | -254.9              | -390.4              | 435.1                         | 416.4                          | 18.65                    | 23.329         |                                    |
| 5,500.0                                                                                    | 5,488.1                      | 5,512.0                      | 5,498.6                      | 12.9                    | 14.7                 | -96.11                        | -269.0              | -386.5              | 432.4                         | 413.7                          | 18.75                    | 23.066         |                                    |
| 5,600.0                                                                                    | 5,588.1                      | 5,610.9                      | 5,596.4                      | 13.0                    | 15.0                 | -98.03                        | -283.1              | -382.6              | 430.2                         | 411.4                          | 18.86                    | 22.811         |                                    |
| 5,700.0                                                                                    | 5,688.1                      | 5,709.8                      | 5,694.2                      | 13.0                    | 15.4                 | -99.97                        | -297.2              | -378.7              | 428.6                         | 409.6                          | 18.99                    | 22.563         |                                    |
| 5,800.0                                                                                    | 5,788.1                      | 5,808.7                      | 5,792.0                      | 13.1                    | 15.8                 | -101.92                       | -311.3              | -374.8              | 427.4                         | 408.3                          | 19.15                    | 22.317         |                                    |
| 5,900.0                                                                                    | 5,888.1                      | 5,907.6                      | 5,889.8                      | 13.1                    | 16.2                 | -103.88                       | -325.4              | -371.0              | 426.8                         | 407.4                          | 19.34                    | 22.070         |                                    |
| 5,977.5                                                                                    | 5,965.6                      | 5,984.3                      | 5,965.6                      | 13.2                    | 16.5                 | -105.40                       | -336.3              | -367.9              | 426.6                         | 407.1                          | 19.50                    | 21.877 CC      |                                    |
| 6,000.0                                                                                    | 5,988.1                      | 6,006.5                      | 5,987.7                      | 13.2                    | 16.6                 | -105.84                       | -339.5              | -367.1              | 426.6                         | 407.1                          | 19.55                    | 21.825 ES      |                                    |
| 6,100.0                                                                                    | 6,088.1                      | 6,105.7                      | 6,085.8                      | 13.2                    | 17.0                 | -107.75                       | -353.2              | -363.3              | 427.0                         | 407.2                          | 19.76                    | 21.611         |                                    |
| 6,200.0                                                                                    | 6,188.1                      | 6,205.3                      | 6,184.6                      | 13.3                    | 17.4                 | -109.44                       | -365.3              | -359.9              | 427.7                         | 407.7                          | 20.02                    | 21.361         |                                    |
| 6,300.0                                                                                    | 6,288.1                      | 6,305.3                      | 6,284.0                      | 13.3                    | 17.8                 | -110.90                       | -375.9              | -357.0              | 428.6                         | 408.3                          | 20.30                    | 21.118         |                                    |
| 6,400.0                                                                                    | 6,388.1                      | 6,405.7                      | 6,383.9                      | 13.4                    | 18.1                 | -112.12                       | -384.8              | -354.6              | 429.6                         | 409.0                          | 20.57                    | 20.884         |                                    |
| 6,500.0                                                                                    | 6,488.1                      | 6,506.4                      | 6,484.3                      | 13.5                    | 18.5                 | -113.12                       | -392.0              | -352.6              | 430.5                         | 409.7                          | 20.84                    | 20.662         |                                    |
| 6,600.0                                                                                    | 6,588.1                      | 6,607.3                      | 6,585.1                      | 13.5                    | 18.8                 | -113.87                       | -397.6              | -351.1              | 431.3                         | 410.2                          | 21.09                    | 20.454         |                                    |
| 6,700.0                                                                                    | 6,688.1                      | 6,708.4                      | 6,686.1                      | 13.6                    | 19.2                 | -114.39                       | -401.4              | -350.0              | 431.9                         | 410.6                          | 21.32                    | 20.261         |                                    |
| 6,800.0                                                                                    | 6,788.1                      | 6,809.5                      | 6,787.2                      | 13.6                    | 19.4                 | -114.68                       | -403.5              | -349.4              | 432.3                         | 410.8                          | 21.52                    | 20.089         |                                    |
| 6,900.0                                                                                    | 6,888.1                      | 6,910.4                      | 6,888.1                      | 13.7                    | 19.5                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.7                          | 21.64                    | 19.978         |                                    |
| 7,000.0                                                                                    | 6,988.1                      | 7,010.4                      | 6,988.1                      | 13.7                    | 19.6                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.6                          | 21.77                    | 19.856         |                                    |
| 7,100.0                                                                                    | 7,088.1                      | 7,110.4                      | 7,088.1                      | 13.8                    | 19.6                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.5                          | 21.89                    | 19.751         |                                    |
| 7,200.0                                                                                    | 7,188.1                      | 7,210.4                      | 7,188.1                      | 13.8                    | 19.6                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.3                          | 22.01                    | 19.647         |                                    |
| 7,300.0                                                                                    | 7,288.1                      | 7,310.4                      | 7,288.1                      | 13.9                    | 19.6                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.2                          | 22.12                    | 19.543         |                                    |
| 7,400.0                                                                                    | 7,388.1                      | 7,410.4                      | 7,388.1                      | 14.0                    | 19.7                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.1                          | 22.24                    | 19.440         |                                    |
| 7,500.0                                                                                    | 7,488.1                      | 7,510.4                      | 7,488.1                      | 14.0                    | 19.7                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 410.0                          | 22.36                    | 19.337         |                                    |
| 7,600.0                                                                                    | 7,588.1                      | 7,610.4                      | 7,588.1                      | 14.1                    | 19.7                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.9                          | 22.48                    | 19.235         |                                    |
| 7,700.0                                                                                    | 7,688.1                      | 7,710.4                      | 7,688.1                      | 14.1                    | 19.8                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.8                          | 22.60                    | 19.134         |                                    |
| 7,800.0                                                                                    | 7,788.1                      | 7,810.4                      | 7,788.1                      | 14.2                    | 19.8                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.6                          | 22.72                    | 19.033         |                                    |
| 7,900.0                                                                                    | 7,888.1                      | 7,910.4                      | 7,888.1                      | 14.3                    | 19.8                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.5                          | 22.84                    | 18.933         |                                    |
| 8,000.0                                                                                    | 7,988.1                      | 8,010.4                      | 7,988.1                      | 14.3                    | 19.8                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.4                          | 22.96                    | 18.833         |                                    |
| 8,100.0                                                                                    | 8,088.1                      | 8,110.4                      | 8,088.1                      | 14.4                    | 19.9                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.3                          | 23.08                    | 18.734         |                                    |
| 8,200.0                                                                                    | 8,188.1                      | 8,210.4                      | 8,188.1                      | 14.4                    | 19.9                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.2                          | 23.20                    | 18.636         |                                    |
| 8,300.0                                                                                    | 8,288.1                      | 8,310.4                      | 8,288.1                      | 14.5                    | 19.9                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 409.0                          | 23.32                    | 18.538         |                                    |
| 8,400.0                                                                                    | 8,388.1                      | 8,410.4                      | 8,388.1                      | 14.6                    | 20.0                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.9                          | 23.44                    | 18.441         |                                    |
| 8,500.0                                                                                    | 8,488.1                      | 8,510.4                      | 8,488.1                      | 14.6                    | 20.0                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.8                          | 23.57                    | 18.345         |                                    |
| 8,600.0                                                                                    | 8,588.1                      | 8,610.4                      | 8,588.1                      | 14.7                    | 20.0                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.7                          | 23.69                    | 18.249         |                                    |
| 8,700.0                                                                                    | 8,688.1                      | 8,710.4                      | 8,688.1                      | 14.7                    | 20.1                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.5                          | 23.82                    | 18.154         |                                    |
| 8,800.0                                                                                    | 8,788.1                      | 8,810.4                      | 8,788.1                      | 14.8                    | 20.1                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.4                          | 23.94                    | 18.060         |                                    |
| 8,900.0                                                                                    | 8,888.1                      | 8,910.4                      | 8,888.1                      | 14.9                    | 20.1                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.3                          | 24.07                    | 17.966         |                                    |
| 9,000.0                                                                                    | 8,988.1                      | 9,010.4                      | 8,988.1                      | 14.9                    | 20.2                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.2                          | 24.19                    | 17.873         |                                    |
| 9,100.0                                                                                    | 9,088.1                      | 9,110.4                      | 9,088.1                      | 15.0                    | 20.2                 | -114.75                       | -404.0              | -349.3              | 432.4                         | 408.0                          | 24.32                    | 17.780         |                                    |
| 9,104.4                                                                                    | 9,092.6                      | 9,114.9                      | 9,092.6                      | 15.0                    | 20.2                 | -114.62                       | -404.0              | -349.3              | 432.4                         | 408.0                          | 24.32                    | 17.777         |                                    |
| 9,200.0                                                                                    | 9,188.0                      | 9,210.3                      | 9,188.0                      | 15.0                    | 20.2                 | -114.84                       | -404.0              | -349.3              | 433.6                         | 409.1                          | 24.44                    | 17.743         |                                    |
| 9,300.0                                                                                    | 9,285.6                      | 9,307.9                      | 9,285.6                      | 15.1                    | 20.3                 | -116.27                       | -404.0              | -349.3              | 443.0                         | 418.2                          | 24.76                    | 17.888         |                                    |
| 9,400.0                                                                                    | 9,376.5                      | 9,398.8                      | 9,376.5                      | 15.2                    | 20.3                 | -118.33                       | -404.0              | -349.3              | 463.4                         | 438.0                          | 25.42                    | 18.229         |                                    |
| 9,500.0                                                                                    | 9,456.9                      | 9,479.2                      | 9,456.9                      | 15.3                    | 20.3                 | -119.81                       | -404.0              | -349.3              | 497.2                         | 470.8                          | 26.43                    | 18.810         |                                    |
| 9,600.0                                                                                    | 9,523.3                      | 9,545.6                      | 9,523.3                      | 15.4                    | 20.3                 | -119.36                       | -404.0              | -349.3              | 546.1                         | 518.4                          | 27.69                    | 19.718         |                                    |
| 9,700.0                                                                                    | 9,572.8                      | 9,595.1                      | 9,572.8                      | 15.5                    | 20.4                 | -115.46                       | -404.0              | -349.3              | 609.5                         | 580.5                          | 28.99                    | 21.024         |                                    |
| 9,800.0                                                                                    | 9,603.1                      | 9,625.4                      | 9,603.1                      | 15.5                    | 20.4                 | -106.12                       | -404.0              | -349.3              | 684.9                         | 654.8                          | 30.15                    | 22.721         |                                    |
| 9,900.0                                                                                    | 9,613.0                      | 9,635.3                      | 9,613.0                      | 15.6                    | 20.4                 | -90.42                        | -404.0              | -349.3              | 768.4                         | 737.3                          | 31.07                    | 24.727         |                                    |
| 10,000.0                                                                                   | 9,613.4                      | 10,941.3                     | 10,371.3                     | 15.6                    | 21.3                 | -152.60                       | 350.7               | -350.7              | 853.7                         | 817.1                          | 36.66                    | 23.290         |                                    |
| 10,100.0                                                                                   | 9,613.8                      | 11,041.3                     | 10,372.1                     | 15.6                    | 21.3                 | -152.61                       | 450.7               | -350.9              | 854.0                         | 816.9                          | 37.09                    | 23.023         |                                    |

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

# ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                           |          |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|-------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #908H - OWB - PWP1 |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10095-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>     |                               | <b>Rule Assigned:</b>          |                                  | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b>  | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 10,200.0                                                                                   | 9,614.3                      | 11,141.3                     | 10,372.8                     | 15.7                    | 21.4                 | -152.62                       | 550.7               | -351.1              | 854.2                         | 816.7                          | 37.59                            | 22.726                    |          |
| 10,300.0                                                                                   | 9,614.7                      | 11,241.3                     | 10,373.6                     | 15.7                    | 21.4                 | -152.64                       | 650.7               | -351.3              | 854.5                         | 816.4                          | 38.14                            | 22.403                    |          |
| 10,400.0                                                                                   | 9,615.2                      | 11,341.3                     | 10,374.3                     | 15.7                    | 21.5                 | -152.65                       | 750.7               | -351.5              | 854.8                         | 816.0                          | 38.75                            | 22.059                    |          |
| 10,500.0                                                                                   | 9,615.6                      | 11,441.3                     | 10,375.1                     | 15.8                    | 21.5                 | -152.66                       | 850.7               | -351.7              | 855.0                         | 815.6                          | 39.41                            | 21.697                    |          |
| 10,600.0                                                                                   | 9,616.0                      | 11,541.3                     | 10,375.8                     | 15.8                    | 21.6                 | -152.67                       | 950.7               | -351.9              | 855.3                         | 815.2                          | 40.12                            | 21.320                    |          |
| 10,700.0                                                                                   | 9,616.5                      | 11,641.3                     | 10,376.6                     | 15.9                    | 21.7                 | -152.68                       | 1,050.7             | -352.1              | 855.6                         | 814.7                          | 40.87                            | 20.933                    |          |
| 10,800.0                                                                                   | 9,616.9                      | 11,741.3                     | 10,377.3                     | 16.1                    | 21.8                 | -152.69                       | 1,150.7             | -352.2              | 855.8                         | 814.2                          | 41.67                            | 20.539                    |          |
| 10,900.0                                                                                   | 9,617.3                      | 11,841.3                     | 10,378.1                     | 16.3                    | 21.8                 | -152.70                       | 1,250.7             | -352.4              | 856.1                         | 813.6                          | 42.51                            | 20.139                    |          |
| 11,000.0                                                                                   | 9,617.8                      | 11,941.3                     | 10,378.8                     | 16.7                    | 21.9                 | -152.71                       | 1,350.7             | -352.6              | 856.4                         | 813.0                          | 43.39                            | 19.737                    |          |
| 11,100.0                                                                                   | 9,618.2                      | 12,041.3                     | 10,379.6                     | 17.1                    | 22.1                 | -152.72                       | 1,450.7             | -352.8              | 856.6                         | 812.3                          | 44.30                            | 19.336                    |          |
| 11,200.0                                                                                   | 9,618.6                      | 12,141.3                     | 10,380.3                     | 17.6                    | 22.2                 | -152.73                       | 1,550.7             | -353.0              | 856.9                         | 811.7                          | 45.25                            | 18.936                    |          |
| 11,300.0                                                                                   | 9,619.1                      | 12,241.3                     | 10,381.0                     | 18.2                    | 22.3                 | -152.75                       | 1,650.7             | -353.2              | 857.2                         | 810.9                          | 46.24                            | 18.539                    |          |
| 11,400.0                                                                                   | 9,619.5                      | 12,341.3                     | 10,381.8                     | 18.7                    | 22.5                 | -152.76                       | 1,750.6             | -353.4              | 857.4                         | 810.2                          | 47.25                            | 18.148                    |          |
| 11,500.0                                                                                   | 9,619.9                      | 12,441.3                     | 10,382.5                     | 19.3                    | 22.7                 | -152.77                       | 1,850.6             | -353.6              | 857.7                         | 809.4                          | 48.29                            | 17.762                    |          |
| 11,600.0                                                                                   | 9,620.4                      | 12,541.3                     | 10,383.3                     | 19.9                    | 22.9                 | -152.78                       | 1,950.6             | -353.8              | 858.0                         | 808.6                          | 49.35                            | 17.384                    |          |
| 11,700.0                                                                                   | 9,620.8                      | 12,641.3                     | 10,384.0                     | 20.5                    | 23.2                 | -152.79                       | 2,050.6             | -354.0              | 858.2                         | 807.8                          | 50.45                            | 17.013                    |          |
| 11,800.0                                                                                   | 9,621.2                      | 12,741.3                     | 10,384.8                     | 21.1                    | 23.6                 | -152.80                       | 2,150.6             | -354.1              | 858.5                         | 806.9                          | 51.56                            | 16.650                    |          |
| 11,900.0                                                                                   | 9,621.7                      | 12,841.3                     | 10,385.5                     | 21.8                    | 23.9                 | -152.81                       | 2,250.6             | -354.3              | 858.8                         | 806.1                          | 52.70                            | 16.296                    |          |
| 12,000.0                                                                                   | 9,622.1                      | 12,941.3                     | 10,386.3                     | 22.4                    | 24.4                 | -152.82                       | 2,350.6             | -354.5              | 859.0                         | 805.2                          | 53.85                            | 15.951                    |          |
| 12,100.0                                                                                   | 9,622.5                      | 13,041.3                     | 10,387.0                     | 23.1                    | 24.9                 | -152.83                       | 2,450.6             | -354.7              | 859.3                         | 804.3                          | 55.03                            | 15.615                    |          |
| 12,200.0                                                                                   | 9,623.0                      | 13,141.3                     | 10,387.8                     | 23.7                    | 25.4                 | -152.84                       | 2,550.6             | -354.9              | 859.6                         | 803.3                          | 56.22                            | 15.288                    |          |
| 12,300.0                                                                                   | 9,623.4                      | 13,241.3                     | 10,388.5                     | 24.4                    | 25.9                 | -152.86                       | 2,650.6             | -355.1              | 859.8                         | 802.4                          | 57.44                            | 14.971                    |          |
| 12,400.0                                                                                   | 9,623.8                      | 13,341.3                     | 10,389.3                     | 25.0                    | 26.5                 | -152.87                       | 2,750.6             | -355.3              | 860.1                         | 801.4                          | 58.66                            | 14.662                    |          |
| 12,500.0                                                                                   | 9,624.3                      | 13,441.3                     | 10,390.0                     | 25.7                    | 27.1                 | -152.88                       | 2,850.6             | -355.5              | 860.4                         | 800.5                          | 59.90                            | 14.363                    |          |
| 12,600.0                                                                                   | 9,624.7                      | 13,541.3                     | 10,390.7                     | 26.4                    | 27.7                 | -152.89                       | 2,950.6             | -355.7              | 860.6                         | 799.5                          | 61.16                            | 14.073                    |          |
| 12,700.0                                                                                   | 9,625.1                      | 13,641.3                     | 10,391.5                     | 27.1                    | 28.4                 | -152.90                       | 3,050.6             | -355.8              | 860.9                         | 798.5                          | 62.42                            | 13.791                    |          |
| 12,800.0                                                                                   | 9,625.6                      | 13,741.3                     | 10,392.2                     | 27.8                    | 29.0                 | -152.91                       | 3,150.6             | -356.0              | 861.2                         | 797.5                          | 63.70                            | 13.518                    |          |
| 12,900.0                                                                                   | 9,626.0                      | 13,841.3                     | 10,393.0                     | 28.5                    | 29.7                 | -152.92                       | 3,250.6             | -356.2              | 861.4                         | 796.4                          | 65.00                            | 13.254                    |          |
| 13,000.0                                                                                   | 9,626.4                      | 13,941.3                     | 10,393.7                     | 29.2                    | 30.3                 | -152.93                       | 3,350.6             | -356.4              | 861.7                         | 795.4                          | 66.30                            | 12.998                    |          |
| 13,100.0                                                                                   | 9,626.9                      | 14,041.3                     | 10,394.5                     | 29.9                    | 31.0                 | -152.94                       | 3,450.6             | -356.6              | 862.0                         | 794.4                          | 67.61                            | 12.749                    |          |
| 13,200.0                                                                                   | 9,627.3                      | 14,141.3                     | 10,395.2                     | 30.6                    | 31.7                 | -152.95                       | 3,550.6             | -356.8              | 862.2                         | 793.3                          | 68.93                            | 12.509                    |          |
| 13,300.0                                                                                   | 9,627.7                      | 14,241.3                     | 10,396.0                     | 31.3                    | 32.3                 | -152.96                       | 3,650.6             | -357.0              | 862.5                         | 792.2                          | 70.26                            | 12.276                    |          |
| 13,400.0                                                                                   | 9,628.2                      | 14,341.3                     | 10,396.7                     | 32.0                    | 33.0                 | -152.97                       | 3,750.6             | -357.2              | 862.8                         | 791.2                          | 71.60                            | 12.050                    |          |
| 13,500.0                                                                                   | 9,628.6                      | 14,441.3                     | 10,397.5                     | 32.7                    | 33.7                 | -152.99                       | 3,850.6             | -357.4              | 863.0                         | 790.1                          | 72.95                            | 11.831                    |          |
| 13,600.0                                                                                   | 9,629.0                      | 14,541.3                     | 10,398.2                     | 33.4                    | 34.4                 | -153.00                       | 3,950.6             | -357.5              | 863.3                         | 789.0                          | 74.30                            | 11.619                    |          |
| 13,700.0                                                                                   | 9,629.5                      | 14,641.3                     | 10,399.0                     | 34.1                    | 35.1                 | -153.01                       | 4,050.6             | -357.7              | 863.6                         | 787.9                          | 75.67                            | 11.413                    |          |
| 13,800.0                                                                                   | 9,629.9                      | 14,741.3                     | 10,399.7                     | 34.8                    | 35.8                 | -153.02                       | 4,150.6             | -357.9              | 863.8                         | 786.8                          | 77.03                            | 11.214                    |          |
| 13,900.0                                                                                   | 9,630.3                      | 14,841.3                     | 10,400.5                     | 35.5                    | 36.5                 | -153.03                       | 4,250.6             | -358.1              | 864.1                         | 785.7                          | 78.41                            | 11.020                    |          |
| 14,000.0                                                                                   | 9,630.8                      | 14,941.3                     | 10,401.2                     | 36.3                    | 37.2                 | -153.04                       | 4,350.6             | -358.3              | 864.4                         | 784.6                          | 79.79                            | 10.833                    |          |
| 14,100.0                                                                                   | 9,631.2                      | 15,041.3                     | 10,401.9                     | 37.0                    | 37.9                 | -153.05                       | 4,450.6             | -358.5              | 864.6                         | 783.5                          | 81.18                            | 10.651                    |          |
| 14,200.0                                                                                   | 9,631.6                      | 15,141.3                     | 10,402.7                     | 37.7                    | 38.6                 | -153.06                       | 4,550.6             | -358.7              | 864.9                         | 782.3                          | 82.57                            | 10.475                    |          |
| 14,300.0                                                                                   | 9,632.1                      | 15,241.3                     | 10,403.4                     | 38.4                    | 39.4                 | -153.07                       | 4,650.5             | -358.9              | 865.2                         | 781.2                          | 83.97                            | 10.303                    |          |
| 14,400.0                                                                                   | 9,632.5                      | 15,341.3                     | 10,404.2                     | 39.2                    | 40.1                 | -153.08                       | 4,750.5             | -359.1              | 865.4                         | 780.1                          | 85.37                            | 10.137                    |          |
| 14,500.0                                                                                   | 9,632.9                      | 15,441.3                     | 10,404.9                     | 39.9                    | 40.8                 | -153.09                       | 4,850.5             | -359.3              | 865.7                         | 778.9                          | 86.78                            | 9.976                     |          |
| 14,600.0                                                                                   | 9,633.4                      | 15,541.3                     | 10,405.7                     | 40.6                    | 41.5                 | -153.10                       | 4,950.5             | -359.4              | 866.0                         | 777.8                          | 88.19                            | 9.819                     |          |
| 14,700.0                                                                                   | 9,633.8                      | 15,641.3                     | 10,406.4                     | 41.4                    | 42.2                 | -153.12                       | 5,050.5             | -359.6              | 866.2                         | 776.6                          | 89.61                            | 9.667                     |          |
| 14,800.0                                                                                   | 9,634.3                      | 15,741.3                     | 10,407.2                     | 42.1                    | 43.0                 | -153.13                       | 5,150.5             | -359.8              | 866.5                         | 775.5                          | 91.03                            | 9.519                     |          |
| 14,900.0                                                                                   | 9,634.7                      | 15,841.3                     | 10,407.9                     | 42.8                    | 43.7                 | -153.14                       | 5,250.5             | -360.0              | 866.8                         | 774.3                          | 92.46                            | 9.375                     |          |
| 15,000.0                                                                                   | 9,635.1                      | 15,941.3                     | 10,408.7                     | 43.6                    | 44.4                 | -153.15                       | 5,350.5             | -360.2              | 867.0                         | 773.2                          | 93.88                            | 9.235                     |          |
| 15,100.0                                                                                   | 9,635.6                      | 16,041.3                     | 10,409.4                     | 44.3                    | 45.1                 | -153.16                       | 5,450.5             | -360.4              | 867.3                         | 772.0                          | 95.32                            | 9.099                     |          |
| 15,200.0                                                                                   | 9,636.0                      | 16,141.3                     | 10,410.2                     | 45.0                    | 45.9                 | -153.17                       | 5,550.5             | -360.6              | 867.6                         | 770.8                          | 96.75                            | 8.967                     |          |
| 15,300.0                                                                                   | 9,636.4                      | 16,241.3                     | 10,410.9                     | 45.8                    | 46.6                 | -153.18                       | 5,650.5             | -360.8              | 867.9                         | 769.7                          | 98.19                            | 8.839                     |          |

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

# ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  |                           |          |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|-------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|---------------------------|----------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #908H - OWB - PWP1 |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Site Error:</b> | 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10095-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                               |                     |                     |                               |                                |                                  | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>     |                               | <b>Rule Assigned:</b>          |                                  | <b>Warning</b>            |          |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b>  | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b>  |          |
| 15,400.0                                                                                   | 9,636.9                      | 16,341.3                     | 10,411.6                     | 46.5                    | 47.3                 | -153.19                       | 5,750.5             | -361.0              | 868.1                         | 768.5                          | 99.63                            | 8.713                     |          |
| 15,500.0                                                                                   | 9,637.3                      | 16,441.3                     | 10,412.4                     | 47.2                    | 48.1                 | -153.20                       | 5,850.5             | -361.1              | 868.4                         | 767.3                          | 101.08                           | 8.591                     |          |
| 15,600.0                                                                                   | 9,637.7                      | 16,541.3                     | 10,413.1                     | 48.0                    | 48.8                 | -153.21                       | 5,950.5             | -361.3              | 868.7                         | 766.1                          | 102.52                           | 8.473                     |          |
| 15,700.0                                                                                   | 9,638.2                      | 16,641.3                     | 10,413.9                     | 48.7                    | 49.5                 | -153.22                       | 6,050.5             | -361.5              | 868.9                         | 764.9                          | 103.97                           | 8.357                     |          |
| 15,800.0                                                                                   | 9,638.6                      | 16,741.3                     | 10,414.6                     | 49.5                    | 50.3                 | -153.23                       | 6,150.5             | -361.7              | 869.2                         | 763.8                          | 105.43                           | 8.245                     |          |
| 15,900.0                                                                                   | 9,639.0                      | 16,841.3                     | 10,415.4                     | 50.2                    | 51.0                 | -153.24                       | 6,250.5             | -361.9              | 869.5                         | 762.6                          | 106.88                           | 8.135                     |          |
| 16,000.0                                                                                   | 9,639.5                      | 16,941.3                     | 10,416.1                     | 50.9                    | 51.7                 | -153.26                       | 6,350.5             | -362.1              | 869.7                         | 761.4                          | 108.34                           | 8.028                     |          |
| 16,100.0                                                                                   | 9,639.9                      | 17,041.3                     | 10,416.9                     | 51.7                    | 52.5                 | -153.27                       | 6,450.5             | -362.3              | 870.0                         | 760.2                          | 109.80                           | 7.923                     |          |
| 16,200.0                                                                                   | 9,640.3                      | 17,141.3                     | 10,417.6                     | 52.4                    | 53.2                 | -153.28                       | 6,550.5             | -362.5              | 870.3                         | 759.0                          | 111.26                           | 7.822                     |          |
| 16,300.0                                                                                   | 9,640.8                      | 17,241.3                     | 10,418.4                     | 53.2                    | 54.0                 | -153.29                       | 6,650.5             | -362.7              | 870.5                         | 757.8                          | 112.73                           | 7.723                     |          |
| 16,400.0                                                                                   | 9,641.2                      | 17,341.3                     | 10,419.1                     | 53.9                    | 54.7                 | -153.30                       | 6,750.5             | -362.9              | 870.8                         | 756.6                          | 114.19                           | 7.626                     |          |
| 16,500.0                                                                                   | 9,641.6                      | 17,441.3                     | 10,419.9                     | 54.7                    | 55.4                 | -153.31                       | 6,850.5             | -363.0              | 871.1                         | 755.4                          | 115.66                           | 7.531                     |          |
| 16,600.0                                                                                   | 9,642.1                      | 17,541.3                     | 10,420.6                     | 55.4                    | 56.2                 | -153.32                       | 6,950.5             | -363.2              | 871.3                         | 754.2                          | 117.13                           | 7.439                     |          |
| 16,700.0                                                                                   | 9,642.5                      | 17,641.3                     | 10,421.3                     | 56.2                    | 56.9                 | -153.33                       | 7,050.5             | -363.4              | 871.6                         | 753.0                          | 118.60                           | 7.349                     |          |
| 16,800.0                                                                                   | 9,642.9                      | 17,741.3                     | 10,422.1                     | 56.9                    | 57.7                 | -153.34                       | 7,150.5             | -363.6              | 871.9                         | 751.8                          | 120.08                           | 7.261                     |          |
| 16,900.0                                                                                   | 9,643.4                      | 17,841.3                     | 10,422.8                     | 57.6                    | 58.4                 | -153.35                       | 7,250.5             | -363.8              | 872.1                         | 750.6                          | 121.55                           | 7.175                     |          |
| 17,000.0                                                                                   | 9,643.8                      | 17,941.3                     | 10,423.6                     | 58.4                    | 59.2                 | -153.36                       | 7,350.5             | -364.0              | 872.4                         | 749.4                          | 123.03                           | 7.091                     |          |
| 17,100.0                                                                                   | 9,644.2                      | 18,041.3                     | 10,424.3                     | 59.1                    | 59.9                 | -153.37                       | 7,450.5             | -364.2              | 872.7                         | 748.2                          | 124.51                           | 7.009                     |          |
| 17,200.0                                                                                   | 9,644.7                      | 18,141.3                     | 10,425.1                     | 59.9                    | 60.6                 | -153.38                       | 7,550.4             | -364.4              | 872.9                         | 747.0                          | 125.99                           | 6.929                     |          |
| 17,300.0                                                                                   | 9,645.1                      | 18,241.3                     | 10,425.8                     | 60.6                    | 61.4                 | -153.39                       | 7,650.4             | -364.6              | 873.2                         | 745.7                          | 127.47                           | 6.850                     |          |
| 17,400.0                                                                                   | 9,645.5                      | 18,341.3                     | 10,426.6                     | 61.4                    | 62.1                 | -153.40                       | 7,750.4             | -364.7              | 873.5                         | 744.5                          | 128.95                           | 6.774                     |          |
| 17,500.0                                                                                   | 9,646.0                      | 18,441.3                     | 10,427.3                     | 62.1                    | 62.9                 | -153.41                       | 7,850.4             | -364.9              | 873.7                         | 743.3                          | 130.44                           | 6.698                     |          |
| 17,600.0                                                                                   | 9,646.4                      | 18,541.3                     | 10,428.1                     | 62.9                    | 63.6                 | -153.43                       | 7,950.4             | -365.1              | 874.0                         | 742.1                          | 131.93                           | 6.625                     |          |
| 17,700.0                                                                                   | 9,646.8                      | 18,641.3                     | 10,428.8                     | 63.6                    | 64.4                 | -153.44                       | 8,050.4             | -365.3              | 874.3                         | 740.9                          | 133.41                           | 6.553                     |          |
| 17,800.0                                                                                   | 9,647.3                      | 18,741.3                     | 10,429.6                     | 64.4                    | 65.1                 | -153.45                       | 8,150.4             | -365.5              | 874.5                         | 739.6                          | 134.90                           | 6.483                     |          |
| 17,900.0                                                                                   | 9,647.7                      | 18,841.3                     | 10,430.3                     | 65.1                    | 65.9                 | -153.46                       | 8,250.4             | -365.7              | 874.8                         | 738.4                          | 136.39                           | 6.414                     |          |
| 18,000.0                                                                                   | 9,648.1                      | 18,941.3                     | 10,431.0                     | 65.9                    | 66.6                 | -153.47                       | 8,350.4             | -365.9              | 875.1                         | 737.2                          | 137.88                           | 6.347                     |          |
| 18,100.0                                                                                   | 9,648.6                      | 19,041.3                     | 10,431.8                     | 66.6                    | 67.4                 | -153.48                       | 8,450.4             | -366.1              | 875.4                         | 736.0                          | 139.37                           | 6.281                     |          |
| 18,200.0                                                                                   | 9,649.0                      | 19,141.3                     | 10,432.5                     | 67.4                    | 68.1                 | -153.49                       | 8,550.4             | -366.3              | 875.6                         | 734.8                          | 140.87                           | 6.216                     |          |
| 18,300.0                                                                                   | 9,649.4                      | 19,241.3                     | 10,433.3                     | 68.1                    | 68.9                 | -153.50                       | 8,650.4             | -366.5              | 875.9                         | 733.5                          | 142.36                           | 6.153                     |          |
| 18,400.0                                                                                   | 9,649.9                      | 19,341.3                     | 10,434.0                     | 68.9                    | 69.6                 | -153.51                       | 8,750.4             | -366.6              | 876.2                         | 732.3                          | 143.86                           | 6.091                     |          |
| 18,500.0                                                                                   | 9,650.3                      | 19,441.3                     | 10,434.8                     | 69.6                    | 70.4                 | -153.52                       | 8,850.4             | -366.8              | 876.4                         | 731.1                          | 145.35                           | 6.030                     |          |
| 18,600.0                                                                                   | 9,650.7                      | 19,541.3                     | 10,435.5                     | 70.4                    | 71.1                 | -153.53                       | 8,950.4             | -367.0              | 876.7                         | 729.8                          | 146.85                           | 5.970                     |          |
| 18,700.0                                                                                   | 9,651.2                      | 19,641.3                     | 10,436.3                     | 71.2                    | 71.9                 | -153.54                       | 9,050.4             | -367.2              | 877.0                         | 728.6                          | 148.35                           | 5.912                     |          |
| 18,800.0                                                                                   | 9,651.6                      | 19,741.3                     | 10,437.0                     | 71.9                    | 72.6                 | -153.55                       | 9,150.4             | -367.4              | 877.2                         | 727.4                          | 149.85                           | 5.854                     |          |
| 18,900.0                                                                                   | 9,652.1                      | 19,841.3                     | 10,437.8                     | 72.7                    | 73.4                 | -153.56                       | 9,250.4             | -367.6              | 877.5                         | 726.2                          | 151.35                           | 5.798                     |          |
| 19,000.0                                                                                   | 9,652.5                      | 19,941.3                     | 10,438.5                     | 73.4                    | 74.1                 | -153.57                       | 9,350.4             | -367.8              | 877.8                         | 724.9                          | 152.85                           | 5.743                     |          |
| 19,100.0                                                                                   | 9,652.9                      | 20,041.3                     | 10,439.3                     | 74.2                    | 74.9                 | -153.58                       | 9,450.4             | -368.0              | 878.0                         | 723.7                          | 154.35                           | 5.689                     |          |
| 19,200.0                                                                                   | 9,653.4                      | 20,141.3                     | 10,440.0                     | 74.9                    | 75.6                 | -153.59                       | 9,550.4             | -368.2              | 878.3                         | 722.5                          | 155.85                           | 5.636                     |          |
| 19,300.0                                                                                   | 9,653.8                      | 20,241.3                     | 10,440.7                     | 75.7                    | 76.4                 | -153.60                       | 9,650.4             | -368.3              | 878.6                         | 721.2                          | 157.35                           | 5.583                     |          |
| 19,400.0                                                                                   | 9,654.2                      | 20,341.3                     | 10,441.5                     | 76.4                    | 77.1                 | -153.61                       | 9,750.4             | -368.5              | 878.8                         | 720.0                          | 158.86                           | 5.532                     |          |
| 19,500.0                                                                                   | 9,654.7                      | 20,441.3                     | 10,442.2                     | 77.2                    | 77.9                 | -153.63                       | 9,850.4             | -368.7              | 879.1                         | 718.8                          | 160.36                           | 5.482                     |          |
| 19,600.0                                                                                   | 9,655.1                      | 20,541.3                     | 10,443.0                     | 77.9                    | 78.6                 | -153.64                       | 9,950.4             | -368.9              | 879.4                         | 717.5                          | 161.87                           | 5.433                     |          |
| 19,700.0                                                                                   | 9,655.5                      | 20,641.3                     | 10,443.7                     | 78.7                    | 79.4                 | -153.65                       | 10,050.4            | -369.1              | 879.7                         | 716.3                          | 163.37                           | 5.384                     |          |
| 19,800.0                                                                                   | 9,656.0                      | 20,741.3                     | 10,444.5                     | 79.4                    | 80.1                 | -153.66                       | 10,150.4            | -369.3              | 879.9                         | 715.0                          | 164.88                           | 5.337                     |          |
| 19,900.0                                                                                   | 9,656.4                      | 20,841.3                     | 10,445.2                     | 80.2                    | 80.9                 | -153.67                       | 10,250.4            | -369.5              | 880.2                         | 713.8                          | 166.39                           | 5.290                     |          |
| 20,000.0                                                                                   | 9,656.8                      | 20,941.3                     | 10,446.0                     | 81.0                    | 81.6                 | -153.68                       | 10,350.4            | -369.7              | 880.5                         | 712.6                          | 167.90                           | 5.244                     |          |
| 20,100.0                                                                                   | 9,657.3                      | 21,041.3                     | 10,446.7                     | 81.7                    | 82.4                 | -153.69                       | 10,450.3            | -369.9              | 880.7                         | 711.3                          | 169.40                           | 5.199                     |          |
| 20,200.0                                                                                   | 9,657.7                      | 21,141.3                     | 10,447.5                     | 82.5                    | 83.1                 | -153.70                       | 10,550.3            | -370.0              | 881.0                         | 710.1                          | 170.91                           | 5.155                     |          |
| 20,300.0                                                                                   | 9,658.1                      | 21,241.3                     | 10,448.2                     | 83.2                    | 83.9                 | -153.71                       | 10,650.3            | -370.2              | 881.3                         | 708.8                          | 172.42                           | 5.111                     |          |
| 20,400.0                                                                                   | 9,658.6                      | 21,341.3                     | 10,449.0                     | 84.0                    | 84.7                 | -153.72                       | 10,750.3            | -370.4              | 881.5                         | 707.6                          | 173.93                           | 5.068                     |          |
| 20,500.0                                                                                   | 9,659.0                      | 21,441.3                     | 10,449.7                     | 84.7                    | 85.4                 | -153.73                       | 10,850.3            | -370.6              | 881.8                         | 706.4                          | 175.44                           | 5.026                     |          |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

|                                                                                            |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|----------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #908H - OWB - PWP1 |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 10095-r.5 MWD+IFR1+MS |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                                  |                          | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      |                              | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                |                                  |                          | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                               | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b>           | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Minimum Separation (usft)</b> | <b>Separation Factor</b> |                                    |
| 20,600.0                                                                                   | 9,659.4                      | 21,541.3                     | 10,450.4                     | 85.5                    | 86.2                 | -153.74                      | 10,950.3                      | -370.8              | 882.1                         | 705.1                          | 176.96                           | 4.985                    |                                    |
| 20,700.0                                                                                   | 9,659.9                      | 21,641.3                     | 10,451.2                     | 86.2                    | 86.9                 | -153.75                      | 11,050.3                      | -371.0              | 882.3                         | 703.9                          | 178.47                           | 4.944                    |                                    |
| 20,800.0                                                                                   | 9,660.3                      | 21,741.3                     | 10,451.9                     | 87.0                    | 87.7                 | -153.76                      | 11,150.3                      | -371.2              | 882.6                         | 702.6                          | 179.98                           | 4.904                    |                                    |
| 20,900.0                                                                                   | 9,660.7                      | 21,841.3                     | 10,452.7                     | 87.8                    | 88.4                 | -153.77                      | 11,250.3                      | -371.4              | 882.9                         | 701.4                          | 181.49                           | 4.865                    |                                    |
| 21,000.0                                                                                   | 9,661.2                      | 21,941.3                     | 10,453.4                     | 88.5                    | 89.2                 | -153.78                      | 11,350.3                      | -371.6              | 883.2                         | 700.1                          | 183.01                           | 4.826                    |                                    |
| 21,100.0                                                                                   | 9,661.6                      | 22,041.3                     | 10,454.2                     | 89.3                    | 89.9                 | -153.79                      | 11,450.3                      | -371.8              | 883.4                         | 698.9                          | 184.52                           | 4.788                    |                                    |
| 21,200.0                                                                                   | 9,662.0                      | 22,141.3                     | 10,454.9                     | 90.0                    | 90.7                 | -153.80                      | 11,550.3                      | -371.9              | 883.7                         | 697.7                          | 186.04                           | 4.750                    |                                    |
| 21,300.0                                                                                   | 9,662.5                      | 22,241.3                     | 10,455.7                     | 90.8                    | 91.4                 | -153.81                      | 11,650.3                      | -372.1              | 884.0                         | 696.4                          | 187.55                           | 4.713                    |                                    |
| 21,400.0                                                                                   | 9,662.9                      | 22,341.3                     | 10,456.4                     | 91.5                    | 92.2                 | -153.82                      | 11,750.3                      | -372.3              | 884.2                         | 695.2                          | 189.07                           | 4.677                    |                                    |
| 21,500.0                                                                                   | 9,663.3                      | 22,441.3                     | 10,457.2                     | 92.3                    | 93.0                 | -153.83                      | 11,850.3                      | -372.5              | 884.5                         | 693.9                          | 190.58                           | 4.641                    |                                    |
| 21,600.0                                                                                   | 9,663.8                      | 22,541.3                     | 10,457.9                     | 93.1                    | 93.7                 | -153.84                      | 11,950.3                      | -372.7              | 884.8                         | 692.7                          | 192.10                           | 4.606                    |                                    |
| 21,700.0                                                                                   | 9,664.2                      | 22,641.3                     | 10,458.7                     | 93.8                    | 94.5                 | -153.85                      | 12,050.3                      | -372.9              | 885.0                         | 691.4                          | 193.61                           | 4.571                    |                                    |
| 21,783.2                                                                                   | 9,664.6                      | 22,724.0                     | 10,459.3                     | 94.4                    | 95.1                 | -153.86                      | 12,133.0                      | -373.0              | 885.3                         | 690.4                          | 194.87                           | 4.543 SF                 |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

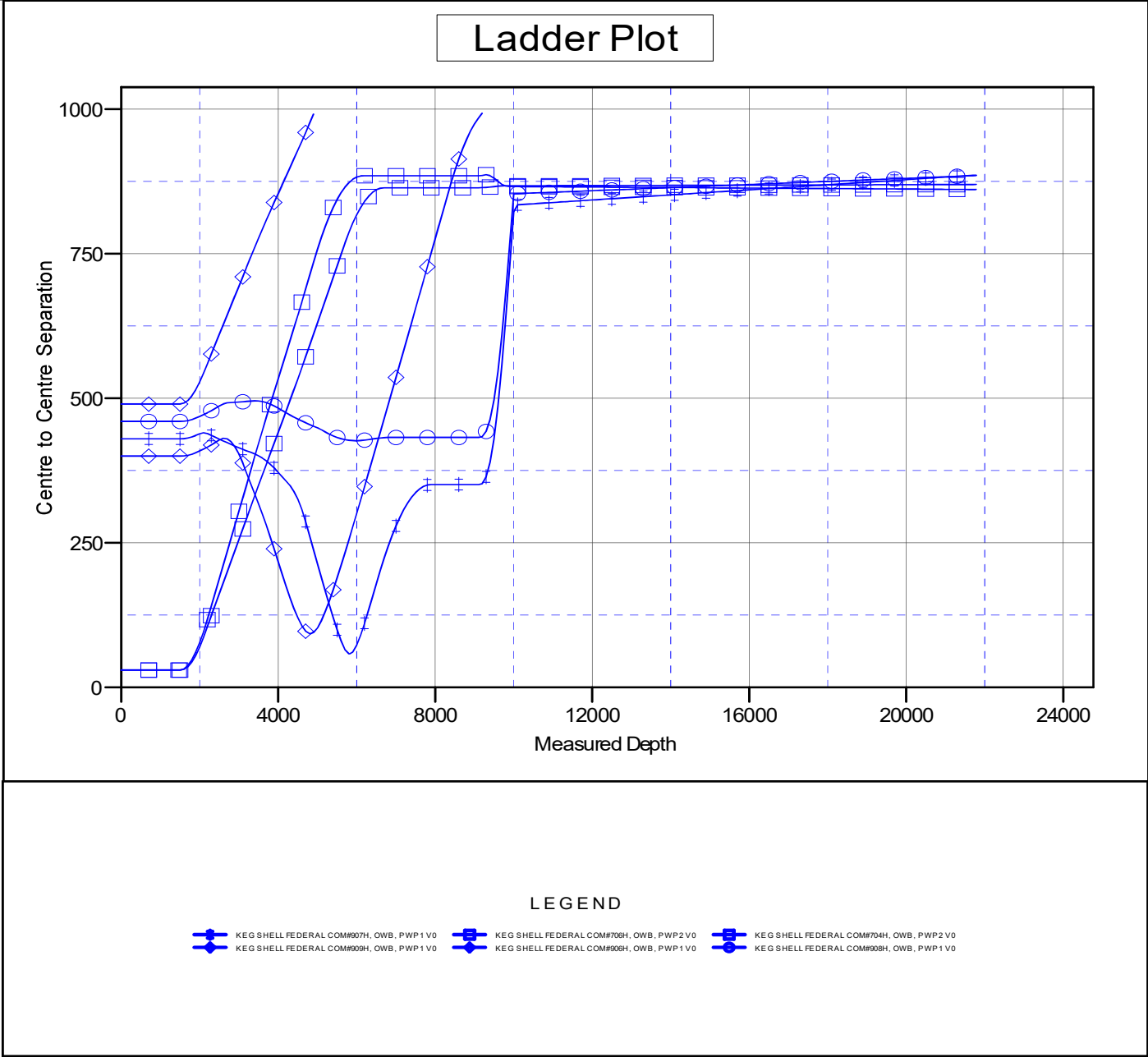
|                                                                                            |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               |                                    |
|--------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|----------------------|---------------------|---------------------|---------------------|-------------------------------|--------------------------------|--------------------------|---------------|------------------------------------|
| <b>Offset Design:</b> KEG SHELL FED COM PROJECT - KEG SHELL FEDERAL COM #909H - OWB - PWP1 |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               | <b>Offset Site Error:</b> 3.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 1500-r.5 MWD+IFR1+MS, 9931-r.5 MWD+IFR1+MS  |                              |                              |                              |                               |                      |                     |                     |                     |                               |                                |                          |               | <b>Offset Well Error:</b> 3.0 usft |
| <b>Reference</b>                                                                           | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Highside</b>              | <b>Offset Wellbore Centre</b> |                      | <b>Distance</b>     |                     | <b>Minimum</b>      | <b>Separation</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>Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>Separation (usft)</b> | <b>Factor</b> |                                    |
| 0.0                                                                                        | 0.0                          | 0.0                          | 0.2                          | 3.0                           | 3.0                  | -90.25              | -2.1                | -490.0              | 490.0                         |                                |                          |               |                                    |
| 100.0                                                                                      | 100.0                        | 99.8                         | 100.0                        | 3.0                           | 3.1                  | -90.25              | -2.1                | -490.0              | 490.0                         | 483.5                          | 6.53                     | 75.086        |                                    |
| 200.0                                                                                      | 200.0                        | 199.8                        | 200.0                        | 3.2                           | 3.2                  | -90.25              | -2.1                | -490.0              | 490.0                         | 483.2                          | 6.77                     | 72.425        |                                    |
| 300.0                                                                                      | 300.0                        | 299.8                        | 300.0                        | 3.3                           | 3.3                  | -90.25              | -2.1                | -490.0              | 490.0                         | 483.0                          | 7.00                     | 70.034        |                                    |
| 400.0                                                                                      | 400.0                        | 399.8                        | 400.0                        | 3.4                           | 3.4                  | -90.25              | -2.1                | -490.0              | 490.0                         | 482.8                          | 7.22                     | 67.870        |                                    |
| 500.0                                                                                      | 500.0                        | 499.8                        | 500.0                        | 3.5                           | 3.6                  | -90.25              | -2.1                | -490.0              | 490.0                         | 482.6                          | 7.44                     | 65.899        |                                    |
| 600.0                                                                                      | 600.0                        | 599.8                        | 600.0                        | 3.7                           | 3.7                  | -90.25              | -2.1                | -490.0              | 490.0                         | 482.4                          | 7.64                     | 64.095        |                                    |
| 700.0                                                                                      | 700.0                        | 699.8                        | 700.0                        | 3.8                           | 3.8                  | -90.25              | -2.1                | -490.0              | 490.0                         | 482.2                          | 7.85                     | 62.434        |                                    |
| 800.0                                                                                      | 800.0                        | 799.8                        | 800.0                        | 3.9                           | 3.9                  | -90.25              | -2.1                | -490.0              | 490.0                         | 482.0                          | 8.05                     | 60.899        |                                    |
| 900.0                                                                                      | 900.0                        | 899.8                        | 900.0                        | 4.0                           | 4.0                  | -90.25              | -2.1                | -490.0              | 490.0                         | 481.8                          | 8.24                     | 59.473        |                                    |
| 1,000.0                                                                                    | 1,000.0                      | 999.8                        | 1,000.0                      | 4.2                           | 4.2                  | -90.25              | -2.1                | -490.0              | 490.0                         | 481.6                          | 8.43                     | 58.146        |                                    |
| 1,100.0                                                                                    | 1,100.0                      | 1,099.8                      | 1,100.0                      | 4.3                           | 4.3                  | -90.25              | -2.1                | -490.0              | 490.0                         | 481.4                          | 8.61                     | 56.905        |                                    |
| 1,200.0                                                                                    | 1,200.0                      | 1,199.8                      | 1,200.0                      | 4.4                           | 4.4                  | -90.25              | -2.1                | -490.0              | 490.0                         | 481.2                          | 8.79                     | 55.742        |                                    |
| 1,300.0                                                                                    | 1,300.0                      | 1,299.8                      | 1,300.0                      | 4.5                           | 4.5                  | -90.25              | -2.1                | -490.0              | 490.0                         | 481.0                          | 8.97                     | 54.648        |                                    |
| 1,400.0                                                                                    | 1,400.0                      | 1,399.8                      | 1,400.0                      | 4.6                           | 4.6                  | -90.25              | -2.1                | -490.0              | 490.0                         | 480.9                          | 9.14                     | 53.618        |                                    |
| 1,500.0                                                                                    | 1,500.0                      | 1,499.8                      | 1,500.0                      | 4.7                           | 4.8                  | -90.25              | -2.1                | -490.0              | 490.0                         | 480.7                          | 9.31                     | 52.645 CC, ES |                                    |
| 1,600.0                                                                                    | 1,600.0                      | 1,587.7                      | 1,587.9                      | 4.9                           | 4.9                  | 100.81              | -2.9                | -491.1              | 491.6                         | 482.0                          | 9.52                     | 51.616        |                                    |
| 1,700.0                                                                                    | 1,699.8                      | 1,675.5                      | 1,675.6                      | 5.2                           | 5.1                  | 100.96              | -5.3                | -494.3              | 496.2                         | 486.3                          | 9.87                     | 50.255        |                                    |
| 1,800.0                                                                                    | 1,799.5                      | 1,763.0                      | 1,762.8                      | 5.5                           | 5.3                  | 101.20              | -9.4                | -499.6              | 504.0                         | 493.8                          | 10.23                    | 49.247        |                                    |
| 1,900.0                                                                                    | 1,898.8                      | 1,850.1                      | 1,849.4                      | 5.6                           | 5.5                  | 101.59              | -15.0               | -507.1              | 514.7                         | 504.2                          | 10.54                    | 48.854        |                                    |
| 2,000.0                                                                                    | 1,998.2                      | 1,936.8                      | 1,935.3                      | 5.9                           | 5.8                  | 101.85              | -22.1               | -516.5              | 527.8                         | 516.9                          | 10.90                    | 48.424        |                                    |
| 2,100.0                                                                                    | 2,097.5                      | 2,023.0                      | 2,020.3                      | 6.1                           | 6.0                  | 101.91              | -30.7               | -528.0              | 543.3                         | 532.1                          | 11.23                    | 48.364        |                                    |
| 2,200.0                                                                                    | 2,196.9                      | 2,121.3                      | 2,116.9                      | 6.4                           | 6.3                  | 101.89              | -41.5               | -542.3              | 560.0                         | 548.4                          | 11.59                    | 48.306        |                                    |
| 2,300.0                                                                                    | 2,296.2                      | 2,219.9                      | 2,213.9                      | 6.7                           | 6.5                  | 101.86              | -52.3               | -556.7              | 576.7                         | 564.7                          | 12.00                    | 48.072        |                                    |
| 2,400.0                                                                                    | 2,395.6                      | 2,318.5                      | 2,310.8                      | 7.0                           | 6.8                  | 101.84              | -63.2               | -571.0              | 593.3                         | 580.9                          | 12.41                    | 47.800        |                                    |
| 2,500.0                                                                                    | 2,495.0                      | 2,417.1                      | 2,407.8                      | 7.3                           | 7.2                  | 101.82              | -74.0               | -585.4              | 610.0                         | 597.2                          | 12.84                    | 47.502        |                                    |
| 2,600.0                                                                                    | 2,594.3                      | 2,515.7                      | 2,504.7                      | 7.6                           | 7.5                  | 101.80              | -84.8               | -599.7              | 626.7                         | 613.4                          | 13.28                    | 47.183        |                                    |
| 2,700.0                                                                                    | 2,693.7                      | 2,614.3                      | 2,601.7                      | 7.9                           | 7.8                  | 101.78              | -95.6               | -614.1              | 643.4                         | 629.7                          | 13.73                    | 46.851        |                                    |
| 2,800.0                                                                                    | 2,793.0                      | 2,712.9                      | 2,698.6                      | 8.3                           | 8.2                  | 101.76              | -106.4              | -628.4              | 660.1                         | 645.9                          | 14.19                    | 46.511        |                                    |
| 2,900.0                                                                                    | 2,892.4                      | 2,811.5                      | 2,795.6                      | 8.6                           | 8.6                  | 101.74              | -117.2              | -642.8              | 676.8                         | 662.1                          | 14.66                    | 46.167        |                                    |
| 3,000.0                                                                                    | 2,991.8                      | 2,910.1                      | 2,892.5                      | 8.9                           | 8.9                  | 101.72              | -128.0              | -657.1              | 693.5                         | 678.3                          | 15.13                    | 45.822        |                                    |
| 3,100.0                                                                                    | 3,091.1                      | 3,008.7                      | 2,989.5                      | 9.3                           | 9.3                  | 101.71              | -138.8              | -671.5              | 710.2                         | 694.5                          | 15.62                    | 45.479        |                                    |
| 3,200.0                                                                                    | 3,190.5                      | 3,107.3                      | 3,086.4                      | 9.6                           | 9.7                  | 101.69              | -149.7              | -685.8              | 726.8                         | 710.7                          | 16.10                    | 45.139        |                                    |
| 3,300.0                                                                                    | 3,289.8                      | 3,205.9                      | 3,183.3                      | 10.0                          | 10.1                 | 101.68              | -160.5              | -700.2              | 743.5                         | 726.9                          | 16.59                    | 44.804        |                                    |
| 3,400.0                                                                                    | 3,389.2                      | 3,304.5                      | 3,280.3                      | 10.3                          | 10.5                 | 101.73              | -171.3              | -714.5              | 760.2                         | 743.1                          | 17.04                    | 44.599        |                                    |
| 3,500.0                                                                                    | 3,488.8                      | 3,403.1                      | 3,377.3                      | 10.7                          | 10.9                 | 101.75              | -182.1              | -728.9              | 776.5                         | 758.9                          | 17.55                    | 44.243        |                                    |
| 3,600.0                                                                                    | 3,588.5                      | 3,501.7                      | 3,474.3                      | 11.0                          | 11.3                 | 101.64              | -192.9              | -743.2              | 792.5                         | 774.4                          | 18.06                    | 43.871        |                                    |
| 3,700.0                                                                                    | 3,688.3                      | 3,600.4                      | 3,571.3                      | 11.4                          | 11.7                 | 101.41              | -203.7              | -757.6              | 808.1                         | 789.5                          | 18.58                    | 43.486        |                                    |
| 3,800.0                                                                                    | 3,788.2                      | 3,698.9                      | 3,668.2                      | 11.7                          | 12.1                 | 101.08              | -214.6              | -771.9              | 823.5                         | 804.4                          | 19.11                    | 43.088        |                                    |
| 3,900.0                                                                                    | 3,888.2                      | 3,797.4                      | 3,765.0                      | 12.0                          | 12.5                 | 100.65              | -225.4              | -786.3              | 838.6                         | 818.9                          | 19.65                    | 42.680        |                                    |
| 4,000.0                                                                                    | 3,988.1                      | 3,895.8                      | 3,861.8                      | 12.1                          | 13.0                 | -90.89              | -236.1              | -800.6              | 853.5                         | 833.3                          | 20.16                    | 42.328        |                                    |
| 4,100.0                                                                                    | 4,088.1                      | 3,994.1                      | 3,958.4                      | 12.2                          | 13.4                 | -91.60              | -246.9              | -814.9              | 868.3                         | 847.6                          | 20.76                    | 41.823        |                                    |
| 4,200.0                                                                                    | 4,188.1                      | 4,092.5                      | 4,055.1                      | 12.3                          | 13.8                 | -92.28              | -257.7              | -829.2              | 883.3                         | 862.0                          | 21.29                    | 41.494        |                                    |
| 4,300.0                                                                                    | 4,288.1                      | 4,190.8                      | 4,151.8                      | 12.3                          | 14.2                 | -92.94              | -268.5              | -843.5              | 898.4                         | 876.6                          | 21.82                    | 41.167        |                                    |
| 4,400.0                                                                                    | 4,388.1                      | 4,289.1                      | 4,248.5                      | 12.4                          | 14.7                 | -93.57              | -279.3              | -857.8              | 913.7                         | 891.3                          | 22.37                    | 40.845        |                                    |
| 4,500.0                                                                                    | 4,488.1                      | 4,387.5                      | 4,345.2                      | 12.4                          | 15.1                 | -94.19              | -290.1              | -872.1              | 929.0                         | 906.1                          | 22.92                    | 40.528        |                                    |
| 4,600.0                                                                                    | 4,588.1                      | 4,485.8                      | 4,441.8                      | 12.5                          | 15.5                 | -94.79              | -300.8              | -886.5              | 944.5                         | 921.0                          | 23.48                    | 40.217        |                                    |
| 4,700.0                                                                                    | 4,688.1                      | 4,584.1                      | 4,538.5                      | 12.5                          | 15.9                 | -95.36              | -311.6              | -900.8              | 960.0                         | 935.9                          | 24.05                    | 39.913        |                                    |
| 4,800.0                                                                                    | 4,788.1                      | 4,682.4                      | 4,635.2                      | 12.6                          | 16.4                 | -95.92              | -322.4              | -915.1              | 975.6                         | 951.0                          | 24.63                    | 39.617        |                                    |
| 4,900.0                                                                                    | 4,888.1                      | 4,780.8                      | 4,731.9                      | 12.6                          | 16.8                 | -96.46              | -333.2              | -929.4              | 991.3                         | 966.1                          | 25.21                    | 39.328 SF     |                                    |

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

ConocoPhillips  
Anticollision Report

|                    |                             |                              |                                  |
|--------------------|-----------------------------|------------------------------|----------------------------------|
| Company:           | DELAWARE BASIN WEST         | Local Co-ordinate Reference: | Well KEG SHELL FEDERAL COM #705H |
| Project:           | ATLAS PROSPECT (NM-E)       | TVD Reference:               | KB=32 @ 3061.9usft               |
| Reference Site:    | KEG SHELL FED COM PROJECT   | MD Reference:                | KB=32 @ 3061.9usft               |
| Site Error:        | 3.0 usft                    | North Reference:             | Grid                             |
| Reference Well:    | KEG SHELL FEDERAL COM #705H | Survey Calculation Method:   | Minimum Curvature                |
| Well Error:        | 3.0 usft                    | Output errors are at         | 2.00 sigma                       |
| Reference Wellbore | OWB                         | Database:                    | EDT 17 Central Planning Prod     |
| Reference Design:  | PWP2                        | Offset TVD Reference:        | Reference Datum                  |

|                                                     |                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------|
| Reference Depths are relative to KB=32 @ 3061.9usft | Coordinates are relative to: KEG SHELL FEDERAL COM #705H                      |
| Offset Depths are relative to Offset Datum          | Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30 |
| Central Meridian is 104° 20' 0.000 W                | Grid Convergence at Surface is: 0.14°                                         |



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

## ConocoPhillips

## Anticollision Report

|                           |                             |                                     |                                  |
|---------------------------|-----------------------------|-------------------------------------|----------------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST         | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Project:</b>           | ATLAS PROSPECT (NM-E)       | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Reference Site:</b>    | KEG SHELL FED COM PROJECT   | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site Error:</b>        | 3.0 usft                    | <b>North Reference:</b>             | Grid                             |
| <b>Reference Well:</b>    | KEG SHELL FEDERAL COM #705H | <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 Central Planning Prod     |
| <b>Reference Design:</b>  | PWP2                        | <b>Offset TVD Reference:</b>        | Reference Datum                  |

Reference Depths are relative to KB=32 @ 3061.9usft

Offset Depths are relative to Offset Datum

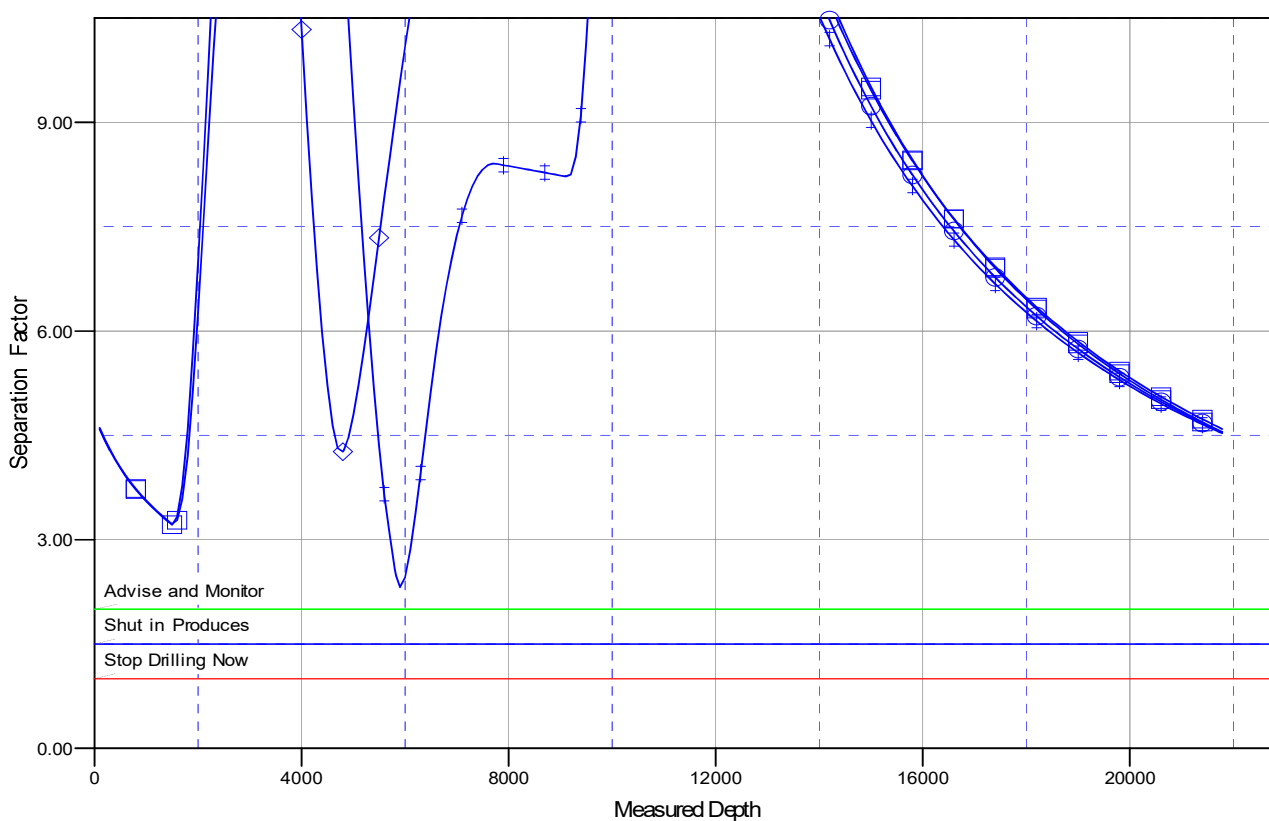
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: KEG SHELL FEDERAL COM #705H

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

Grid Convergence at Surface is: 0.14°

## Separation Factor Plot



## LEGEND

|                                          |                                          |                                          |
|------------------------------------------|------------------------------------------|------------------------------------------|
| KEG SHELL FEDERAL COM#907H, OWB, PWP1 V0 | KEG SHELL FEDERAL COM#706H, OWB, PWP2 V0 | KEG SHELL FEDERAL COM#704H, OWB, PWP2 V0 |
| KEG SHELL FEDERAL COM#908H, OWB, PWP1 V0 | KEG SHELL FEDERAL COM#909H, OWB, PWP1 V0 | KEG SHELL FEDERAL COM#908H, OWB, PWP1 V0 |

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



# **DELAWARE BASIN WEST**

**ATLAS PROSPECT (NM-E)**

**KEG SHELL FED COM PROJECT**

**KEG SHELL FEDERAL COM #705H**

**300154824900**

**OWB**

**Plan: PWP2**

## **Standard Planning Report**

**17 May, 2023**

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

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

| Site                  |          | KEG SHELL FED COM PROJECT |                 |            |                  |
|-----------------------|----------|---------------------------|-----------------|------------|------------------|
| Site Position:        |          | Northing:                 | 363,843.46 usft | Latitude:  | 32° 0' 0.003 N   |
| From:                 | Map      | Easting:                  | 588,090.89 usft | Longitude: | 104° 2' 56.993 W |
| Position Uncertainty: | 3.0 usft | Slot Radius:              | 13-3/16 "       |            |                  |

| Well                 | KEG SHELL FEDERAL COM #705H |          |                     |                 |               |                  |
|----------------------|-----------------------------|----------|---------------------|-----------------|---------------|------------------|
| Well Position        | +N/-S                       | 0.0 usft | Northing:           | 364,254.40 usft | Latitude:     | 32° 0' 4.171 N   |
|                      | +E/-W                       | 0.0 usft | Easting:            | 584,141.40 usft | Longitude:    | 104° 3' 42.847 W |
| Position Uncertainty |                             | 3.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,029.9 usft     |
| Grid Convergence:    |                             | 0.14 °   |                     |                 |               |                  |

|                  |                   |                    |                            |                          |                                |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| <b>Wellbore</b>  | OWB               |                    |                            |                          |                                |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination<br/>(°)</b> | <b>Dip Angle<br/>(°)</b> | <b>Field Strength<br/>(nT)</b> |
|                  | BGGM2022          | 12/1/2023          | 6.56                       | 59.52                    | 47,286.88356927                |

|                          |                                    |                         |                         |                          |     |
|--------------------------|------------------------------------|-------------------------|-------------------------|--------------------------|-----|
| <b>Design</b>            | PWP2                               |                         |                         |                          |     |
| <b>Audit Notes:</b>      |                                    |                         |                         |                          |     |
| <b>Version:</b>          |                                    | <b>Phase:</b>           | PLAN                    | <b>Tie On Depth:</b>     | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD)<br/>(usft)</b> | <b>+N/-S<br/>(usft)</b> | <b>+E/-W<br/>(usft)</b> | <b>Direction<br/>(°)</b> |     |
|                          | 0.0                                | 0.0                     | 0.0                     | 0.08                     |     |

|                                 |                            |                          |                                                      |                |  |
|---------------------------------|----------------------------|--------------------------|------------------------------------------------------|----------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>                | 5/16/2023                |                                                      |                |  |
| <b>Depth From<br/>(usft)</b>    | <b>Depth To<br/>(usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>                                     | <b>Remarks</b> |  |
| 1                               | 0.0                        | 1,506.4 PWP2 (OWB)       | r.5 SDI_KPR_WL_NS-CT<br>SDI Keeper Wireline Gyrocomp |                |  |
| 2                               | 1,506.4                    | 9,100.7 PWP2 (OWB)       | r.5 MWD+IFR1+MS<br>OWSG MWD + IFR1 + Multi-St        |                |  |
| 3                               | 9,100.7                    | 21,782.7 PWP2 (OWB)      | r.5 MWD+IFR1+MS<br>OWSG MWD + IFR1 + Multi-St        |                |  |

ConocoPhillips  
Planning Report

|           |                              |                              |                                  |
|-----------|------------------------------|------------------------------|----------------------------------|
| Database: | EDT 17 Central Planning Prod | Local Co-ordinate Reference: | Well KEG SHELL FEDERAL COM #705H |
| Company:  | DELAWARE BASIN WEST          | TVD Reference:               | KB=32 @ 3061.9usft               |
| Project:  | ATLAS PROSPECT (NM-E)        | MD Reference:                | KB=32 @ 3061.9usft               |
| Site:     | KEG SHELL FED COM PROJECT    | North Reference:             | Grid                             |
| Well:     | KEG SHELL FEDERAL COM #705H  | Survey Calculation Method:   | Minimum Curvature                |
| Wellbore: | OWB                          |                              |                                  |
| Design:   | PWP2                         |                              |                                  |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |        |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 1,825.0               | 6.50            | 169.00      | 1,824.3               | -18.1        | 3.5          | 2.00                    | 2.00                   | 0.00                  | 169.00  |        |
| 3,343.9               | 6.50            | 169.00      | 3,333.4               | -186.9       | 36.3         | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 3,993.9               | 0.00            | 0.00        | 3,982.0               | -223.0       | 43.3         | 1.00                    | -1.00                  | 0.00                  | 180.00  |        |
| 9,147.4               | 0.00            | 0.00        | 9,135.5               | -223.0       | 43.3         | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 9,895.3               | 89.75           | 359.88      | 9,613.0               | 252.4        | 42.3         | 12.00                   | 12.00                  | -0.02                 | 359.88  |        |
| 21,652.6              | 89.75           | 359.88      | 9,664.0               | 12,009.6     | 17.2         | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 21,782.7              | 89.75           | 359.88      | 9,664.6               | 12,139.7     | 16.9         | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

| 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                  |
| Start Build 2.00               |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,600.0                        | 2.00            | 169.00      | 1,600.0               | -1.7         | 0.3          | -1.7                    | 2.00                    | 2.00                   | 0.00                  |
| 1,700.0                        | 4.00            | 169.00      | 1,699.8               | -6.9         | 1.3          | -6.8                    | 2.00                    | 2.00                   | 0.00                  |
| 1,800.0                        | 6.00            | 169.00      | 1,799.5               | -15.4        | 3.0          | -15.4                   | 2.00                    | 2.00                   | 0.00                  |
| 1,825.0                        | 6.50            | 169.00      | 1,824.3               | -18.1        | 3.5          | -18.1                   | 2.00                    | 2.00                   | 0.00                  |
| Start 1518.9 hold at 1825.0 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,900.0                        | 6.50            | 169.00      | 1,898.8               | -26.4        | 5.1          | -26.4                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0                        | 6.50            | 169.00      | 1,998.2               | -37.5        | 7.3          | -37.5                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0                        | 6.50            | 169.00      | 2,097.5               | -48.6        | 9.5          | -48.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0                        | 6.50            | 169.00      | 2,196.9               | -59.7        | 11.6         | -59.7                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0                        | 6.50            | 169.00      | 2,296.2               | -70.9        | 13.8         | -70.8                   | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0                        | 6.50            | 169.00      | 2,395.6               | -82.0        | 15.9         | -82.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0                        | 6.50            | 169.00      | 2,495.0               | -93.1        | 18.1         | -93.1                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0                        | 6.50            | 169.00      | 2,594.3               | -104.2       | 20.3         | -104.2                  | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                        | 6.50            | 169.00      | 2,693.7               | -115.3       | 22.4         | -115.3                  | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                        | 6.50            | 169.00      | 2,793.0               | -126.4       | 24.6         | -126.4                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                        | 6.50            | 169.00      | 2,892.4               | -137.5       | 26.7         | -137.5                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                        | 6.50            | 169.00      | 2,991.8               | -148.6       | 28.9         | -148.6                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                        | 6.50            | 169.00      | 3,091.1               | -159.8       | 31.1         | -159.7                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0                        | 6.50            | 169.00      | 3,190.5               | -170.9       | 33.2         | -170.8                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0                        | 6.50            | 169.00      | 3,289.8               | -182.0       | 35.4         | -181.9                  | 0.00                    | 0.00                   | 0.00                  |
| 3,343.9                        | 6.50            | 169.00      | 3,333.4               | -186.9       | 36.3         | -186.8                  | 0.00                    | 0.00                   | 0.00                  |
| Start Drop -1.00               |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,400.0                        | 5.94            | 169.00      | 3,389.2               | -192.8       | 37.5         | -192.8                  | 1.00                    | -1.00                  | 0.00                  |
| 3,500.0                        | 4.94            | 169.00      | 3,488.8               | -202.1       | 39.3         | -202.1                  | 1.00                    | -1.00                  | 0.00                  |
| 3,600.0                        | 3.94            | 169.00      | 3,588.5               | -209.7       | 40.8         | -209.7                  | 1.00                    | -1.00                  | 0.00                  |
| 3,700.0                        | 2.94            | 169.00      | 3,688.3               | -215.6       | 41.9         | -215.6                  | 1.00                    | -1.00                  | 0.00                  |
| 3,800.0                        | 1.94            | 169.00      | 3,788.2               | -219.8       | 42.7         | -219.7                  | 1.00                    | -1.00                  | 0.00                  |
| 3,900.0                        | 0.94            | 169.00      | 3,888.2               | -222.3       | 43.2         | -222.2                  | 1.00                    | -1.00                  | 0.00                  |
| 3,993.9                        | 0.00            | 0.00        | 3,982.0               | -223.0       | 43.3         | -223.0                  | 1.00                    | -1.00                  | 0.00                  |
| Start 5153.5 hold at 3993.9 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,000.0                        | 0.00            | 0.00        | 3,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0                        | 0.00            | 0.00        | 4,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0                        | 0.00            | 0.00        | 4,188.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                        | 0.00            | 0.00        | 4,288.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                        | 0.00            | 0.00        | 4,388.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                        | 0.00            | 0.00        | 4,488.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                        | 0.00            | 0.00        | 4,588.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

| 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) |
| 4,700.0                    | 0.00            | 0.00        | 4,688.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                    | 0.00            | 0.00        | 4,788.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                    | 0.00            | 0.00        | 4,888.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                    | 0.00            | 0.00        | 4,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                    | 0.00            | 0.00        | 5,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                    | 0.00            | 0.00        | 5,188.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                    | 0.00            | 0.00        | 5,288.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                    | 0.00            | 0.00        | 5,388.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                    | 0.00            | 0.00        | 5,488.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0                    | 0.00            | 0.00        | 5,588.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0                    | 0.00            | 0.00        | 5,688.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0                    | 0.00            | 0.00        | 5,788.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                    | 0.00            | 0.00        | 5,888.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0                    | 0.00            | 0.00        | 5,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                    | 0.00            | 0.00        | 6,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                    | 0.00            | 0.00        | 6,188.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                    | 0.00            | 0.00        | 6,288.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                    | 0.00            | 0.00        | 6,388.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                    | 0.00            | 0.00        | 6,488.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                    | 0.00            | 0.00        | 6,588.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                    | 0.00            | 0.00        | 6,688.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                    | 0.00            | 0.00        | 6,788.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                    | 0.00            | 0.00        | 6,888.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                    | 0.00            | 0.00        | 6,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                    | 0.00            | 0.00        | 7,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                    | 0.00            | 0.00        | 7,188.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                    | 0.00            | 0.00        | 7,288.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                    | 0.00            | 0.00        | 7,388.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                    | 0.00            | 0.00        | 7,488.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                    | 0.00            | 0.00        | 7,588.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                    | 0.00            | 0.00        | 7,688.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0                    | 0.00            | 0.00        | 7,788.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0                    | 0.00            | 0.00        | 7,888.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                    | 0.00            | 0.00        | 7,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                    | 0.00            | 0.00        | 8,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                    | 0.00            | 0.00        | 8,188.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                    | 0.00            | 0.00        | 8,288.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                    | 0.00            | 0.00        | 8,388.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0                    | 0.00            | 0.00        | 8,488.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0                    | 0.00            | 0.00        | 8,588.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0                    | 0.00            | 0.00        | 8,688.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0                    | 0.00            | 0.00        | 8,788.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0                    | 0.00            | 0.00        | 8,888.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,000.0                    | 0.00            | 0.00        | 8,988.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,100.0                    | 0.00            | 0.00        | 9,088.1               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| 9,147.4                    | 0.00            | 0.00        | 9,135.5               | -223.0       | 43.3         | -223.0                  | 0.00                    | 0.00                   | 0.00                  |
| Start DLS 12.00 TFO 359.88 |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,200.0                    | 6.32            | 359.88      | 9,188.0               | -220.1       | 43.3         | -220.1                  | 12.00                   | 12.00                  | 0.00                  |
| 9,300.0                    | 18.32           | 359.88      | 9,285.6               | -198.8       | 43.3         | -198.8                  | 12.00                   | 12.00                  | 0.00                  |
| 9,400.0                    | 30.32           | 359.88      | 9,376.5               | -157.7       | 43.2         | -157.7                  | 12.00                   | 12.00                  | 0.00                  |
| 9,500.0                    | 42.32           | 359.88      | 9,456.9               | -98.6        | 43.1         | -98.5                   | 12.00                   | 12.00                  | 0.00                  |
| 9,600.0                    | 54.32           | 359.88      | 9,523.3               | -24.0        | 42.9         | -24.0                   | 12.00                   | 12.00                  | 0.00                  |
| 9,700.0                    | 66.32           | 359.88      | 9,572.8               | 62.7         | 42.7         | 62.7                    | 12.00                   | 12.00                  | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

| 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) |
| 9,800.0                         | 78.32           | 359.88      | 9,603.1               | 157.8        | 42.5         | 157.8                   | 12.00                   | 12.00                  | 0.00                  |
| 9,895.3                         | 89.75           | 359.88      | 9,613.0               | 252.4        | 42.3         | 252.4                   | 12.00                   | 12.00                  | 0.00                  |
| Start 11757.4 hold at 9895.3 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,900.0                         | 89.75           | 359.88      | 9,613.0               | 257.1        | 42.3         | 257.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0                        | 89.75           | 359.88      | 9,613.4               | 357.1        | 42.1         | 357.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0                        | 89.75           | 359.88      | 9,613.8               | 457.1        | 41.9         | 457.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0                        | 89.75           | 359.88      | 9,614.3               | 557.1        | 41.7         | 557.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0                        | 89.75           | 359.88      | 9,614.7               | 657.1        | 41.5         | 657.2                   | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0                        | 89.75           | 359.88      | 9,615.2               | 757.1        | 41.3         | 757.1                   | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0                        | 89.75           | 359.88      | 9,615.6               | 857.1        | 41.0         | 857.1                   | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0                        | 89.75           | 359.88      | 9,616.0               | 957.1        | 40.8         | 957.1                   | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0                        | 89.75           | 359.88      | 9,616.5               | 1,057.1      | 40.6         | 1,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0                        | 89.75           | 359.88      | 9,616.9               | 1,157.1      | 40.4         | 1,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0                        | 89.75           | 359.88      | 9,617.3               | 1,257.1      | 40.2         | 1,257.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0                        | 89.75           | 359.88      | 9,617.8               | 1,357.1      | 40.0         | 1,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0                        | 89.75           | 359.88      | 9,618.2               | 1,457.1      | 39.8         | 1,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0                        | 89.75           | 359.88      | 9,618.6               | 1,557.1      | 39.5         | 1,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0                        | 89.75           | 359.88      | 9,619.1               | 1,657.1      | 39.3         | 1,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0                        | 89.75           | 359.88      | 9,619.5               | 1,757.1      | 39.1         | 1,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0                        | 89.75           | 359.88      | 9,619.9               | 1,857.1      | 38.9         | 1,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0                        | 89.75           | 359.88      | 9,620.4               | 1,957.1      | 38.7         | 1,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0                        | 89.75           | 359.88      | 9,620.8               | 2,057.1      | 38.5         | 2,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0                        | 89.75           | 359.88      | 9,621.2               | 2,157.1      | 38.3         | 2,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0                        | 89.75           | 359.88      | 9,621.7               | 2,257.1      | 38.0         | 2,257.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0                        | 89.75           | 359.88      | 9,622.1               | 2,357.1      | 37.8         | 2,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0                        | 89.75           | 359.88      | 9,622.5               | 2,457.1      | 37.6         | 2,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0                        | 89.75           | 359.88      | 9,623.0               | 2,557.1      | 37.4         | 2,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0                        | 89.75           | 359.88      | 9,623.4               | 2,657.1      | 37.2         | 2,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0                        | 89.75           | 359.88      | 9,623.8               | 2,757.1      | 37.0         | 2,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0                        | 89.75           | 359.88      | 9,624.3               | 2,857.1      | 36.8         | 2,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0                        | 89.75           | 359.88      | 9,624.7               | 2,957.1      | 36.6         | 2,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0                        | 89.75           | 359.88      | 9,625.1               | 3,057.1      | 36.3         | 3,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0                        | 89.75           | 359.88      | 9,625.6               | 3,157.1      | 36.1         | 3,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0                        | 89.75           | 359.88      | 9,626.0               | 3,257.1      | 35.9         | 3,257.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0                        | 89.75           | 359.88      | 9,626.4               | 3,357.1      | 35.7         | 3,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0                        | 89.75           | 359.88      | 9,626.9               | 3,457.1      | 35.5         | 3,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0                        | 89.75           | 359.88      | 9,627.3               | 3,557.1      | 35.3         | 3,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0                        | 89.75           | 359.88      | 9,627.7               | 3,657.1      | 35.1         | 3,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0                        | 89.75           | 359.88      | 9,628.2               | 3,757.1      | 34.8         | 3,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0                        | 89.75           | 359.88      | 9,628.6               | 3,857.1      | 34.6         | 3,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0                        | 89.75           | 359.88      | 9,629.0               | 3,957.1      | 34.4         | 3,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0                        | 89.75           | 359.88      | 9,629.5               | 4,057.1      | 34.2         | 4,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0                        | 89.75           | 359.88      | 9,629.9               | 4,157.1      | 34.0         | 4,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0                        | 89.75           | 359.88      | 9,630.3               | 4,257.1      | 33.8         | 4,257.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0                        | 89.75           | 359.88      | 9,630.8               | 4,357.1      | 33.6         | 4,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0                        | 89.75           | 359.88      | 9,631.2               | 4,457.0      | 33.3         | 4,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0                        | 89.75           | 359.88      | 9,631.6               | 4,557.0      | 33.1         | 4,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0                        | 89.75           | 359.88      | 9,632.1               | 4,657.0      | 32.9         | 4,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0                        | 89.75           | 359.88      | 9,632.5               | 4,757.0      | 32.7         | 4,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0                        | 89.75           | 359.88      | 9,632.9               | 4,857.0      | 32.5         | 4,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0                        | 89.75           | 359.88      | 9,633.4               | 4,957.0      | 32.3         | 4,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0                        | 89.75           | 359.88      | 9,633.8               | 5,057.0      | 32.1         | 5,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0                        | 89.75           | 359.88      | 9,634.3               | 5,157.0      | 31.8         | 5,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0                        | 89.75           | 359.88      | 9,634.7               | 5,257.0      | 31.6         | 5,257.1                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

| 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) |
| 15,000.0              | 89.75           | 359.88      | 9,635.1               | 5,357.0      | 31.4         | 5,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 89.75           | 359.88      | 9,635.6               | 5,457.0      | 31.2         | 5,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 89.75           | 359.88      | 9,636.0               | 5,557.0      | 31.0         | 5,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 89.75           | 359.88      | 9,636.4               | 5,657.0      | 30.8         | 5,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 89.75           | 359.88      | 9,636.9               | 5,757.0      | 30.6         | 5,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 89.75           | 359.88      | 9,637.3               | 5,857.0      | 30.4         | 5,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 89.75           | 359.88      | 9,637.7               | 5,957.0      | 30.1         | 5,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 89.75           | 359.88      | 9,638.2               | 6,057.0      | 29.9         | 6,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 89.75           | 359.88      | 9,638.6               | 6,157.0      | 29.7         | 6,157.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 89.75           | 359.88      | 9,639.0               | 6,257.0      | 29.5         | 6,257.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 89.75           | 359.88      | 9,639.5               | 6,357.0      | 29.3         | 6,357.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 89.75           | 359.88      | 9,639.9               | 6,457.0      | 29.1         | 6,457.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 89.75           | 359.88      | 9,640.3               | 6,557.0      | 28.9         | 6,557.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 89.75           | 359.88      | 9,640.8               | 6,657.0      | 28.6         | 6,657.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 89.75           | 359.88      | 9,641.2               | 6,757.0      | 28.4         | 6,757.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 89.75           | 359.88      | 9,641.6               | 6,857.0      | 28.2         | 6,857.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 89.75           | 359.88      | 9,642.1               | 6,957.0      | 28.0         | 6,957.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 89.75           | 359.88      | 9,642.5               | 7,057.0      | 27.8         | 7,057.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 89.75           | 359.88      | 9,642.9               | 7,157.0      | 27.6         | 7,157.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 89.75           | 359.88      | 9,643.4               | 7,257.0      | 27.4         | 7,257.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 89.75           | 359.88      | 9,643.8               | 7,357.0      | 27.1         | 7,357.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 89.75           | 359.88      | 9,644.2               | 7,457.0      | 26.9         | 7,457.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 89.75           | 359.88      | 9,644.7               | 7,557.0      | 26.7         | 7,557.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 89.75           | 359.88      | 9,645.1               | 7,657.0      | 26.5         | 7,657.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 89.75           | 359.88      | 9,645.5               | 7,757.0      | 26.3         | 7,757.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 89.75           | 359.88      | 9,646.0               | 7,857.0      | 26.1         | 7,857.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 89.75           | 359.88      | 9,646.4               | 7,957.0      | 25.9         | 7,957.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 89.75           | 359.88      | 9,646.8               | 8,057.0      | 25.6         | 8,057.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 89.75           | 359.88      | 9,647.3               | 8,157.0      | 25.4         | 8,157.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 89.75           | 359.88      | 9,647.7               | 8,257.0      | 25.2         | 8,257.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 89.75           | 359.88      | 9,648.1               | 8,357.0      | 25.0         | 8,357.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 89.75           | 359.88      | 9,648.6               | 8,457.0      | 24.8         | 8,457.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 89.75           | 359.88      | 9,649.0               | 8,557.0      | 24.6         | 8,557.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 89.75           | 359.88      | 9,649.4               | 8,657.0      | 24.4         | 8,657.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 89.75           | 359.88      | 9,649.9               | 8,757.0      | 24.2         | 8,757.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 89.75           | 359.88      | 9,650.3               | 8,857.0      | 23.9         | 8,857.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 89.75           | 359.88      | 9,650.7               | 8,957.0      | 23.7         | 8,957.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 89.75           | 359.88      | 9,651.2               | 9,057.0      | 23.5         | 9,057.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,800.0              | 89.75           | 359.88      | 9,651.6               | 9,157.0      | 23.3         | 9,157.0                 | 0.00                    | 0.00                   | 0.00                  |
| 18,900.0              | 89.75           | 359.88      | 9,652.1               | 9,257.0      | 23.1         | 9,257.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,000.0              | 89.75           | 359.88      | 9,652.5               | 9,357.0      | 22.9         | 9,357.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,100.0              | 89.75           | 359.88      | 9,652.9               | 9,457.0      | 22.7         | 9,457.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,200.0              | 89.75           | 359.88      | 9,653.4               | 9,557.0      | 22.4         | 9,557.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,300.0              | 89.75           | 359.88      | 9,653.8               | 9,657.0      | 22.2         | 9,657.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,400.0              | 89.75           | 359.88      | 9,654.2               | 9,757.0      | 22.0         | 9,757.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,500.0              | 89.75           | 359.88      | 9,654.7               | 9,857.0      | 21.8         | 9,857.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,600.0              | 89.75           | 359.88      | 9,655.1               | 9,957.0      | 21.6         | 9,957.0                 | 0.00                    | 0.00                   | 0.00                  |
| 19,700.0              | 89.75           | 359.88      | 9,655.5               | 10,057.0     | 21.4         | 10,057.0                | 0.00                    | 0.00                   | 0.00                  |
| 19,800.0              | 89.75           | 359.88      | 9,656.0               | 10,157.0     | 21.2         | 10,157.0                | 0.00                    | 0.00                   | 0.00                  |
| 19,900.0              | 89.75           | 359.88      | 9,656.4               | 10,257.0     | 20.9         | 10,257.0                | 0.00                    | 0.00                   | 0.00                  |
| 20,000.0              | 89.75           | 359.88      | 9,656.8               | 10,357.0     | 20.7         | 10,357.0                | 0.00                    | 0.00                   | 0.00                  |
| 20,100.0              | 89.75           | 359.88      | 9,657.3               | 10,457.0     | 20.5         | 10,457.0                | 0.00                    | 0.00                   | 0.00                  |
| 20,200.0              | 89.75           | 359.88      | 9,657.7               | 10,557.0     | 20.3         | 10,557.0                | 0.00                    | 0.00                   | 0.00                  |
| 20,300.0              | 89.75           | 359.88      | 9,658.1               | 10,657.0     | 20.1         | 10,657.0                | 0.00                    | 0.00                   | 0.00                  |



## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

| Planned Survey                 |                 |             |                       |              |              |                         |                         |                        |                       |  |
|--------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)          | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 20,400.0                       | 89.75           | 359.88      | 9,658.6               | 10,757.0     | 19.9         | 10,757.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 20,500.0                       | 89.75           | 359.88      | 9,659.0               | 10,857.0     | 19.7         | 10,857.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 20,600.0                       | 89.75           | 359.88      | 9,659.4               | 10,957.0     | 19.5         | 10,957.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 20,700.0                       | 89.75           | 359.88      | 9,659.9               | 11,057.0     | 19.2         | 11,057.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 20,800.0                       | 89.75           | 359.88      | 9,660.3               | 11,157.0     | 19.0         | 11,157.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 20,900.0                       | 89.75           | 359.88      | 9,660.7               | 11,257.0     | 18.8         | 11,257.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,000.0                       | 89.75           | 359.88      | 9,661.2               | 11,357.0     | 18.6         | 11,357.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,100.0                       | 89.75           | 359.88      | 9,661.6               | 11,457.0     | 18.4         | 11,457.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,200.0                       | 89.75           | 359.88      | 9,662.0               | 11,557.0     | 18.2         | 11,557.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,300.0                       | 89.75           | 359.88      | 9,662.5               | 11,657.0     | 18.0         | 11,657.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,400.0                       | 89.75           | 359.88      | 9,662.9               | 11,757.0     | 17.7         | 11,757.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,500.0                       | 89.75           | 359.88      | 9,663.3               | 11,857.0     | 17.5         | 11,857.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,600.0                       | 89.75           | 359.88      | 9,663.8               | 11,957.0     | 17.3         | 11,957.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,652.6                       | 89.75           | 359.88      | 9,664.0               | 12,009.6     | 17.2         | 12,009.6                | 0.00                    | 0.00                   | 0.00                  |  |
| Start 130.1 hold at 21652.6 MD |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 21,700.0                       | 89.75           | 359.88      | 9,664.2               | 12,057.0     | 17.1         | 12,057.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 21,782.7                       | 89.75           | 359.88      | 9,664.6               | 12,139.7     | 16.9         | 12,139.7                | 0.00                    | 0.00                   | 0.00                  |  |
| TD at 21782.7                  |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Targets                                                                           |               |              |            |              |              |                 |                |                 |                  |  |
|------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|------------------|--|
| Target Name                                                                              | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude        | Longitude        |  |
| (705H)TNGNT LIMITER                                                                      | 6.50          | 349.00       | 3,333.0    | -186.0       | 36.0         | 364,068.40      | 584,177.40     | 32° 0' 2.329 N  | 104° 3' 42.434 W |  |
| - plan misses target center by 0.9usft at 3343.4usft MD (3332.9 TVD, -186.8 N, 36.3 E)   |               |              |            |              |              |                 |                |                 |                  |  |
| - Rectangle (sides W50.0 H30.0 D1,500.0)                                                 |               |              |            |              |              |                 |                |                 |                  |  |
| (705H) KOP BOX: 50' N                                                                    | 0.00          | 179.86       | 9,009.6    | -219.0       | 46.0         | 364,035.40      | 584,187.40     | 32° 0' 2.002 N  | 104° 3' 42.319 W |  |
| - plan misses target center by 4.8usft at 9021.5usft MD (9009.6 TVD, -223.0 N, 43.3 E)   |               |              |            |              |              |                 |                |                 |                  |  |
| - Rectangle (sides W80.0 H50.0 D4,106.3)                                                 |               |              |            |              |              |                 |                |                 |                  |  |
| FTP (KEG SHELL FED C                                                                     | 0.00          | 0.01         | 9,613.0    | -129.8       | 40.3         | 364,124.60      | 584,181.70     | 32° 0' 2.885 N  | 104° 3' 42.382 W |  |
| - plan misses target center by 135.7usft at 9580.6usft MD (9511.7 TVD, -39.6 N, 43.0 E)  |               |              |            |              |              |                 |                |                 |                  |  |
| - Circle (radius 50.0)                                                                   |               |              |            |              |              |                 |                |                 |                  |  |
| PPP2 (KEG SHELL 705I                                                                     | 0.00          | 0.00         | 9,618.0    | 1,756.4      | 36.8         | 366,010.80      | 584,178.20     | 32° 0' 21.552 N | 104° 3' 42.368 W |  |
| - plan misses target center by 2.8usft at 11399.3usft MD (9619.5 TVD, 1756.4 N, 39.1 E)  |               |              |            |              |              |                 |                |                 |                  |  |
| - Point                                                                                  |               |              |            |              |              |                 |                |                 |                  |  |
| PPP3 (KEG SHELL 705I                                                                     | 0.00          | 0.00         | 9,645.0    | 7,056.9      | 26.7         | 371,311.30      | 584,168.10     | 32° 1' 14.009 N | 104° 3' 42.331 W |  |
| - plan misses target center by 2.7usft at 16699.9usft MD (9642.5 TVD, 7056.9 N, 27.8 E)  |               |              |            |              |              |                 |                |                 |                  |  |
| - Point                                                                                  |               |              |            |              |              |                 |                |                 |                  |  |
| PPP4 (KEG SHELL 705I                                                                     | 0.00          | 0.00         | 9,652.0    | 9,727.4      | 21.6         | 373,981.80      | 584,163.00     | 32° 1' 40.438 N | 104° 3' 42.312 W |  |
| - plan misses target center by 2.1usft at 19370.4usft MD (9654.1 TVD, 9727.4 N, 22.1 E)  |               |              |            |              |              |                 |                |                 |                  |  |
| - Point                                                                                  |               |              |            |              |              |                 |                |                 |                  |  |
| LTP (KEG SHELL FED C                                                                     | 90.00         | 359.86       | 9,664.0    | 12,009.6     | 17.2         | 376,264.00      | 584,158.60     | 32° 2' 3.024 N  | 104° 3' 42.296 W |  |
| - plan hits target center                                                                |               |              |            |              |              |                 |                |                 |                  |  |
| - Circle (radius 50.0)                                                                   |               |              |            |              |              |                 |                |                 |                  |  |
| PBHL (KEG SHELL FED                                                                      | -0.25         | 179.88       | 9,664.0    | 12,139.7     | 17.0         | 376,394.10      | 584,158.40     | 32° 2' 4.312 N  | 104° 3' 42.295 W |  |
| - plan misses target center by 0.6usft at 21782.7usft MD (9664.6 TVD, 12139.7 N, 16.9 E) |               |              |            |              |              |                 |                |                 |                  |  |
| - Rectangle (sides W100.0 H12,139.7 D20.0)                                               |               |              |            |              |              |                 |                |                 |                  |  |

## ConocoPhillips

## Planning Report

|                  |                              |                                     |                                  |
|------------------|------------------------------|-------------------------------------|----------------------------------|
| <b>Database:</b> | EDT 17 Central Planning Prod | <b>Local Co-ordinate Reference:</b> | Well KEG SHELL FEDERAL COM #705H |
| <b>Company:</b>  | DELAWARE BASIN WEST          | <b>TVD Reference:</b>               | KB=32 @ 3061.9usft               |
| <b>Project:</b>  | ATLAS PROSPECT (NM-E)        | <b>MD Reference:</b>                | KB=32 @ 3061.9usft               |
| <b>Site:</b>     | KEG SHELL FED COM PROJECT    | <b>North Reference:</b>             | Grid                             |
| <b>Well:</b>     | KEG SHELL FEDERAL COM #705H  | <b>Survey Calculation Method:</b>   | Minimum Curvature                |
| <b>Wellbore:</b> | OWB                          |                                     |                                  |
| <b>Design:</b>   | PWP2                         |                                     |                                  |

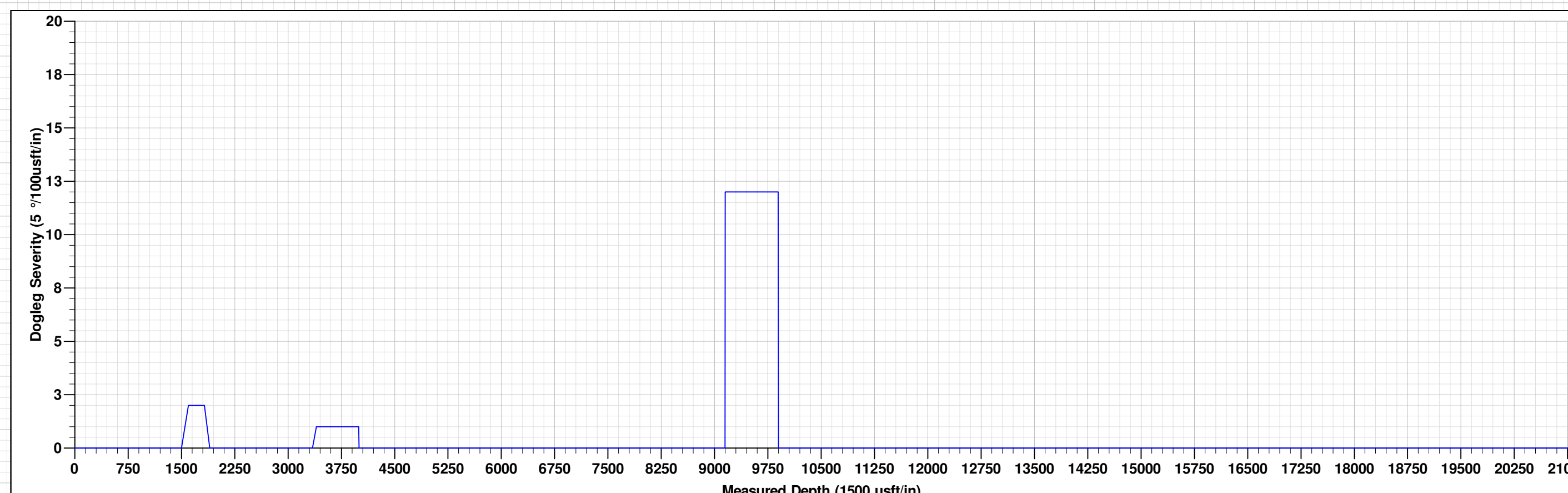
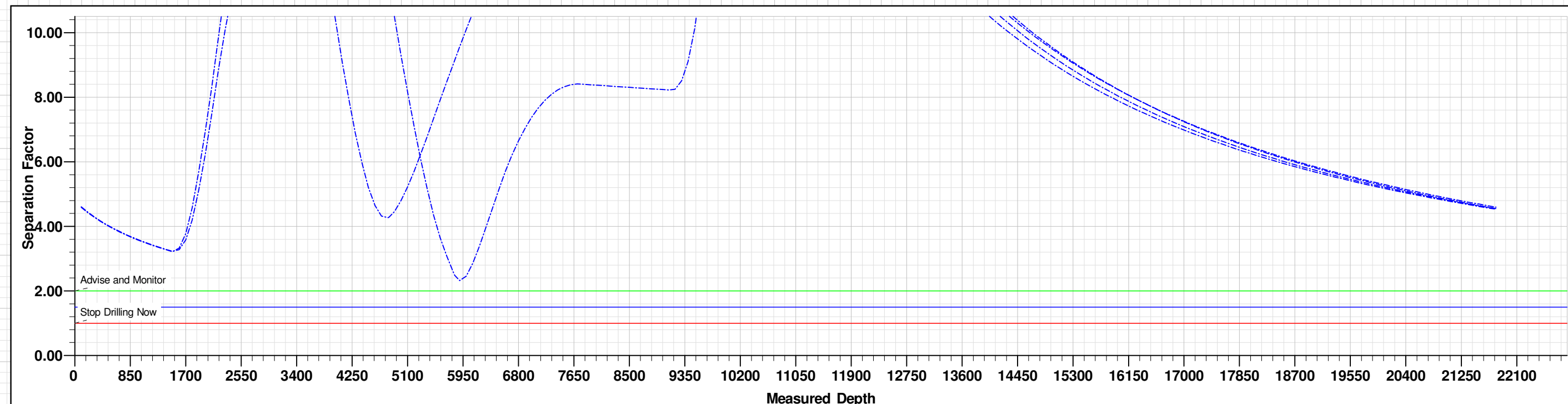
| Casing Points         |                       |                          |                     |                   |  |
|-----------------------|-----------------------|--------------------------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name                     | Casing Diameter (") | Hole Diameter (") |  |
| 21,783.3              | 9,664.6               | 5-1/2" Production Casing | 5-1/2               | 6-3/4             |  |

| Plan Annotations      |                       |                   |              |                                 |  |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                                 |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                         |  |
| 1,500.0               | 1,500.0               | 0.0               | 0.0          | Start Build 2.00                |  |
| 1,825.0               | 1,824.3               | -18.1             | 3.5          | Start 1518.9 hold at 1825.0 MD  |  |
| 3,343.9               | 3,333.4               | -186.9            | 36.3         | Start Drop -1.00                |  |
| 3,993.9               | 3,982.0               | -223.0            | 43.3         | Start 5153.5 hold at 3993.9 MD  |  |
| 9,147.4               | 9,135.5               | -223.0            | 43.3         | Start DLS 12.00 TFO 359.88      |  |
| 9,895.3               | 9,613.0               | 252.4             | 42.3         | Start 11757.4 hold at 9895.3 MD |  |
| 21,652.6              | 9,664.0               | 12,009.6          | 17.2         | Start 130.1 hold at 21652.6 MD  |  |
| 21,782.7              | 9,664.6               | 12,139.7          | 16.9         | TD at 21782.7                   |  |

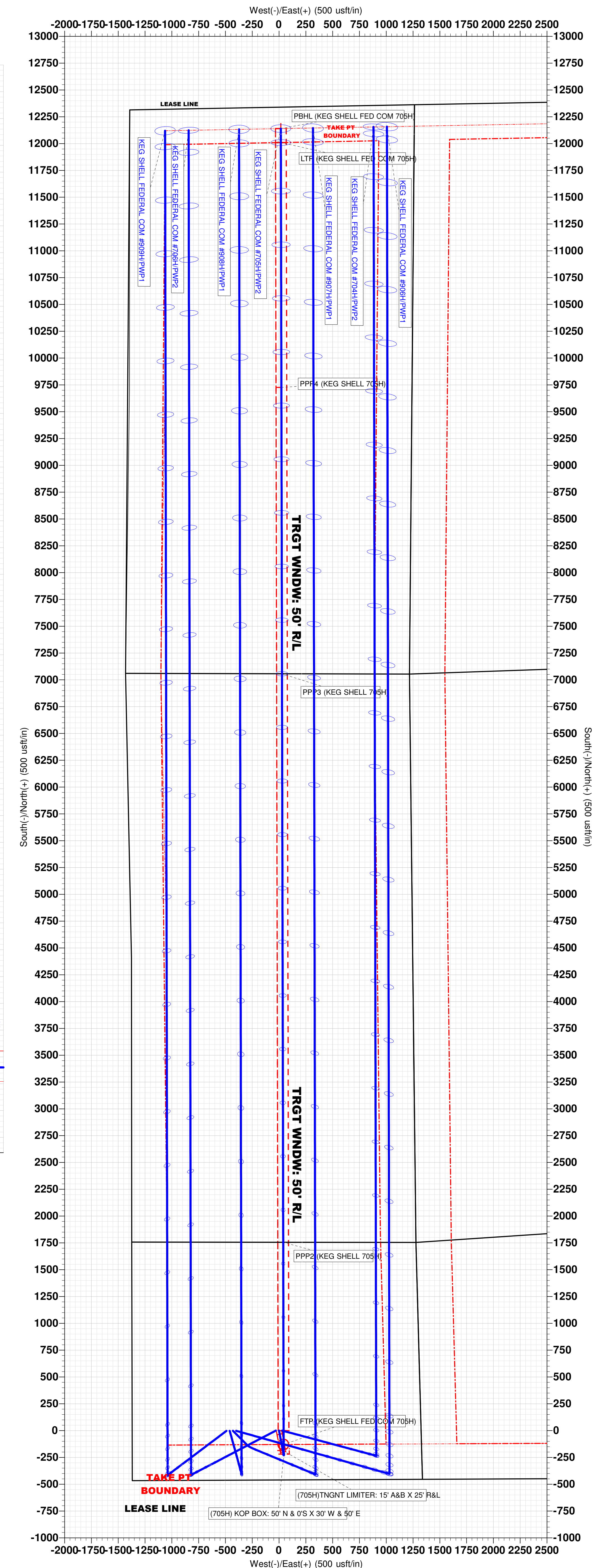
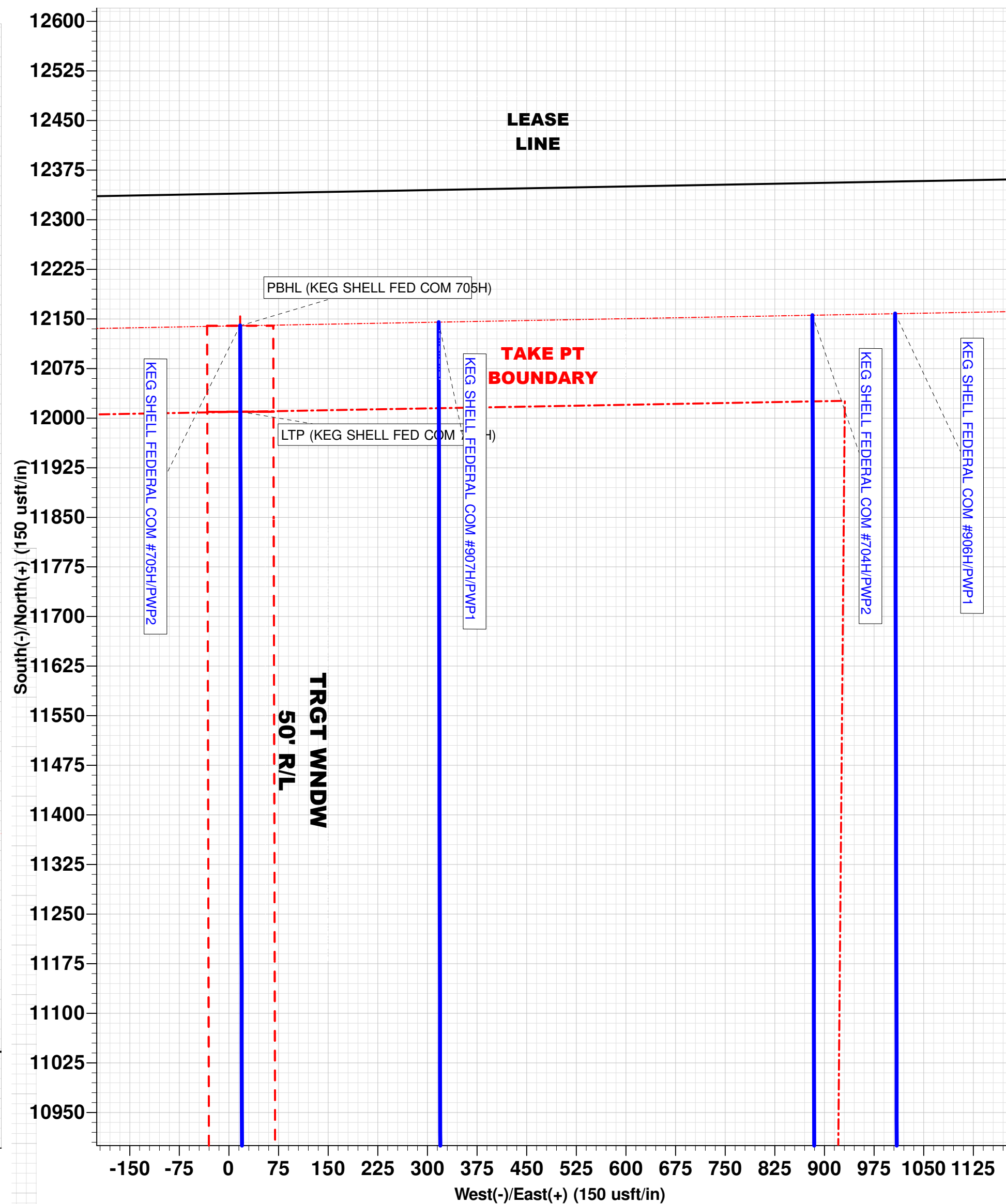
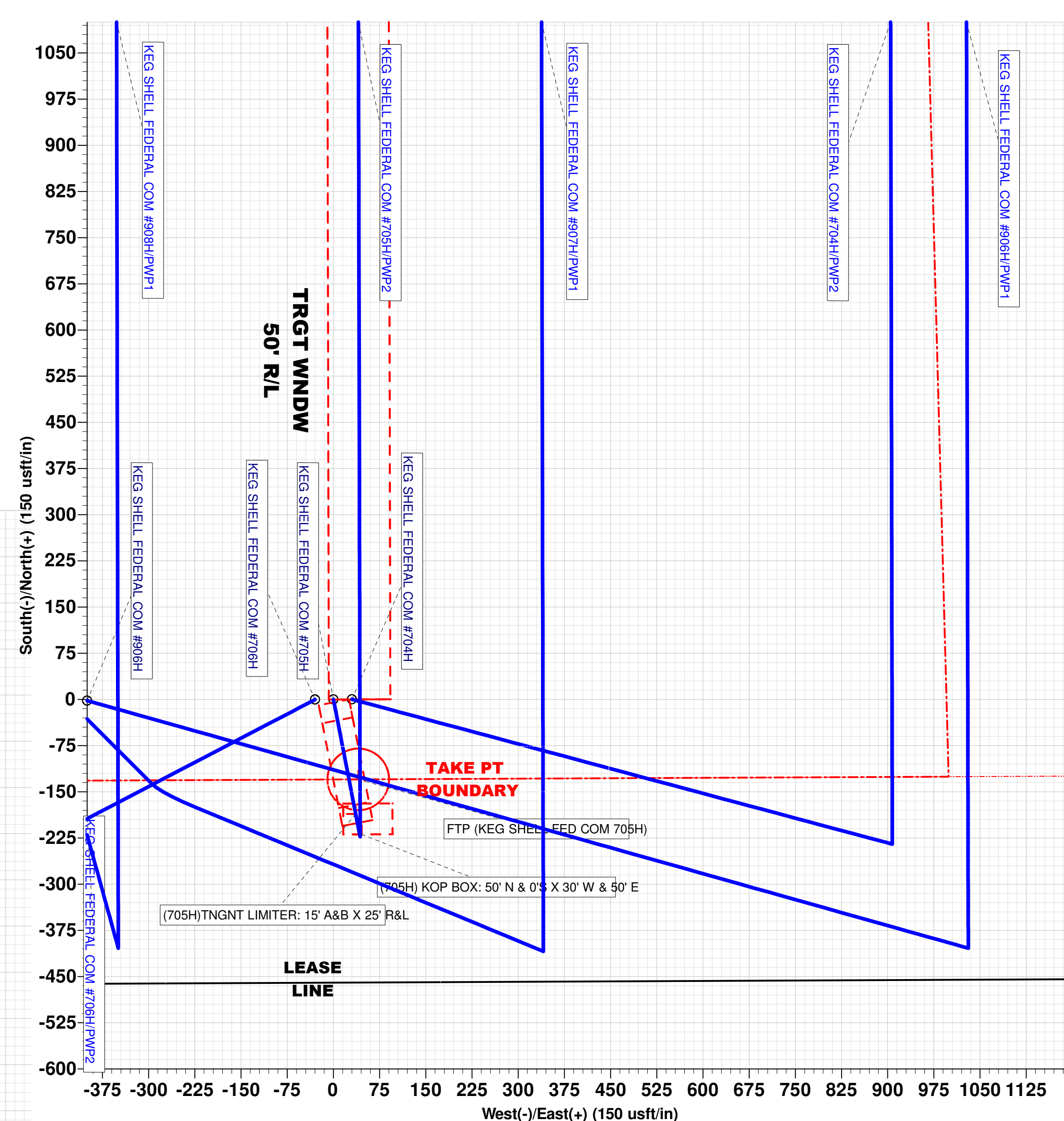
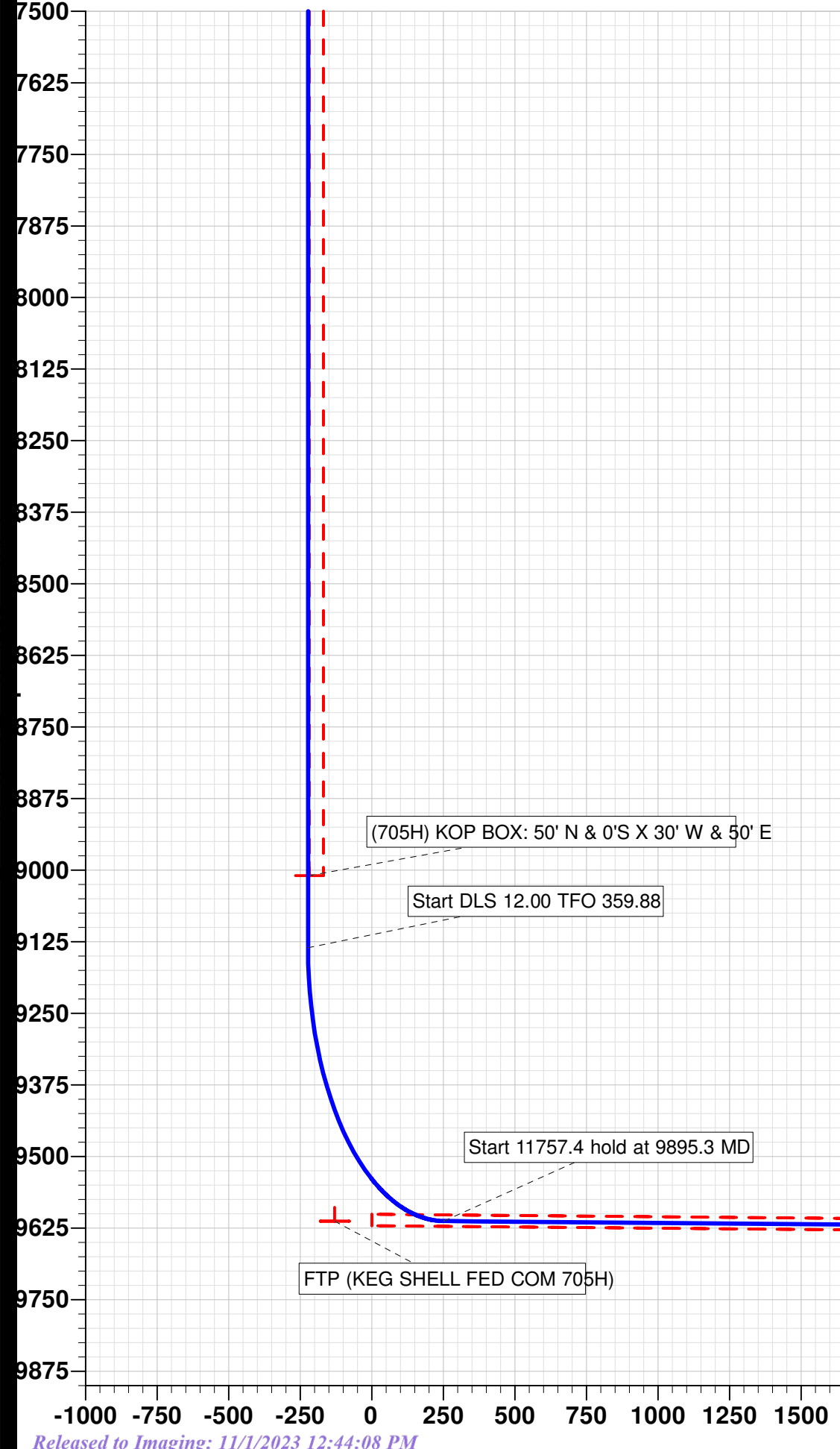
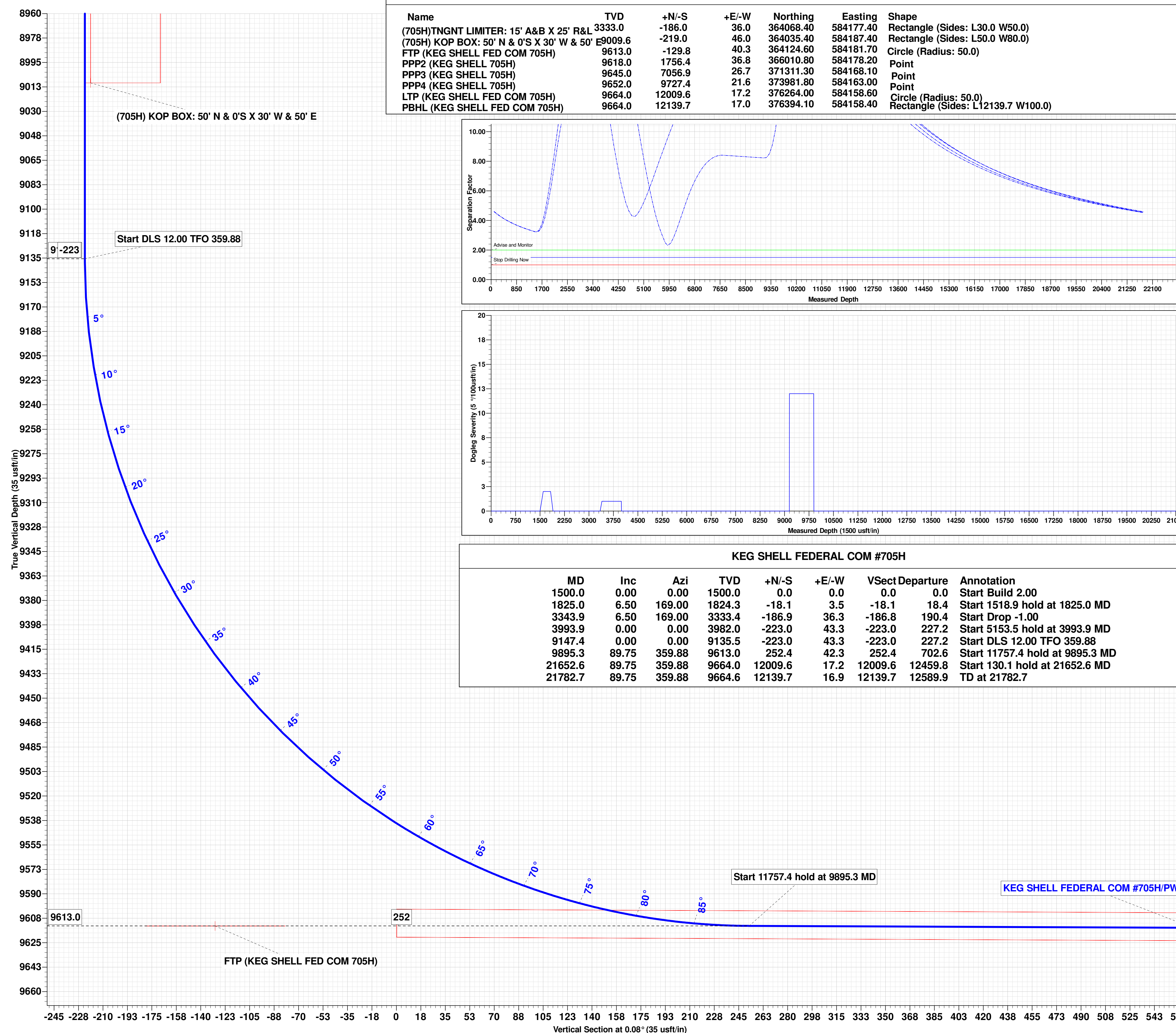
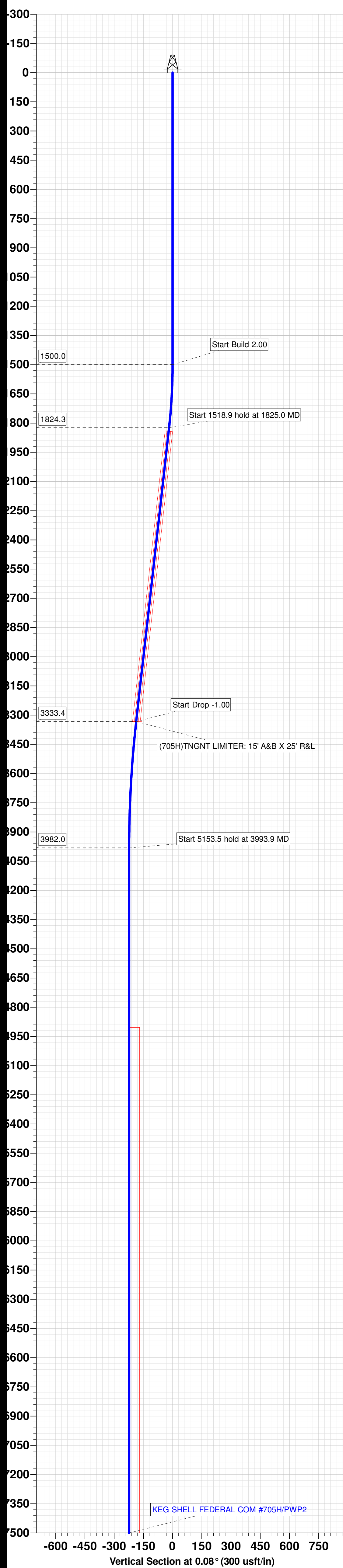


| WELL DETAILS: KEG SHELL FEDERAL COM #705H |       |           |           |                |                  |
|-------------------------------------------|-------|-----------|-----------|----------------|------------------|
| +N/-S                                     | +E/-W | Northing  | Easting   | Latitude       | Longitude        |
| 0.0                                       | 0.0   | 364254.40 | 584141.40 | 32° 0' 4.171 N | 104° 3' 42.847 W |

| DESIGN TARGET DETAILS                       |        |         |       |           |           |
|---------------------------------------------|--------|---------|-------|-----------|-----------|
| Name                                        | TVD    | +N/-S   | +E/-W | Northing  | Easting   |
| (705H) TNGNT LIMITER: 15' A&B X 25' R&L     | 3333.0 | -186.0  | 36.0  | 364068.40 | 584177.40 |
| (705H) KOP BOX: 50' N & 0'S X 30' W & 50' E | 9009.6 | -219.0  | 46.0  | 364035.40 | 584187.40 |
| FTP (KEG SHELL FED COM 705H)                | 9613.0 | -129.8  | 40.3  | 364124.60 | 584181.70 |
| PPP2 (KEG SHELL 705H)                       | 9618.0 | 1756.4  | 36.8  | 366010.80 | 584178.20 |
| PPP3 (KEG SHELL 705H)                       | 9645.0 | 7056.9  | 26.7  | 371311.30 | 584168.10 |
| PPP4 (KEG SHELL 705H)                       | 9652.0 | 9727.4  | 21.6  | 373981.80 | 584163.00 |
| LTP (KEG SHELL FED COM 705H)                | 9664.0 | 12009.6 | 17.2  | 376264.00 | 584158.60 |
| PBHL (KEG SHELL FED COM 705H)               | 9664.0 | 12139.7 | 17.0  | 376394.10 | 584158.40 |



| KEG SHELL FEDERAL COM #705H |       |        |        |         |       |         |           |
|-----------------------------|-------|--------|--------|---------|-------|---------|-----------|
| MD                          | Inc   | Azi    | TVD    | +N/-S   | +E/-W | Vsect   | Departure |
| 1500.0                      | 0.00  | 0.00   | 1500.0 | 0.0     | 0.0   | 0.0     | 0.0       |
| 1825.0                      | 6.50  | 169.00 | 1824.3 | -18.1   | 3.5   | -18.1   | 18.4      |
| 3343.9                      | 6.50  | 169.00 | 3333.4 | -186.9  | 36.3  | -186.8  | 190.4     |
| 3993.9                      | 0.00  | 0.00   | 3982.0 | -223.0  | 43.3  | -223.0  | 227.2     |
| 9147.4                      | 0.00  | 0.00   | 9135.5 | -223.0  | 43.3  | -223.0  | 227.2     |
| 9895.3                      | 89.75 | 359.88 | 9613.0 | 252.4   | 42.3  | 252.4   | 702.6     |
| 21652.6                     | 89.75 | 359.88 | 9664.0 | 12009.6 | 17.2  | 12009.6 | 2459.8    |
| 21782.7                     | 89.75 | 359.88 | 9664.6 | 12139.7 | 16.9  | 12139.7 | 12589.9   |





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

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

CONDITIONS  
  
Action 240843

CONDITIONS

|                                                                           |                                                      |
|---------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                     |
|                                                                           | Action Number:<br>240843                             |
|                                                                           | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By  | Condition                   | Condition Date |
|-------------|-----------------------------|----------------|
| ward.rikala | Original COA's still apply. | 11/1/2023      |