

|                                                    |                                                                               |                                            |
|----------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------|
| <b>Well Name:</b> PITCHBLENDE 24-25<br>FEDERAL COM | <b>Well Location:</b> T25S / R34E / SEC 24 /<br>NWE / 32.122612 / -103.420013 | <b>County or Parish/State:</b> LEA /<br>NM |
| <b>Well Number:</b> 604H                           | <b>Type of Well:</b> OIL WELL                                                 | <b>Allottee or Tribe Name:</b>             |
| <b>Lease Number:</b> NMNM122624                    | <b>Unit or CA Name:</b>                                                       | <b>Unit or CA Number:</b>                  |
| <b>US Well Number:</b> 3002553942                  | <b>Operator:</b> COG OPERATING LLC                                            |                                            |

Notice of Intent

**Sundry ID:** 2831863

|                                                       |                                     |
|-------------------------------------------------------|-------------------------------------|
| <b>Type of Submission:</b> Notice of Intent           | <b>Type of Action:</b> APD Change   |
| <b>Date Sundry Submitted:</b> 01/15/2025              | <b>Time Sundry Submitted:</b> 01:29 |
| <b>Date proposed operation will begin:</b> 01/15/2025 |                                     |

**Procedure Description:** COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL Changes: From: 50' FSL and 2010' FEL Section. 25. T25S. R34E. To: 50' FSL and 2178' FWL Section. 25. T25S. R34E. C102 Attached. Dedicated Acres: From: 640. To: 320. Drilling Changes: Drilling Program, Directional Plan, AC Report and Specs Attached.

NOI Attachments

Procedure Description

- Pitchblende\_24\_25\_Federal\_Com\_604H\_Directonal\_Plan\_20250115131934.pdf
- Pitchblende\_24\_25\_Federal\_Com\_604H\_Drilling\_Program\_01082025\_20250115131932.pdf
- Wedge\_513\_7.625\_0.375\_P110\_ICY\_10112023\_20250115131932.pdf
- Wedge\_513\_7.625\_0.375\_P110\_ICY\_01192024\_90rbw\_20250115131920.pdf
- 23\_5.5\_Wedge\_441\_P110\_CY\_20250115131920.pdf
- 23\_5.5\_TXP\_BTC\_P110\_CY\_20250115131920.pdf
- COG\_Pitchblende\_24\_25\_Federal\_Com\_604H\_New\_C102\_20250115131917.pdf
- Pitchblende\_24\_25\_Federal\_Com\_604H\_AC\_Report\_20250115131920.pdf
- API\_BTC\_10.750\_0.400\_J55\_Casing\_11092022\_20250115131920.pdf

Received by OCD: 5/21/2025 5:46:27 PM

Well Name: PITCHBLENDE 24-25  
FEDERAL COM

Well Location: T25S / R34E / SEC 24 /  
NWNE / 32.122612 / -103.420013

County or Parish/State: LEA /  
NM

Well Number: 604H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM122624

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002553942

Operator: COG OPERATING LLC

Conditions of Approval

Additional

PITCHBLENDE\_24\_25\_FED\_COM\_604H\_COAs\_20250509113521.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MAYTE REYES

Signed on: JAN 15, 2025 01:20 PM

Name: COG OPERATING LLC

Title: Regulatory Analyst

Street Address: 925 N ELDRIDGE PARKWAY

City: HOUSTONState: TX

Phone: (281) 293-1000

Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM

Field

Representative Name: Gerald Herrera

Street Address: 2208 West Main Street

City: ArtesiaState: NMZip: 88210

Phone: (575)748-6940

Email address: gerald.a.herrera@conocophillips.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 05/20/2025

Signature: Chris Walls

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

## WELL LOCATION INFORMATION

|                                                                                                                                                        |                                                      |                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| API Number<br><b>30-025-53942</b>                                                                                                                      | Pool Code<br><b>96340</b>                            | Pool Name<br><b>Fairview Mills; Bone Spring</b>                                                                                                        |
| Property Code                                                                                                                                          | Property Name<br><b>PITCHBLEND 24-25 FEDERAL COM</b> | Well Number<br><b>604H</b>                                                                                                                             |
| OGRID No.<br><b>229137</b>                                                                                                                             | Operator Name<br><b>COG OPERATING LLC</b>            | Ground Level Elevation<br><b>3353.3'</b>                                                                                                               |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |                                                      | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal |

## Surface Location

| UL       | Section   | Township    | Range       | Lot | Ft. from N/S   | Ft. from E/W    | Latitude           | Longitude           | County     |
|----------|-----------|-------------|-------------|-----|----------------|-----------------|--------------------|---------------------|------------|
| <b>B</b> | <b>24</b> | <b>25-S</b> | <b>34-E</b> |     | <b>210 FNL</b> | <b>1510 FEL</b> | <b>32.122612°N</b> | <b>103.420013°W</b> | <b>LEA</b> |

## Bottom Hole Location

| UL       | Section   | Township    | Range       | Lot | Ft. from N/S  | Ft. from E/W    | Latitude           | Longitude           | County     |
|----------|-----------|-------------|-------------|-----|---------------|-----------------|--------------------|---------------------|------------|
| <b>N</b> | <b>25</b> | <b>25-S</b> | <b>34-E</b> |     | <b>50 FSL</b> | <b>2178 FWL</b> | <b>32.094316°N</b> | <b>103.425162°W</b> | <b>LEA</b> |

|                               |                                            |                                          |                                                                                                               |                    |
|-------------------------------|--------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------|
| Dedicated Acres<br><b>320</b> | Infill or Defining Well<br><b>Defining</b> | Defining Well API<br><b>30-025-53942</b> | Overlapping Spacing Unit (Y/N)<br><b>N</b>                                                                    | Consolidation Code |
| Order Numbers.                |                                            |                                          | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                    |

## Kick Off Point (KOP)

| UL       | Section   | Township    | Range       | Lot | Ft. from N/S   | Ft. from E/W    | Latitude           | Longitude           | County     |
|----------|-----------|-------------|-------------|-----|----------------|-----------------|--------------------|---------------------|------------|
| <b>B</b> | <b>24</b> | <b>25-S</b> | <b>34-E</b> |     | <b>210 FNL</b> | <b>1510 FEL</b> | <b>32.122612°N</b> | <b>103.420013°W</b> | <b>LEA</b> |

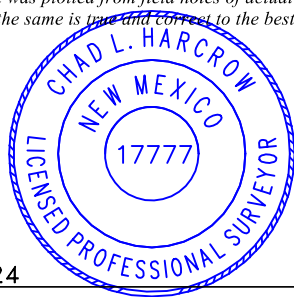
## First Take Point (FTP)

| UL       | Section   | Township    | Range       | Lot | Ft. from N/S   | Ft. from E/W    | Latitude           | Longitude           | County     |
|----------|-----------|-------------|-------------|-----|----------------|-----------------|--------------------|---------------------|------------|
| <b>C</b> | <b>24</b> | <b>25-S</b> | <b>34-E</b> |     | <b>100 FNL</b> | <b>2178 FWL</b> | <b>32.122920°N</b> | <b>103.425170°W</b> | <b>LEA</b> |

## Last Take Point (LTP)

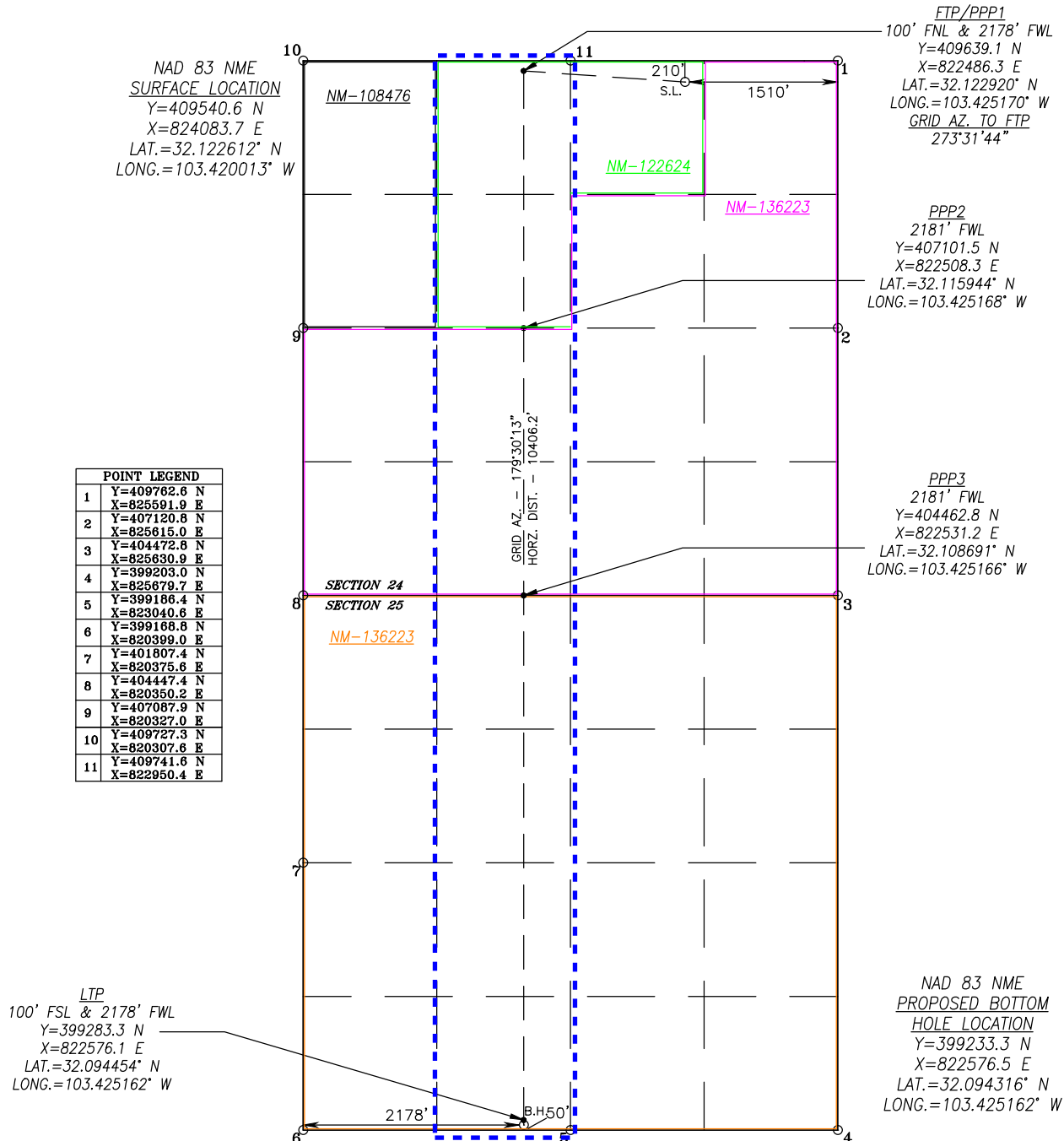
| UL       | Section   | Township    | Range       | Lot | Ft. from N/S   | Ft. from E/W    | Latitude           | Longitude           | County     |
|----------|-----------|-------------|-------------|-----|----------------|-----------------|--------------------|---------------------|------------|
| <b>N</b> | <b>25</b> | <b>25-S</b> | <b>34-E</b> |     | <b>100 FSL</b> | <b>2178 FWL</b> | <b>32.094454°N</b> | <b>103.425162°W</b> | <b>LEA</b> |

|                                                         |                                                                                                    |                                        |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------|
| Unitized Area or Area of Uniform Interest<br><b>COM</b> | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: <b>3353.3'</b> |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |                                                                                                                                                                                                                                                            |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i><br><br><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> |                                    | <b>SURVEYOR CERTIFICATIONS</b><br><br><i>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.</i> |                          |
| Signature<br><b>Mayte Reyes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Date<br><b>12/6/2024</b>           | Signature and Seal of Professional Surveyor<br><br><b>Chad Harcrow</b> 11/10/24                                                                                       |                          |
| Printed Name<br><b>Mayte Reyes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Certificate Number<br><b>17777</b> | Date of Survey<br><b>NOVEMBER 3, 2021</b>                                                                                                                                                                                                                  |                          |
| Email Address<br><b>mayte.x.reyes@cop.com</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                    | W.O.#24-1087                                                                                                                                                                                                                                               | DRAWN BY: WN PAGE 1 OF 2 |

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

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



# **DELAWARE BASIN EAST**

**LEA COUNTY SOUTHEAST**

**PITCHBLEND 24-25 FEDERAL PROJECT**

**PITCHBLEND 24-25 FED COM 604H**

**OWB**

**PWP0**

## **Anticollision Report**

**19 December, 2024**

## ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

| Reference                    | PWP0                                                                |                |                       |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                       |
| Interpolation Method:        | MD + Stations Interval 100.0usft                                    | Error Model:   | ISCWSA                |
| Depth Range:                 | 0.0 to 22,774.1usft                                                 | 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 |

|                            |                  |                          |                       |                                           |
|----------------------------|------------------|--------------------------|-----------------------|-------------------------------------------|
| <b>Survey Tool Program</b> | <b>Date</b>      | 12/19/2024               |                       |                                           |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>      | <b>Description</b>                        |
| 0.0                        | 2,000.0          | PWP0 (OWB)               | r.5 SDI_KPR_WL_NS-CT  | SDI Keeper Wireline Gyrocomp-Initilzd Con |
| 2,000.0                    | 12,045.5         | PWP0 (OWB)               | r.5 MWD+IFR1+SAG+FDIR | ISCWSA MWD + IFR1 + SAG + FDIR Corri      |
| 12,045.5                   | 22,774.1         | PWP0 (OWB)               | r.5 MWD+IFR1+SAG+FDIR | ISCWSA MWD + IFR1 + SAG + FDIR Corri      |

| Summary                                      |                       |                    |                   |                    |                             |         |
|----------------------------------------------|-----------------------|--------------------|-------------------|--------------------|-----------------------------|---------|
| Site Name<br>Offset Well - Wellbore - Design | Reference<br>Measured | Offset<br>Measured | Distance          |                    | Separation<br>Factor        | Warning |
|                                              | Depth                 | Depth              | Between           | Between            |                             |         |
|                                              | (usft)                | (usft)             | Centres<br>(usft) | Ellipses<br>(usft) |                             |         |
| BANDANA FEDERAL PROJECT                      |                       |                    |                   |                    |                             |         |
| BANDANA FEDERAL COM 602H - OWB - AWP         | 12,350.0              | 20,399.0           | 936.6             | 840.5              | 9.748 SF                    |         |
| BANDANA FEDERAL COM 602H - OWB - AWP         | 12,425.0              | 20,399.0           | 928.4             | 833.9              | 9.824 ES                    |         |
| BANDANA FEDERAL COM 602H - OWB - AWP         | 12,444.0              | 20,399.0           | 928.1             | 834.0              | 9.868 CC                    |         |
| BANDANA FEDERAL COM 603H - OWB - AWP         | 12,325.0              | 20,785.0           | 610.0             | 514.4              | 6.382 SF                    |         |
| BANDANA FEDERAL COM 603H - OWB - AWP         | 12,400.0              | 20,785.0           | 600.8             | 508.2              | 6.486 ES                    |         |
| BANDANA FEDERAL COM 603H - OWB - AWP         | 12,406.5              | 20,785.0           | 600.7             | 508.4              | 6.505 CC                    |         |
| BANDANA FEDERAL COM 703H - OWB - AWP         | 12,400.0              | 21,064.0           | 585.0             | 488.0              | 6.032 SF                    |         |
| BANDANA FEDERAL COM 703H - OWB - AWP         | 12,475.0              | 21,064.0           | 568.0             | 476.7              | 6.223 ES                    |         |
| BANDANA FEDERAL COM 703H - OWB - AWP         | 12,498.2              | 21,064.0           | 567.0             | 477.8              | 6.355 CC                    |         |
| PITCHBLENDE 24-25 FEDERAL PROJECT            |                       |                    |                   |                    |                             |         |
| PITCHBLENDE 24-25 FED COM 603H - OWB - PWP0  | 2,000.0               | 1,999.8            | 54.1              | 45.3               | 6.116 CC, ES                |         |
| PITCHBLENDE 24-25 FED COM 603H - OWB - PWP0  | 2,100.0               | 2,100.0            | 55.1              | 46.0               | 6.084 SF                    |         |
| PITCHBLENDE 24-25 FED COM 703H - OWB - PWP0  | 2,000.0               | 1,999.9            | 30.0              | 22.0               | 3.732 CC, ES, SF            |         |
| PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  | 2,664.2               | 2,665.7            | 33.9              | 22.6               | 3.018 CC, ES                |         |
| PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  | 2,700.0               | 2,701.4            | 34.1              | 22.7               | 2.999 Normal Operations, SF |         |
| PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0  | 12,045.5              | 11,874.0           | 922.9             | 887.3              | 25.940 CC                   |         |
| PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0  | 22,774.1              | 22,790.7           | 941.7             | 763.0              | 5.270 ES, SF                |         |

|                        |                                                                       |                 |                        |                  |                               |                 |               |                |                   |                 |                           |          |
|------------------------|-----------------------------------------------------------------------|-----------------|------------------------|------------------|-------------------------------|-----------------|---------------|----------------|-------------------|-----------------|---------------------------|----------|
| <b>Offset Design:</b>  | BANDANA FEDERAL PROJECT - BANDANA FEDERAL COM 602H - OWB - AWP        |                 |                        |                  |                               |                 |               |                |                   |                 | <b>Offset Site Error:</b> | 0.0 usft |
| <b>Survey Program:</b> | 100-r.5 SDI_KPR_WL_NS-CT, 1096-r.5 MWD+IFR1+MS, 12123-r.5 MWD+IFR1+MS |                 |                        |                  |                               |                 |               |                |                   |                 | <b>Offset Well Error:</b> | 3.0 usft |
| <b>Reference</b>       | <b>Vertical</b>                                                       | <b>Offset</b>   | <b>Semi Major Axis</b> | <b>Highside</b>  | <b>Offset Wellbore Centre</b> | <b>Distance</b> |               | <b>No-Go</b>   | <b>Separation</b> | <b>Warning</b>  |                           |          |
| <b>Measured</b>        | <b>Depth</b>                                                          | <b>Measured</b> | <b>Depth</b>           | <b>Reference</b> | <b>Offset</b>                 | <b>+N/-S</b>    | <b>+E/-W</b>  | <b>Between</b> | <b>Between</b>    | <b>Distance</b> | <b>Factor</b>             |          |
| <b>Depth</b>           | <b>(usft)</b>                                                         | <b>Depth</b>    | <b>(usft)</b>          | <b>(usft)</b>    | <b>(usft)</b>                 | <b>(usft)</b>   | <b>(usft)</b> | <b>Centres</b> | <b>Ellipses</b>   | <b>(usft)</b>   |                           |          |
|                        |                                                                       |                 |                        |                  |                               |                 |               | <b>(usft)</b>  | <b>(usft)</b>     | <b>(usft)</b>   |                           |          |
| 12,175.0               | 11,975.4                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -106.39         | 254.9         | -752.1         | 994.0             | 895.5           | 98.53                     | 10.088   |
| 12,200.0               | 11,999.3                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -107.81         | 254.9         | -752.1         | 982.9             | 884.6           | 98.27                     | 10.002   |
| 12,225.0               | 12,022.8                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -109.09         | 254.9         | -752.1         | 972.7             | 874.7           | 97.98                     | 9.927    |
| 12,250.0               | 12,045.8                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -110.22         | 254.9         | -752.1         | 963.4             | 865.7           | 97.67                     | 9.864    |
| 12,275.0               | 12,068.3                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -111.21         | 254.9         | -752.1         | 955.1             | 857.7           | 97.32                     | 9.814    |
| 12,300.0               | 12,090.1                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -112.06         | 254.9         | -752.1         | 947.8             | 850.9           | 96.94                     | 9.777    |
| 12,325.0               | 12,111.3                                                              | 20,399.0        | 12,509.8               | 20.6             | 66.0                          | -112.76         | 254.9         | -752.1         | 941.6             | 845.1           | 96.52                     | 9.755    |
| 12,350.0               | 12,131.8                                                              | 20,399.0        | 12,509.8               | 20.7             | 66.0                          | -113.33         | 254.9         | -752.1         | 936.6             | 840.5           | 96.07                     | 9.748 SF |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWPO                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                       |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                    |          |
|---------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|----------|
| Offset Design: BANDANA FEDERAL PROJECT - BANDANA FEDERAL COM 602H - OWB - AWP         |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: | 0.0 usft |
| Survey Program: 100-r.5 SDI_KPR_WL_NS-CT, 1096-r.5 MWD+IFR1+MS, 12123-r.5 MWD+IFR1+MS |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Well Error: | 3.0 usft |
| Reference                                                                             |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance     |                        | 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) | No-Go Distance (usft) | Separation Factor  |          |
| 12,375.0                                                                              | 12,151.5              | 20,399.0              | 12,509.8              | 20.7             | 66.0          | -113.77                | 254.9        | -752.1       | 932.7                  | 837.1                   | 95.59                 | 9.757              |          |
| 12,400.0                                                                              | 12,170.3              | 20,399.0              | 12,509.8              | 20.7             | 66.0          | -114.07                | 254.9        | -752.1       | 929.9                  | 834.9                   | 95.06                 | 9.782              |          |
| 12,425.0                                                                              | 12,188.3              | 20,399.0              | 12,509.8              | 20.7             | 66.0          | -114.24                | 254.9        | -752.1       | 928.4                  | 833.9                   | 94.50                 | 9.824 ES           |          |
| 12,444.0                                                                              | 12,201.3              | 20,399.0              | 12,509.8              | 20.8             | 66.0          | -114.27                | 254.9        | -752.1       | 928.1                  | 834.0                   | 94.05                 | 9.868 CC           |          |
| 12,450.0                                                                              | 12,205.3              | 20,399.0              | 12,509.8              | 20.8             | 66.0          | -114.27                | 254.9        | -752.1       | 928.1                  | 834.2                   | 93.90                 | 9.884              |          |
| 12,475.0                                                                              | 12,221.4              | 20,399.0              | 12,509.8              | 20.8             | 66.0          | -114.17                | 254.9        | -752.1       | 929.0                  | 835.7                   | 93.27                 | 9.961              |          |
| 12,500.0                                                                              | 12,236.4              | 20,399.0              | 12,509.8              | 20.8             | 66.0          | -113.94                | 254.9        | -752.1       | 931.1                  | 838.5                   | 92.59                 | 10.056             |          |
| 12,525.0                                                                              | 12,250.4              | 20,399.0              | 12,509.8              | 20.9             | 66.0          | -113.58                | 254.9        | -752.1       | 934.4                  | 842.5                   | 91.88                 | 10.170             |          |
| 12,550.0                                                                              | 12,263.2              | 20,399.0              | 12,509.8              | 20.9             | 66.0          | -113.08                | 254.9        | -752.1       | 938.8                  | 847.7                   | 91.14                 | 10.301             |          |
| 12,575.0                                                                              | 12,275.0              | 20,399.0              | 12,509.8              | 20.9             | 66.0          | -112.44                | 254.9        | -752.1       | 944.4                  | 854.1                   | 90.36                 | 10.452             |          |
| 12,600.0                                                                              | 12,285.5              | 20,399.0              | 12,509.8              | 21.0             | 66.0          | -111.67                | 254.9        | -752.1       | 951.2                  | 861.6                   | 89.56                 | 10.620             |          |
| 12,625.0                                                                              | 12,294.9              | 20,399.0              | 12,509.8              | 21.0             | 66.0          | -110.75                | 254.9        | -752.1       | 958.9                  | 870.2                   | 88.74                 | 10.806             |          |
| 12,650.0                                                                              | 12,303.0              | 20,399.0              | 12,509.8              | 21.0             | 66.0          | -109.69                | 254.9        | -752.1       | 967.7                  | 879.8                   | 87.89                 | 11.010             |          |
| 12,675.0                                                                              | 12,309.9              | 20,399.0              | 12,509.8              | 21.1             | 66.0          | -108.49                | 254.9        | -752.1       | 977.5                  | 890.4                   | 87.03                 | 11.231             |          |
| 12,700.0                                                                              | 12,315.5              | 20,399.0              | 12,509.8              | 21.1             | 66.0          | -107.14                | 254.9        | -752.1       | 988.1                  | 902.0                   | 86.16                 | 11.468             |          |
| 12,725.0                                                                              | 12,319.8              | 20,399.0              | 12,509.8              | 21.2             | 66.0          | -105.65                | 254.9        | -752.1       | 999.7                  | 914.4                   | 85.28                 | 11.722             |          |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                       |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                    |          |
|---------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|----------|
| Offset Design: BANDANA FEDERAL PROJECT - BANDANA FEDERAL COM 603H - OWB - AWP         |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: | 0.0 usft |
| Survey Program: 100-r.5 SDI_KPR_WL_NS-CT, 1124-r.5 MWD+IFR1+MS, 11997-r.5 MWD+IFR1+MS |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Well Error: | 3.0 usft |
| Reference                                                                             |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance     |                        | 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) | No-Go Distance (usft) | Separation Factor  |          |
| 11,800.0                                                                              | 11,602.0              | 20,785.0              | 12,440.2              | 20.4             | 67.0          | -78.64                 | 250.0        | -2,103.6     | 948.8                  | 845.8                   | 103.01                | 9.211              |          |
| 11,900.0                                                                              | 11,702.0              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | -78.64                 | 250.0        | -2,103.6     | 866.6                  | 764.1                   | 102.51                | 8.454              |          |
| 12,000.0                                                                              | 11,802.0              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | -78.64                 | 250.0        | -2,103.6     | 788.6                  | 686.8                   | 101.84                | 7.743              |          |
| 12,045.5                                                                              | 11,847.5              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | -78.64                 | 250.0        | -2,103.6     | 754.8                  | 653.3                   | 101.48                | 7.438              |          |
| 12,050.0                                                                              | 11,852.0              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | 102.40                 | 250.0        | -2,103.6     | 751.5                  | 650.3                   | 101.23                | 7.424              |          |
| 12,075.0                                                                              | 11,877.0              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | 105.36                 | 250.0        | -2,103.6     | 733.7                  | 632.7                   | 100.98                | 7.266              |          |
| 12,100.0                                                                              | 11,901.9              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | 108.07                 | 250.0        | -2,103.6     | 716.6                  | 615.9                   | 100.70                | 7.116              |          |
| 12,125.0                                                                              | 11,926.6              | 20,785.0              | 12,440.2              | 20.5             | 67.0          | 110.51                 | 250.0        | -2,103.6     | 700.2                  | 599.9                   | 100.36                | 6.977              |          |
| 12,150.0                                                                              | 11,951.2              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 112.71                 | 250.0        | -2,103.6     | 684.8                  | 584.8                   | 99.98                 | 6.849              |          |
| 12,175.0                                                                              | 11,975.4              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 114.67                 | 250.0        | -2,103.6     | 670.3                  | 570.7                   | 99.54                 | 6.734              |          |
| 12,200.0                                                                              | 11,999.3              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 116.38                 | 250.0        | -2,103.6     | 656.9                  | 557.8                   | 99.04                 | 6.632              |          |
| 12,225.0                                                                              | 12,022.8              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 117.87                 | 250.0        | -2,103.6     | 644.7                  | 546.2                   | 98.49                 | 6.546              |          |
| 12,250.0                                                                              | 12,045.8              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 119.15                 | 250.0        | -2,103.6     | 633.8                  | 536.0                   | 97.87                 | 6.476              |          |
| 12,275.0                                                                              | 12,068.3              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 120.22                 | 250.0        | -2,103.6     | 624.3                  | 527.2                   | 97.17                 | 6.425              |          |
| 12,300.0                                                                              | 12,090.1              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 121.09                 | 250.0        | -2,103.6     | 616.4                  | 520.0                   | 96.41                 | 6.393              |          |
| 12,325.0                                                                              | 12,111.3              | 20,785.0              | 12,440.2              | 20.6             | 67.0          | 121.76                 | 250.0        | -2,103.6     | 610.0                  | 514.4                   | 95.57                 | 6.382 SF           |          |
| 12,350.0                                                                              | 12,131.8              | 20,785.0              | 12,440.2              | 20.7             | 67.0          | 122.26                 | 250.0        | -2,103.6     | 605.2                  | 510.5                   | 94.66                 | 6.393              |          |
| 12,375.0                                                                              | 12,151.5              | 20,785.0              | 12,440.2              | 20.7             | 67.0          | 122.57                 | 250.0        | -2,103.6     | 602.1                  | 508.5                   | 93.68                 | 6.427              |          |
| 12,400.0                                                                              | 12,170.3              | 20,785.0              | 12,440.2              | 20.7             | 67.0          | 122.71                 | 250.0        | -2,103.6     | 600.8                  | 508.2                   | 92.64                 | 6.486 ES           |          |
| 12,406.5                                                                              | 12,175.1              | 20,785.0              | 12,440.2              | 20.7             | 67.0          | 122.71                 | 250.0        | -2,103.6     | 600.7                  | 508.4                   | 92.35                 | 6.505 CC           |          |
| 12,425.0                                                                              | 12,188.3              | 20,785.0              | 12,440.2              | 20.7             | 67.0          | 122.66                 | 250.0        | -2,103.6     | 601.2                  | 509.7                   | 91.53                 | 6.569              |          |
| 12,450.0                                                                              | 12,205.3              | 20,785.0              | 12,440.2              | 20.8             | 67.0          | 122.45                 | 250.0        | -2,103.6     | 603.4                  | 513.0                   | 90.36                 | 6.677              |          |
| 12,475.0                                                                              | 12,221.4              | 20,785.0              | 12,440.2              | 20.8             | 67.0          | 122.05                 | 250.0        | -2,103.6     | 607.2                  | 518.1                   | 89.16                 | 6.811              |          |
| 12,500.0                                                                              | 12,236.4              | 20,785.0              | 12,440.2              | 20.8             | 67.0          | 121.47                 | 250.0        | -2,103.6     | 612.8                  | 524.9                   | 87.91                 | 6.970              |          |
| 12,525.0                                                                              | 12,250.4              | 20,785.0              | 12,440.2              | 20.9             | 67.0          | 120.70                 | 250.0        | -2,103.6     | 619.9                  | 533.3                   | 86.65                 | 7.155              |          |
| 12,550.0                                                                              | 12,263.2              | 20,785.0              | 12,440.2              | 20.9             | 67.0          | 119.74                 | 250.0        | -2,103.6     | 628.6                  | 543.3                   | 85.36                 | 7.364              |          |
| 12,575.0                                                                              | 12,275.0              | 20,785.0              | 12,440.2              | 20.9             | 67.0          | 118.57                 | 250.0        | -2,103.6     | 638.8                  | 554.7                   | 84.08                 | 7.598              |          |
| 12,600.0                                                                              | 12,285.5              | 20,785.0              | 12,440.2              | 21.0             | 67.0          | 117.20                 | 250.0        | -2,103.6     | 650.3                  | 567.5                   | 82.79                 | 7.854              |          |
| 12,625.0                                                                              | 12,294.9              | 20,785.0              | 12,440.2              | 21.0             | 67.0          | 115.60                 | 250.0        | -2,103.6     | 663.0                  | 581.5                   | 81.52                 | 8.134              |          |
| 12,650.0                                                                              | 12,303.0              | 20,785.0              | 12,440.2              | 21.0             | 67.0          | 113.78                 | 250.0        | -2,103.6     | 677.0                  | 596.7                   | 80.27                 | 8.434              |          |
| 12,675.0                                                                              | 12,309.9              | 20,785.0              | 12,440.2              | 21.1             | 67.0          | 111.71                 | 250.0        | -2,103.6     | 691.9                  | 612.9                   | 79.04                 | 8.754              |          |
| 12,700.0                                                                              | 12,315.5              | 20,785.0              | 12,440.2              | 21.1             | 67.0          | 109.39                 | 250.0        | -2,103.6     | 707.8                  | 630.0                   | 77.84                 | 9.093              |          |
| 12,725.0                                                                              | 12,319.8              | 20,785.0              | 12,440.2              | 21.2             | 67.0          | 106.82                 | 250.0        | -2,103.6     | 724.5                  | 647.9                   | 76.68                 | 9.450              |          |
| 12,750.0                                                                              | 12,322.8              | 20,785.0              | 12,440.2              | 21.2             | 67.0          | 104.00                 | 250.0        | -2,103.6     | 742.0                  | 666.5                   | 75.55                 | 9.822              |          |
| 12,775.0                                                                              | 12,324.6              | 20,785.0              | 12,440.2              | 21.3             | 67.0          | 100.92                 | 250.0        | -2,103.6     | 760.1                  | 685.7                   | 74.46                 | 10.209             |          |
| 12,795.5                                                                              | 12,325.0              | 20,785.0              | 12,440.2              | 21.3             | 67.0          | 98.21                  | 250.0        | -2,103.6     | 775.4                  | 701.8                   | 73.60                 | 10.536             |          |
| 12,800.0                                                                              | 12,325.0              | 20,785.0              | 12,440.2              | 21.3             | 67.0          | 98.21                  | 250.0        | -2,103.6     | 778.8                  | 705.4                   | 73.41                 | 10.608             |          |
| 12,900.0                                                                              | 12,325.0              | 20,785.0              | 12,440.2              | 21.6             | 67.0          | 98.21                  | 250.0        | -2,103.6     | 856.8                  | 787.1                   | 69.66                 | 12.300             |          |
| 13,000.0                                                                              | 12,325.0              | 20,785.0              | 12,440.2              | 21.8             | 67.0          | 98.21                  | 250.0        | -2,103.6     | 939.0                  | 872.4                   | 66.53                 | 14.113             |          |

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

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWPO                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                       |                       |                       |                       |                        |               |                       |              |                |                        |                         |                       |                   |
|---------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|-----------------------|--------------|----------------|------------------------|-------------------------|-----------------------|-------------------|
| Offset Design: BANDANA FEDERAL PROJECT - BANDANA FEDERAL COM 703H - OWB - AWP         |                       |                       |                       |                        |               |                       |              |                |                        |                         | Offset Site Error:    | 0.0 usft          |
| Survey Program: 100-r.5 SDI_KPR_WL_NS-CT, 1141-r.5 MWD+IFR1+MS, 11960-r.5 MWD+IFR1+MS |                       |                       |                       |                        |               |                       |              |                |                        |                         | Offset Well Error:    | 3.0 usft          |
| Reference                                                                             | Offset                | Semi Major Axis       |                       | Offset Wellbore Centre |               | Distance              |              | 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) | No-Go Distance (usft) | Separation Factor |
| 11,900.0                                                                              | 11,702.0              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | 44.73                 | 272.9        | -1,473.8       | 998.3                  | 892.4                   | 105.86                | 9.430             |
| 12,000.0                                                                              | 11,802.0              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | 44.73                 | 272.9        | -1,473.8       | 900.0                  | 794.2                   | 105.75                | 8.510             |
| 12,045.5                                                                              | 11,847.5              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | 44.73                 | 272.9        | -1,473.8       | 855.4                  | 749.7                   | 105.68                | 8.094             |
| 12,050.0                                                                              | 11,852.0              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | -136.52               | 272.9        | -1,473.8       | 851.0                  | 745.2                   | 105.78                | 8.045             |
| 12,075.0                                                                              | 11,877.0              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | -144.41               | 272.9        | -1,473.8       | 826.7                  | 721.0                   | 105.71                | 7.821             |
| 12,100.0                                                                              | 11,901.9              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | -149.91               | 272.9        | -1,473.8       | 802.7                  | 697.2                   | 105.59                | 7.602             |
| 12,125.0                                                                              | 11,926.6              | 21,064.0              | 12,726.8              | 20.5                   | 71.1          | -153.87               | 272.9        | -1,473.8       | 779.2                  | 673.8                   | 105.43                | 7.391             |
| 12,150.0                                                                              | 11,951.2              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -156.82               | 272.9        | -1,473.8       | 756.2                  | 651.0                   | 105.21                | 7.187             |
| 12,175.0                                                                              | 11,975.4              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -159.08               | 272.9        | -1,473.8       | 733.8                  | 628.9                   | 104.92                | 6.994             |
| 12,200.0                                                                              | 11,999.3              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -160.84               | 272.9        | -1,473.8       | 712.2                  | 607.7                   | 104.56                | 6.812             |
| 12,225.0                                                                              | 12,022.8              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -162.24               | 272.9        | -1,473.8       | 691.6                  | 587.5                   | 104.10                | 6.643             |
| 12,250.0                                                                              | 12,045.8              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -163.37               | 272.9        | -1,473.8       | 671.9                  | 568.4                   | 103.54                | 6.490             |
| 12,275.0                                                                              | 12,068.3              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -164.28               | 272.9        | -1,473.8       | 653.5                  | 550.7                   | 102.85                | 6.354             |
| 12,300.0                                                                              | 12,090.1              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -165.02               | 272.9        | -1,473.8       | 636.5                  | 534.4                   | 102.02                | 6.239             |
| 12,325.0                                                                              | 12,111.3              | 21,064.0              | 12,726.8              | 20.6                   | 71.1          | -165.63               | 272.9        | -1,473.8       | 620.9                  | 519.9                   | 101.03                | 6.146             |
| 12,350.0                                                                              | 12,131.8              | 21,064.0              | 12,726.8              | 20.7                   | 71.1          | -166.11               | 272.9        | -1,473.8       | 607.1                  | 507.2                   | 99.87                 | 6.079             |
| 12,375.0                                                                              | 12,151.5              | 21,064.0              | 12,726.8              | 20.7                   | 71.1          | -166.50               | 272.9        | -1,473.8       | 595.0                  | 496.5                   | 98.52                 | 6.040             |
| 12,400.0                                                                              | 12,170.3              | 21,064.0              | 12,726.8              | 20.7                   | 71.1          | -166.81               | 272.9        | -1,473.8       | 585.0                  | 488.0                   | 96.98                 | 6.032 SF          |
| 12,425.0                                                                              | 12,188.3              | 21,064.0              | 12,726.8              | 20.7                   | 71.1          | -167.04               | 272.9        | -1,473.8       | 577.1                  | 481.8                   | 95.25                 | 6.058             |
| 12,450.0                                                                              | 12,205.3              | 21,064.0              | 12,726.8              | 20.8                   | 71.1          | -167.19               | 272.9        | -1,473.8       | 571.4                  | 478.0                   | 93.34                 | 6.121             |
| 12,475.0                                                                              | 12,221.4              | 21,064.0              | 12,726.8              | 20.8                   | 71.1          | -167.28               | 272.9        | -1,473.8       | 568.0                  | 476.7                   | 91.27                 | 6.223 ES          |
| 12,498.2                                                                              | 12,235.4              | 21,064.0              | 12,726.8              | 20.8                   | 71.1          | -167.31               | 272.9        | -1,473.8       | 567.0                  | 477.8                   | 89.22                 | 6.355 CC          |
| 12,500.0                                                                              | 12,236.4              | 21,064.0              | 12,726.8              | 20.8                   | 71.1          | -167.31               | 272.9        | -1,473.8       | 567.0                  | 477.9                   | 89.06                 | 6.366             |
| 12,525.0                                                                              | 12,250.4              | 21,064.0              | 12,726.8              | 20.9                   | 71.1          | -167.27               | 272.9        | -1,473.8       | 568.3                  | 481.6                   | 86.75                 | 6.551             |
| 12,550.0                                                                              | 12,263.2              | 21,064.0              | 12,726.8              | 20.9                   | 71.1          | -167.17               | 272.9        | -1,473.8       | 572.0                  | 487.7                   | 84.39                 | 6.778             |
| 12,575.0                                                                              | 12,275.0              | 21,064.0              | 12,726.8              | 20.9                   | 71.1          | -167.01               | 272.9        | -1,473.8       | 578.1                  | 496.0                   | 82.02                 | 7.048             |
| 12,600.0                                                                              | 12,285.5              | 21,064.0              | 12,726.8              | 21.0                   | 71.1          | -166.77               | 272.9        | -1,473.8       | 586.3                  | 506.6                   | 79.69                 | 7.357             |
| 12,625.0                                                                              | 12,294.9              | 21,064.0              | 12,726.8              | 21.0                   | 71.1          | -166.46               | 272.9        | -1,473.8       | 596.6                  | 519.2                   | 77.43                 | 7.705             |
| 12,650.0                                                                              | 12,303.0              | 21,064.0              | 12,726.8              | 21.0                   | 71.1          | -166.05               | 272.9        | -1,473.8       | 608.9                  | 533.6                   | 75.28                 | 8.088             |
| 12,675.0                                                                              | 12,309.9              | 21,064.0              | 12,726.8              | 21.1                   | 71.1          | -165.55               | 272.9        | -1,473.8       | 623.0                  | 549.7                   | 73.27                 | 8.503             |
| 12,700.0                                                                              | 12,315.5              | 21,064.0              | 12,726.8              | 21.1                   | 71.1          | -164.93               | 272.9        | -1,473.8       | 638.8                  | 567.3                   | 71.42                 | 8.944             |
| 12,725.0                                                                              | 12,319.8              | 21,064.0              | 12,726.8              | 21.2                   | 71.1          | -164.16               | 272.9        | -1,473.8       | 656.0                  | 586.3                   | 69.74                 | 9.407             |
| 12,750.0                                                                              | 12,322.8              | 21,064.0              | 12,726.8              | 21.2                   | 71.1          | -163.22               | 272.9        | -1,473.8       | 674.6                  | 606.4                   | 68.23                 | 9.888             |
| 12,775.0                                                                              | 12,324.6              | 21,064.0              | 12,726.8              | 21.3                   | 71.1          | -162.06               | 272.9        | -1,473.8       | 694.4                  | 627.5                   | 66.89                 | 10.381            |
| 12,795.5                                                                              | 12,325.0              | 21,064.0              | 12,726.8              | 21.3                   | 71.1          | -160.90               | 272.9        | -1,473.8       | 711.4                  | 645.5                   | 65.92                 | 10.792            |
| 12,800.0                                                                              | 12,325.0              | 21,064.0              | 12,726.8              | 21.3                   | 71.1          | -160.90               | 272.9        | -1,473.8       | 715.2                  | 649.5                   | 65.72                 | 10.882            |
| 12,900.0                                                                              | 12,325.0              | 21,064.0              | 12,726.8              | 21.6                   | 71.1          | -160.90               | 272.9        | -1,473.8       | 801.6                  | 739.8                   | 61.85                 | 12.961            |
| 13,000.0                                                                              | 12,325.0              | 21,064.0              | 12,726.8              | 21.8                   | 71.1          | -160.90               | 272.9        | -1,473.8       | 890.9                  | 832.0                   | 58.90                 | 15.126            |
| 13,100.0                                                                              | 12,325.0              | 21,064.0              | 12,726.8              | 22.1                   | 71.1          | -160.90               | 272.9        | -1,473.8       | 982.3                  | 925.6                   | 56.64                 | 17.342            |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 603H - OWB - PWP0 |                       |                                                                                 |                       |                        |               |                       |              |              |                        |                         |                       |                   | Offset Site Error: 0.0 usft |                             |  |
|------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------|------------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|-----------------------|-------------------|-----------------------------|-----------------------------|--|
| Survey Program:                                                                                |                       | 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 11867-r.5 MWD+IFR1+SAG+FDIR |                       |                        |               |                       |              |              |                        |                         |                       | Rule Assigned:    |                             | Offset Well Error: 0.0 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) | No-Go Distance (usft) | Separation Factor | Warning                     |                             |  |
| 0.0                                                                                            | 0.0                   | 0.0                                                                             | 0.0                   | 0.0                    | 0.0           | 145.84                | -44.8        | 30.4         | 54.1                   |                         |                       |                   |                             |                             |  |
| 100.0                                                                                          | 100.0                 | 99.8                                                                            | 99.8                  | 0.6                    | 0.6           | 145.84                | -44.8        | 30.4         | 54.1                   | 52.6                    | 1.59                  | 34.054            |                             |                             |  |
| 200.0                                                                                          | 200.0                 | 199.8                                                                           | 199.8                 | 1.1                    | 1.1           | 145.84                | -44.8        | 30.4         | 54.1                   | 51.6                    | 2.54                  | 21.294            |                             |                             |  |
| 300.0                                                                                          | 300.0                 | 299.8                                                                           | 299.8                 | 1.4                    | 1.4           | 145.84                | -44.8        | 30.4         | 54.1                   | 51.0                    | 3.19                  | 16.971            |                             |                             |  |
| 400.0                                                                                          | 400.0                 | 399.8                                                                           | 399.8                 | 1.7                    | 1.7           | 145.84                | -44.8        | 30.4         | 54.1                   | 50.4                    | 3.72                  | 14.551            |                             |                             |  |
| 500.0                                                                                          | 500.0                 | 499.8                                                                           | 499.8                 | 1.9                    | 1.9           | 145.84                | -44.8        | 30.4         | 54.1                   | 50.0                    | 4.19                  | 12.937            |                             |                             |  |
| 600.0                                                                                          | 600.0                 | 599.8                                                                           | 599.8                 | 2.1                    | 2.1           | 145.84                | -44.8        | 30.4         | 54.1                   | 49.5                    | 4.61                  | 11.756            |                             |                             |  |
| 700.0                                                                                          | 700.0                 | 699.8                                                                           | 699.8                 | 2.3                    | 2.3           | 145.84                | -44.8        | 30.4         | 54.1                   | 49.1                    | 4.99                  | 10.841            |                             |                             |  |
| 800.0                                                                                          | 800.0                 | 799.8                                                                           | 799.8                 | 2.5                    | 2.5           | 145.84                | -44.8        | 30.4         | 54.1                   | 48.8                    | 5.36                  | 10.103            |                             |                             |  |
| 900.0                                                                                          | 900.0                 | 899.8                                                                           | 899.8                 | 2.7                    | 2.7           | 145.84                | -44.8        | 30.4         | 54.1                   | 48.4                    | 5.70                  | 9.491             |                             |                             |  |
| 1,000.0                                                                                        | 1,000.0               | 999.8                                                                           | 999.8                 | 2.9                    | 2.9           | 145.84                | -44.8        | 30.4         | 54.1                   | 48.1                    | 6.03                  | 8.972             |                             |                             |  |
| 1,100.0                                                                                        | 1,100.0               | 1,099.8                                                                         | 1,099.8               | 3.1                    | 3.1           | 145.84                | -44.8        | 30.4         | 54.1                   | 47.8                    | 6.35                  | 8.524             |                             |                             |  |
| 1,200.0                                                                                        | 1,200.0               | 1,199.8                                                                         | 1,199.8               | 3.2                    | 3.2           | 145.84                | -44.8        | 30.4         | 54.1                   | 47.5                    | 6.66                  | 8.132             |                             |                             |  |
| 1,300.0                                                                                        | 1,300.0               | 1,299.8                                                                         | 1,299.8               | 3.4                    | 3.4           | 145.84                | -44.8        | 30.4         | 54.1                   | 47.2                    | 6.95                  | 7.784             |                             |                             |  |
| 1,400.0                                                                                        | 1,400.0               | 1,399.8                                                                         | 1,399.8               | 3.5                    | 3.5           | 145.84                | -44.8        | 30.4         | 54.1                   | 46.9                    | 7.24                  | 7.474             |                             |                             |  |
| 1,500.0                                                                                        | 1,500.0               | 1,499.8                                                                         | 1,499.8               | 3.7                    | 3.7           | 145.84                | -44.8        | 30.4         | 54.1                   | 46.6                    | 7.53                  | 7.194             |                             |                             |  |
| 1,600.0                                                                                        | 1,600.0               | 1,599.8                                                                         | 1,599.8               | 3.8                    | 3.8           | 145.84                | -44.8        | 30.4         | 54.1                   | 46.3                    | 7.80                  | 6.940             |                             |                             |  |
| 1,700.0                                                                                        | 1,700.0               | 1,699.8                                                                         | 1,699.8               | 4.0                    | 4.0           | 145.84                | -44.8        | 30.4         | 54.1                   | 46.1                    | 8.07                  | 6.708             |                             |                             |  |
| 1,800.0                                                                                        | 1,800.0               | 1,799.8                                                                         | 1,799.8               | 4.1                    | 4.1           | 145.84                | -44.8        | 30.4         | 54.1                   | 45.8                    | 8.34                  | 6.495             |                             |                             |  |
| 1,900.0                                                                                        | 1,900.0               | 1,899.8                                                                         | 1,899.8               | 4.3                    | 4.3           | 145.84                | -44.8        | 30.4         | 54.1                   | 45.5                    | 8.60                  | 6.298             |                             |                             |  |
| 2,000.0                                                                                        | 2,000.0               | 1,999.8                                                                         | 1,999.8               | 4.4                    | 4.4           | 145.84                | -44.8        | 30.4         | 54.1                   | 45.3                    | 8.85                  | 6.116 CC, ES      |                             |                             |  |
| 2,100.0                                                                                        | 2,100.0               | 2,100.0                                                                         | 2,100.0               | 4.5                    | 4.6           | -132.65               | -43.6        | 31.7         | 55.1                   | 46.0                    | 9.05                  | 6.084 SF          |                             |                             |  |
| 2,200.0                                                                                        | 2,199.8               | 2,199.5                                                                         | 2,199.4               | 4.7                    | 4.8           | -141.41               | -40.1        | 35.5         | 58.9                   | 49.6                    | 9.30                  | 6.331             |                             |                             |  |
| 2,300.0                                                                                        | 2,299.5               | 2,297.9                                                                         | 2,297.4               | 4.9                    | 5.0           | -153.17               | -34.3        | 41.8         | 67.7                   | 58.1                    | 9.55                  | 7.086             |                             |                             |  |
| 2,400.0                                                                                        | 2,398.7               | 2,394.5                                                                         | 2,393.3               | 5.0                    | 5.3           | -164.65               | -26.5        | 50.4         | 83.5                   | 73.6                    | 9.91                  | 8.430             |                             |                             |  |
| 2,500.0                                                                                        | 2,497.5               | 2,490.8                                                                         | 2,488.6               | 5.2                    | 5.4           | -173.43               | -17.4        | 60.2         | 106.1                  | 95.8                    | 10.32                 | 10.281            |                             |                             |  |
| 2,600.0                                                                                        | 2,595.6               | 2,586.2                                                                         | 2,583.1               | 5.5                    | 5.6           | -179.15               | -8.4         | 70.0         | 133.7                  | 122.9                   | 10.75                 | 12.439            |                             |                             |  |
| 2,700.0                                                                                        | 2,693.1               | 2,680.6                                                                         | 2,676.5               | 5.7                    | 5.7           | 177.11                | 0.5          | 79.7         | 165.4                  | 154.2                   | 11.16                 | 14.816            |                             |                             |  |
| 2,749.0                                                                                        | 2,740.5               | 2,726.4                                                                         | 2,721.9               | 5.8                    | 5.8           | 175.76                | 4.8          | 84.4         | 182.3                  | 171.0                   | 11.30                 | 16.132            |                             |                             |  |
| 2,800.0                                                                                        | 2,789.8               | 2,774.0                                                                         | 2,769.0               | 5.8                    | 5.9           | 174.64                | 9.3          | 89.3         | 200.4                  | 189.0                   | 11.44                 | 17.525            |                             |                             |  |
| 2,900.0                                                                                        | 2,886.4               | 2,867.2                                                                         | 2,861.3               | 6.0                    | 6.0           | 172.93                | 18.1         | 98.8         | 236.0                  | 224.2                   | 11.76                 | 20.071            |                             |                             |  |
| 3,000.0                                                                                        | 2,983.0               | 2,960.4                                                                         | 2,953.7               | 6.2                    | 6.2           | 171.67                | 26.9         | 108.4        | 271.8                  | 259.7                   | 12.08                 | 22.487            |                             |                             |  |
| 3,100.0                                                                                        | 3,079.6               | 3,053.7                                                                         | 3,046.0               | 6.3                    | 6.3           | 170.70                | 35.6         | 118.0        | 307.6                  | 295.2                   | 12.41                 | 24.779            |                             |                             |  |
| 3,200.0                                                                                        | 3,176.2               | 3,146.9                                                                         | 3,138.4               | 6.5                    | 6.5           | 169.93                | 44.4         | 127.5        | 343.5                  | 330.7                   | 12.74                 | 26.951            |                             |                             |  |
| 3,300.0                                                                                        | 3,272.8               | 3,240.2                                                                         | 3,230.7               | 6.7                    | 6.6           | 169.31                | 53.2         | 137.1        | 379.4                  | 366.3                   | 13.08                 | 29.010            |                             |                             |  |
| 3,400.0                                                                                        | 3,369.4               | 3,333.4                                                                         | 3,323.0               | 6.9                    | 6.8           | 168.80                | 62.0         | 146.6        | 415.4                  | 402.0                   | 13.42                 | 30.963            |                             |                             |  |
| 3,500.0                                                                                        | 3,466.0               | 3,426.7                                                                         | 3,415.4               | 7.1                    | 6.9           | 168.37                | 70.8         | 156.2        | 451.4                  | 437.6                   | 13.75                 | 32.817            |                             |                             |  |
| 3,600.0                                                                                        | 3,562.6               | 3,519.9                                                                         | 3,507.7               | 7.3                    | 7.1           | 168.00                | 79.6         | 165.8        | 487.4                  | 473.3                   | 14.10                 | 34.577            |                             |                             |  |
| 3,700.0                                                                                        | 3,659.2               | 3,613.2                                                                         | 3,600.1               | 7.5                    | 7.3           | 167.68                | 88.4         | 175.3        | 523.4                  | 509.0                   | 14.44                 | 36.249            |                             |                             |  |
| 3,800.0                                                                                        | 3,755.8               | 3,706.4                                                                         | 3,692.4               | 7.7                    | 7.4           | 167.40                | 97.1         | 184.9        | 559.5                  | 544.7                   | 14.79                 | 37.838            |                             |                             |  |
| 3,900.0                                                                                        | 3,852.4               | 3,799.7                                                                         | 3,784.7               | 7.9                    | 7.6           | 167.16                | 105.9        | 194.4        | 595.5                  | 580.4                   | 15.13                 | 39.351            |                             |                             |  |
| 4,000.0                                                                                        | 3,949.0               | 3,892.9                                                                         | 3,877.1               | 8.1                    | 7.8           | 166.94                | 114.7        | 204.0        | 631.6                  | 616.1                   | 15.48                 | 40.791            |                             |                             |  |
| 4,100.0                                                                                        | 4,045.6               | 3,986.2                                                                         | 3,969.4               | 8.3                    | 7.9           | 166.75                | 123.5        | 213.6        | 667.7                  | 651.8                   | 15.83                 | 42.181            |                             |                             |  |
| 4,200.0                                                                                        | 4,142.2               | 4,088.9                                                                         | 4,071.3               | 8.5                    | 8.2           | 166.60                | 132.7        | 223.5        | 703.2                  | 686.9                   | 16.30                 | 43.127            |                             |                             |  |
| 4,300.0                                                                                        | 4,238.8               | 4,193.7                                                                         | 4,175.4               | 8.7                    | 8.4           | 166.55                | 140.7        | 232.3        | 737.3                  | 720.6                   | 16.70                 | 44.141            |                             |                             |  |
| 4,400.0                                                                                        | 4,335.4               | 4,299.6                                                                         | 4,280.8               | 8.9                    | 8.6           | 166.60                | 147.6        | 239.7        | 770.0                  | 752.9                   | 17.09                 | 45.061            |                             |                             |  |
| 4,500.0                                                                                        | 4,432.0               | 4,406.6                                                                         | 4,387.5               | 9.1                    | 8.7           | 166.73                | 153.1        | 245.8        | 801.2                  | 783.7                   | 17.47                 | 45.865            |                             |                             |  |
| 4,600.0                                                                                        | 4,528.6               | 4,514.6                                                                         | 4,495.3               | 9.3                    | 8.9           | 166.93                | 157.4        | 250.4        | 831.0                  | 813.1                   | 17.85                 | 46.562            |                             |                             |  |
| 4,700.0                                                                                        | 4,625.2               | 4,623.6                                                                         | 4,604.2               | 9.5                    | 9.1           | 167.20                | 160.3        | 253.6        | 859.3                  | 841.1                   | 18.22                 | 47.164            |                             |                             |  |
| 4,800.0                                                                                        | 4,721.8               | 4,733.4                                                                         | 4,713.9               | 9.8                    | 9.2           | 167.53                | 161.8        | 255.2        | 886.2                  | 867.6                   | 18.58                 | 47.700            |                             |                             |  |
| 4,900.0                                                                                        | 4,818.4               | 4,837.6                                                                         | 4,818.2               | 10.0                   | 9.4           | 167.90                | 162.0        | 255.5        | 911.7                  | 892.8                   | 18.93                 | 48.156            |                             |                             |  |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                       |                       |                                                                                 |                       |                  |               |                        |              |              |                        |                         |                       |                    |         |                    |  |          |  |
|-----------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|---------|--------------------|--|----------|--|
| Offset Design:        |                       | PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 603H - OWB - PWP0 |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: |         | 0.0 usft           |  |          |  |
| Survey Program:       |                       | 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 11867-r.5 MWD+IFR1+SAG+FDIR |                       |                  |               |                        |              |              |                        |                         |                       | Rule Assigned:     |         | Offset Well Error: |  | 0.0 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) | No-Go Distance (usft) | Separation Factor  | Warning |                    |  |          |  |
| 5,000.0               | 4,915.0               | 4,934.2                                                                         | 4,914.8               | 10.2             | 9.5           | 168.23                 | 162.0        | 255.5        | 937.0                  | 917.7                   | 19.30                 | 48.562             |         |                    |  |          |  |
| 5,100.0               | 5,011.6               | 5,030.8                                                                         | 5,011.4               | 10.4             | 9.6           | 168.54                 | 162.0        | 255.5        | 962.4                  | 942.8                   | 19.60                 | 49.108             |         |                    |  |          |  |
| 5,200.0               | 5,108.2               | 5,127.4                                                                         | 5,108.0               | 10.6             | 9.7           | 168.84                 | 162.0        | 255.5        | 987.8                  | 967.9                   | 19.90                 | 49.635             |         |                    |  |          |  |

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

## ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

|                                                                                                        |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          |                                    |
|--------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 703H - OWB - PWP0  |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12177-r.5 MWD+IFR1+SAG+FDIR |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                          | <b>Offset Well Error:</b> 0.0 usft |
| <b>Reference</b>                                                                                       | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Distance</b>              | <b>Rule Assigned:</b>   |                      |                              |                     |                     |                               |                                |                              |                          |                                    |
| <b>Measured Depth (usft)</b>                                                                           | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>No-Go Distance (usft)</b> | <b>Separation Factor</b> | <b>Warning</b>                     |
| 0.0                                                                                                    | 0.0                          | 0.0                          | 0.0                          | 0.0                     | 0.0                  | 89.62                        | 0.2                 | 30.0                | 30.0                          |                                |                              |                          |                                    |
| 100.0                                                                                                  | 100.0                        | 99.9                         | 99.9                         | 0.6                     | 0.6                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 28.4                           | 1.58                         | 18.959                   |                                    |
| 200.0                                                                                                  | 200.0                        | 199.9                        | 199.9                        | 1.1                     | 1.1                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 27.5                           | 2.52                         | 11.911                   |                                    |
| 300.0                                                                                                  | 300.0                        | 299.9                        | 299.9                        | 1.4                     | 1.4                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 26.9                           | 3.14                         | 9.541                    |                                    |
| 400.0                                                                                                  | 400.0                        | 399.9                        | 399.9                        | 1.7                     | 1.7                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 26.4                           | 3.65                         | 8.222                    |                                    |
| 500.0                                                                                                  | 500.0                        | 499.9                        | 499.9                        | 1.9                     | 1.9                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 25.9                           | 4.08                         | 7.347                    |                                    |
| 600.0                                                                                                  | 600.0                        | 599.9                        | 599.9                        | 2.1                     | 2.1                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 25.5                           | 4.47                         | 6.710                    |                                    |
| 700.0                                                                                                  | 700.0                        | 699.9                        | 699.9                        | 2.3                     | 2.3                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 25.2                           | 4.82                         | 6.219                    |                                    |
| 800.0                                                                                                  | 800.0                        | 799.9                        | 799.9                        | 2.5                     | 2.5                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 24.9                           | 5.15                         | 5.825                    |                                    |
| 900.0                                                                                                  | 900.0                        | 899.9                        | 899.9                        | 2.7                     | 2.7                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 24.5                           | 5.46                         | 5.499                    |                                    |
| 1,000.0                                                                                                | 1,000.0                      | 999.9                        | 999.9                        | 2.9                     | 2.9                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 24.3                           | 5.74                         | 5.224                    |                                    |
| 1,100.0                                                                                                | 1,100.0                      | 1,099.9                      | 1,099.9                      | 3.1                     | 3.1                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 24.0                           | 6.02                         | 4.987                    |                                    |
| 1,200.0                                                                                                | 1,200.0                      | 1,199.9                      | 1,199.9                      | 3.2                     | 3.2                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 23.7                           | 6.28                         | 4.781                    |                                    |
| 1,300.0                                                                                                | 1,300.0                      | 1,299.9                      | 1,299.9                      | 3.4                     | 3.4                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 23.5                           | 6.52                         | 4.599                    |                                    |
| 1,400.0                                                                                                | 1,400.0                      | 1,399.9                      | 1,399.9                      | 3.5                     | 3.5                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 23.2                           | 6.76                         | 4.436                    |                                    |
| 1,500.0                                                                                                | 1,500.0                      | 1,499.9                      | 1,499.9                      | 3.7                     | 3.7                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 23.0                           | 6.99                         | 4.290                    |                                    |
| 1,600.0                                                                                                | 1,600.0                      | 1,599.9                      | 1,599.9                      | 3.8                     | 3.8                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 22.8                           | 7.21                         | 4.158                    |                                    |
| 1,700.0                                                                                                | 1,700.0                      | 1,699.9                      | 1,699.9                      | 4.0                     | 4.0                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 22.6                           | 7.43                         | 4.038                    |                                    |
| 1,800.0                                                                                                | 1,800.0                      | 1,799.9                      | 1,799.9                      | 4.1                     | 4.1                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 22.4                           | 7.64                         | 3.928                    |                                    |
| 1,900.0                                                                                                | 1,900.0                      | 1,899.9                      | 1,899.9                      | 4.3                     | 4.3                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 22.2                           | 7.84                         | 3.826                    |                                    |
| 2,000.0                                                                                                | 2,000.0                      | 1,999.9                      | 1,999.9                      | 4.4                     | 4.4                  | 89.62                        | 0.2                 | 30.0                | 30.0                          | 22.0                           | 8.04                         | 3.732 CC, ES, SF         |                                    |
| 2,100.0                                                                                                | 2,100.0                      | 2,098.8                      | 2,098.7                      | 4.5                     | 4.5                  | 174.19                       | 0.4                 | 31.7                | 33.4                          | 25.0                           | 8.47                         | 3.950                    |                                    |
| 2,200.0                                                                                                | 2,199.8                      | 2,196.9                      | 2,196.8                      | 4.7                     | 4.7                  | 173.94                       | 1.2                 | 36.7                | 43.7                          | 34.7                           | 9.04                         | 4.839                    |                                    |
| 2,300.0                                                                                                | 2,299.5                      | 2,293.7                      | 2,293.2                      | 4.9                     | 4.9                  | 173.71                       | 2.4                 | 44.9                | 60.8                          | 51.2                           | 9.58                         | 6.350                    |                                    |
| 2,400.0                                                                                                | 2,398.7                      | 2,388.5                      | 2,387.3                      | 5.0                     | 5.0                  | 173.52                       | 4.0                 | 56.0                | 84.6                          | 74.5                           | 10.09                        | 8.382                    |                                    |
| 2,500.0                                                                                                | 2,497.5                      | 2,480.6                      | 2,478.4                      | 5.2                     | 5.2                  | 173.37                       | 6.1                 | 69.8                | 114.7                         | 104.2                          | 10.56                        | 10.862                   |                                    |
| 2,600.0                                                                                                | 2,595.6                      | 2,569.7                      | 2,565.9                      | 5.5                     | 5.4                  | 173.25                       | 8.4                 | 85.8                | 151.1                         | 140.1                          | 11.01                        | 13.728                   |                                    |
| 2,700.0                                                                                                | 2,693.1                      | 2,655.1                      | 2,649.4                      | 5.7                     | 5.6                  | 173.14                       | 11.1                | 103.8               | 193.5                         | 182.1                          | 11.40                        | 16.981                   |                                    |
| 2,749.0                                                                                                | 2,740.5                      | 2,696.4                      | 2,689.6                      | 5.8                     | 5.6                  | 173.09                       | 12.5                | 113.3               | 216.3                         | 204.8                          | 11.50                        | 18.803                   |                                    |
| 2,800.0                                                                                                | 2,789.8                      | 2,741.3                      | 2,733.2                      | 5.8                     | 5.7                  | 173.11                       | 14.0                | 123.8               | 240.6                         | 229.0                          | 11.65                        | 20.663                   |                                    |
| 2,900.0                                                                                                | 2,886.4                      | 2,829.2                      | 2,818.6                      | 6.0                     | 5.9                  | 173.13                       | 17.0                | 144.4               | 288.3                         | 276.3                          | 11.97                        | 24.076                   |                                    |
| 3,000.0                                                                                                | 2,983.0                      | 2,917.1                      | 2,904.0                      | 6.2                     | 6.1                  | 173.15                       | 20.1                | 165.0               | 335.9                         | 323.7                          | 12.29                        | 27.344                   |                                    |
| 3,100.0                                                                                                | 3,079.6                      | 3,005.0                      | 2,989.4                      | 6.3                     | 6.2                  | 173.16                       | 23.1                | 185.6               | 383.6                         | 371.0                          | 12.60                        | 30.435                   |                                    |
| 3,200.0                                                                                                | 3,176.2                      | 3,092.9                      | 3,074.8                      | 6.5                     | 6.4                  | 173.17                       | 26.1                | 206.1               | 431.3                         | 418.3                          | 12.93                        | 33.360                   |                                    |
| 3,300.0                                                                                                | 3,272.8                      | 3,180.8                      | 3,160.3                      | 6.7                     | 6.5                  | 173.18                       | 29.2                | 226.7               | 478.9                         | 465.7                          | 13.26                        | 36.127                   |                                    |
| 3,400.0                                                                                                | 3,369.4                      | 3,268.8                      | 3,245.7                      | 6.9                     | 6.7                  | 173.19                       | 32.2                | 247.3               | 526.6                         | 513.0                          | 13.59                        | 38.747                   |                                    |
| 3,500.0                                                                                                | 3,466.0                      | 3,356.7                      | 3,331.1                      | 7.1                     | 6.8                  | 173.19                       | 35.2                | 267.9               | 574.2                         | 560.3                          | 13.93                        | 41.229                   |                                    |
| 3,600.0                                                                                                | 3,562.6                      | 3,444.6                      | 3,416.5                      | 7.3                     | 7.0                  | 173.20                       | 38.2                | 288.5               | 621.9                         | 607.6                          | 14.27                        | 43.580                   |                                    |
| 3,700.0                                                                                                | 3,659.2                      | 3,532.5                      | 3,501.9                      | 7.5                     | 7.2                  | 173.20                       | 41.3                | 309.1               | 669.5                         | 654.9                          | 14.62                        | 45.809                   |                                    |
| 3,800.0                                                                                                | 3,755.8                      | 3,620.4                      | 3,587.3                      | 7.7                     | 7.3                  | 173.21                       | 44.3                | 329.6               | 717.2                         | 702.2                          | 14.97                        | 47.923                   |                                    |
| 3,900.0                                                                                                | 3,852.4                      | 3,708.3                      | 3,672.8                      | 7.9                     | 7.5                  | 173.21                       | 47.3                | 350.2               | 764.8                         | 749.5                          | 15.32                        | 49.929                   |                                    |
| 4,000.0                                                                                                | 3,949.0                      | 3,796.2                      | 3,758.2                      | 8.1                     | 7.7                  | 173.21                       | 50.4                | 370.8               | 812.5                         | 796.8                          | 15.67                        | 51.835                   |                                    |
| 4,100.0                                                                                                | 4,045.6                      | 3,884.2                      | 3,843.6                      | 8.3                     | 7.9                  | 173.22                       | 53.4                | 391.4               | 860.2                         | 844.1                          | 16.03                        | 53.645                   |                                    |
| 4,200.0                                                                                                | 4,142.2                      | 3,972.1                      | 3,929.0                      | 8.5                     | 8.0                  | 173.22                       | 56.4                | 412.0               | 907.8                         | 891.4                          | 16.40                        | 55.366                   |                                    |
| 4,300.0                                                                                                | 4,238.8                      | 4,060.0                      | 4,014.4                      | 8.7                     | 8.2                  | 173.22                       | 59.4                | 432.6               | 955.5                         | 938.7                          | 16.76                        | 57.004                   |                                    |

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

## ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

|                                                                                                        |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                             |                                    |
|--------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|-----------------------------|------------------------------------|
| <b>Offset Design:</b> PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                             | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                             | <b>Offset Well Error:</b> 0.0 usft |
| <b>Reference</b>                                                                                       | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Distance</b>              | <b>Rule Assigned:</b>   |                      |                              |                     |                     |                               |                                |                              |                             |                                    |
| <b>Measured Depth (usft)</b>                                                                           | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>No-Go Distance (usft)</b> | <b>Separation Factor</b>    | <b>Warning</b>                     |
| 0.0                                                                                                    | 0.0                          | 0.0                          | 0.0                          | 0.0                     | 0.0                  | 179.49                       | -45.1               | 0.4                 | 45.1                          |                                |                              |                             |                                    |
| 100.0                                                                                                  | 100.0                        | 99.8                         | 99.8                         | 0.6                     | 0.6                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 43.5                           | 1.59                         | 28.303                      |                                    |
| 200.0                                                                                                  | 200.0                        | 199.8                        | 199.8                        | 1.1                     | 1.1                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 42.5                           | 2.55                         | 17.662                      |                                    |
| 300.0                                                                                                  | 300.0                        | 299.8                        | 299.8                        | 1.4                     | 1.4                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 41.9                           | 3.21                         | 14.045                      |                                    |
| 400.0                                                                                                  | 400.0                        | 399.8                        | 399.8                        | 1.7                     | 1.7                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 41.3                           | 3.75                         | 12.016                      |                                    |
| 500.0                                                                                                  | 500.0                        | 499.8                        | 499.8                        | 1.9                     | 1.9                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 40.9                           | 4.23                         | 10.660                      |                                    |
| 600.0                                                                                                  | 600.0                        | 599.8                        | 599.8                        | 2.1                     | 2.1                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 40.4                           | 4.67                         | 9.666                       |                                    |
| 700.0                                                                                                  | 700.0                        | 699.8                        | 699.8                        | 2.3                     | 2.3                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 40.0                           | 5.07                         | 8.895                       |                                    |
| 800.0                                                                                                  | 800.0                        | 799.8                        | 799.8                        | 2.5                     | 2.5                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 39.7                           | 5.45                         | 8.273                       |                                    |
| 900.0                                                                                                  | 900.0                        | 899.8                        | 899.8                        | 2.7                     | 2.7                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 39.3                           | 5.81                         | 7.756                       |                                    |
| 1,000.0                                                                                                | 1,000.0                      | 999.8                        | 999.8                        | 2.9                     | 2.9                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 38.9                           | 6.16                         | 7.317                       |                                    |
| 1,100.0                                                                                                | 1,100.0                      | 1,099.8                      | 1,099.8                      | 3.1                     | 3.1                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 38.6                           | 6.50                         | 6.939                       |                                    |
| 1,200.0                                                                                                | 1,200.0                      | 1,199.8                      | 1,199.8                      | 3.2                     | 3.2                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 38.3                           | 6.83                         | 6.607                       |                                    |
| 1,300.0                                                                                                | 1,300.0                      | 1,299.8                      | 1,299.8                      | 3.4                     | 3.4                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 38.0                           | 7.14                         | 6.313                       |                                    |
| 1,400.0                                                                                                | 1,400.0                      | 1,399.8                      | 1,399.8                      | 3.5                     | 3.5                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 37.6                           | 7.45                         | 6.050                       |                                    |
| 1,500.0                                                                                                | 1,500.0                      | 1,499.8                      | 1,499.8                      | 3.7                     | 3.7                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 37.3                           | 7.76                         | 5.814                       |                                    |
| 1,600.0                                                                                                | 1,600.0                      | 1,599.8                      | 1,599.8                      | 3.8                     | 3.8                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 37.0                           | 8.06                         | 5.599                       |                                    |
| 1,700.0                                                                                                | 1,700.0                      | 1,699.8                      | 1,699.8                      | 4.0                     | 4.0                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 36.8                           | 8.35                         | 5.402                       |                                    |
| 1,800.0                                                                                                | 1,800.0                      | 1,799.8                      | 1,799.8                      | 4.1                     | 4.1                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 36.5                           | 8.64                         | 5.222                       |                                    |
| 1,900.0                                                                                                | 1,900.0                      | 1,899.8                      | 1,899.8                      | 4.3                     | 4.3                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 36.2                           | 8.92                         | 5.056                       |                                    |
| 2,000.0                                                                                                | 2,000.0                      | 1,999.8                      | 1,999.8                      | 4.4                     | 4.4                  | 179.49                       | -45.1               | 0.4                 | 45.1                          | 35.9                           | 9.20                         | 4.901                       |                                    |
| 2,100.0                                                                                                | 2,100.0                      | 2,100.3                      | 2,100.2                      | 4.5                     | 4.5                  | -95.91                       | -44.6               | -1.3                | 44.8                          | 35.3                           | 9.43                         | 4.747                       |                                    |
| 2,200.0                                                                                                | 2,199.8                      | 2,200.7                      | 2,200.6                      | 4.7                     | 4.7                  | -96.18                       | -43.1               | -6.3                | 43.8                          | 34.0                           | 9.76                         | 4.485                       |                                    |
| 2,300.0                                                                                                | 2,299.5                      | 2,301.2                      | 2,300.6                      | 4.9                     | 4.9                  | -96.65                       | -40.6               | -14.8               | 42.1                          | 32.0                           | 10.07                        | 4.175                       |                                    |
| 2,400.0                                                                                                | 2,398.7                      | 2,401.6                      | 2,400.3                      | 5.0                     | 5.1                  | -97.37                       | -37.1               | -26.5               | 39.7                          | 29.3                           | 10.39                        | 3.821                       |                                    |
| 2,500.0                                                                                                | 2,497.5                      | 2,501.8                      | 2,499.3                      | 5.2                     | 5.2                  | -98.86                       | -32.7               | -41.3               | 36.8                          | 26.2                           | 10.63                        | 3.462                       |                                    |
| 2,600.0                                                                                                | 2,595.6                      | 2,601.7                      | 2,597.9                      | 5.5                     | 5.4                  | -105.38                      | -28.1               | -56.6               | 34.4                          | 23.5                           | 10.97                        | 3.139                       |                                    |
| 2,664.2                                                                                                | 2,658.3                      | 2,665.7                      | 2,661.1                      | 5.6                     | 5.5                  | -112.90                      | -25.2               | -66.4               | 33.9                          | 22.6                           | 11.22                        | 3.018 CC, ES                |                                    |
| 2,700.0                                                                                                | 2,693.1                      | 2,701.4                      | 2,696.3                      | 5.7                     | 5.5                  | -118.07                      | -23.5               | -71.9               | 34.1                          | 22.7                           | 11.37                        | 2.999 Normal Operations, SF |                                    |
| 2,749.0                                                                                                | 2,740.5                      | 2,750.1                      | 2,744.4                      | 5.8                     | 5.6                  | -125.90                      | -21.3               | -79.4               | 35.3                          | 23.7                           | 11.53                        | 3.058                       |                                    |
| 2,800.0                                                                                                | 2,789.8                      | 2,800.8                      | 2,794.5                      | 5.8                     | 5.7                  | -133.87                      | -19.0               | -87.1               | 37.4                          | 25.7                           | 11.70                        | 3.201                       |                                    |
| 2,900.0                                                                                                | 2,886.4                      | 2,900.2                      | 2,892.6                      | 6.0                     | 5.8                  | -146.65                      | -14.4               | -102.4              | 43.5                          | 31.4                           | 12.08                        | 3.600                       |                                    |
| 3,000.0                                                                                                | 2,983.0                      | 2,999.7                      | 2,990.7                      | 6.2                     | 6.0                  | -155.99                      | -9.9                | -117.6              | 51.1                          | 38.7                           | 12.43                        | 4.112                       |                                    |
| 3,100.0                                                                                                | 3,079.6                      | 3,099.1                      | 3,088.9                      | 6.3                     | 6.2                  | -162.78                      | -5.4                | -132.9              | 59.7                          | 47.0                           | 12.78                        | 4.675                       |                                    |
| 3,200.0                                                                                                | 3,176.2                      | 3,198.5                      | 3,187.0                      | 6.5                     | 6.4                  | -167.82                      | -0.8                | -148.1              | 69.0                          | 55.9                           | 13.13                        | 5.255                       |                                    |
| 3,300.0                                                                                                | 3,272.8                      | 3,297.9                      | 3,285.1                      | 6.7                     | 6.5                  | -171.64                      | 3.7                 | -163.3              | 78.7                          | 65.2                           | 13.49                        | 5.833                       |                                    |
| 3,400.0                                                                                                | 3,369.4                      | 3,397.3                      | 3,383.3                      | 6.9                     | 6.7                  | -174.62                      | 8.3                 | -178.6              | 88.6                          | 74.7                           | 13.84                        | 6.399                       |                                    |
| 3,500.0                                                                                                | 3,466.0                      | 3,496.7                      | 3,481.4                      | 7.1                     | 6.9                  | -176.99                      | 12.8                | -193.8              | 98.7                          | 84.5                           | 14.21                        | 6.949                       |                                    |
| 3,600.0                                                                                                | 3,562.6                      | 3,596.1                      | 3,579.5                      | 7.3                     | 7.1                  | -178.92                      | 17.4                | -209.0              | 109.0                         | 94.4                           | 14.57                        | 7.478                       |                                    |
| 3,700.0                                                                                                | 3,659.2                      | 3,695.5                      | 3,677.7                      | 7.5                     | 7.3                  | 179.48                       | 21.9                | -224.3              | 119.3                         | 104.4                          | 14.94                        | 7.987                       |                                    |
| 3,800.0                                                                                                | 3,755.8                      | 3,795.0                      | 3,775.8                      | 7.7                     | 7.4                  | 178.14                       | 26.5                | -239.5              | 129.8                         | 114.4                          | 15.31                        | 8.474                       |                                    |
| 3,900.0                                                                                                | 3,852.4                      | 3,894.4                      | 3,873.9                      | 7.9                     | 7.6                  | 176.99                       | 31.0                | -254.7              | 140.3                         | 124.6                          | 15.69                        | 8.941                       |                                    |
| 4,000.0                                                                                                | 3,949.0                      | 3,993.8                      | 3,972.1                      | 8.1                     | 7.8                  | 176.01                       | 35.5                | -270.0              | 150.8                         | 134.7                          | 16.06                        | 9.387                       |                                    |
| 4,100.0                                                                                                | 4,045.6                      | 4,093.2                      | 4,070.2                      | 8.3                     | 8.0                  | 175.16                       | 40.1                | -285.2              | 161.4                         | 144.9                          | 16.44                        | 9.815                       |                                    |
| 4,200.0                                                                                                | 4,142.2                      | 4,192.6                      | 4,168.3                      | 8.5                     | 8.2                  | 174.41                       | 44.6                | -300.4              | 172.0                         | 155.2                          | 16.82                        | 10.223                      |                                    |
| 4,300.0                                                                                                | 4,238.8                      | 4,292.0                      | 4,266.5                      | 8.7                     | 8.4                  | 173.75                       | 49.2                | -315.7              | 182.6                         | 165.4                          | 17.21                        | 10.614                      |                                    |
| 4,400.0                                                                                                | 4,335.4                      | 4,391.4                      | 4,364.6                      | 8.9                     | 8.6                  | 173.16                       | 53.7                | -330.9              | 193.3                         | 175.7                          | 17.59                        | 10.988                      |                                    |
| 4,500.0                                                                                                | 4,432.0                      | 4,490.8                      | 4,462.7                      | 9.1                     | 8.7                  | 172.63                       | 58.3                | -346.1              | 204.0                         | 186.0                          | 17.98                        | 11.346                      |                                    |
| 4,600.0                                                                                                | 4,528.6                      | 4,590.2                      | 4,560.9                      | 9.3                     | 8.9                  | 172.16                       | 62.8                | -361.4              | 214.6                         | 196.3                          | 18.36                        | 11.689                      |                                    |
| 4,700.0                                                                                                | 4,625.2                      | 4,689.7                      | 4,659.0                      | 9.5                     | 9.1                  | 171.73                       | 67.4                | -376.6              | 225.4                         | 206.6                          | 18.75                        | 12.017                      |                                    |
| 4,800.0                                                                                                | 4,721.8                      | 4,789.1                      | 4,757.1                      | 9.8                     | 9.3                  | 171.33                       | 71.9                | -391.8              | 236.1                         | 216.9                          | 19.14                        | 12.332                      |                                    |

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

# ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

|                                                                                                        |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              |                           |                |
|--------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|--------------------------------|------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                |                              | <b>Offset Well Error:</b> | 0.0 usft       |
| <b>Reference</b>                                                                                       | <b>Offset</b>                | <b>Semi Major Axis</b>       | <b>Distance</b>              | <b>Rule Assigned:</b>   |                      |                              |                     |                     |                               |                                |                              |                           |                |
| <b>Measured Depth (usft)</b>                                                                           | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>Highside Toolface (°)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Between Centres (usft)</b> | <b>Between Ellipses (usft)</b> | <b>No-Go Distance (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| 4,900.0                                                                                                | 4,818.4                      | 4,888.5                      | 4,855.3                      | 10.0                    | 9.5                  | 170.98                       | 76.4                | -407.1              | 246.8                         | 227.3                          | 19.53                        | 12.635                    |                |
| 5,000.0                                                                                                | 4,915.0                      | 4,987.9                      | 4,953.4                      | 10.2                    | 9.7                  | 170.65                       | 81.0                | -422.3              | 257.5                         | 237.6                          | 19.93                        | 12.925                    |                |
| 5,100.0                                                                                                | 5,011.6                      | 5,087.3                      | 5,051.5                      | 10.4                    | 9.9                  | 170.35                       | 85.5                | -437.5              | 268.3                         | 248.0                          | 20.32                        | 13.203                    |                |
| 5,200.0                                                                                                | 5,108.2                      | 5,186.7                      | 5,149.7                      | 10.6                    | 10.1                 | 170.07                       | 90.1                | -452.8              | 279.0                         | 258.3                          | 20.71                        | 13.471                    |                |
| 5,300.0                                                                                                | 5,204.8                      | 5,286.1                      | 5,247.8                      | 10.9                    | 10.3                 | 169.82                       | 94.6                | -468.0              | 289.8                         | 268.7                          | 21.11                        | 13.729                    |                |
| 5,400.0                                                                                                | 5,301.4                      | 5,385.5                      | 5,345.9                      | 11.1                    | 10.5                 | 169.58                       | 99.2                | -483.3              | 300.5                         | 279.0                          | 21.50                        | 13.977                    |                |
| 5,500.0                                                                                                | 5,398.0                      | 5,485.0                      | 5,444.0                      | 11.3                    | 10.7                 | 169.35                       | 103.7               | -498.5              | 311.3                         | 289.4                          | 21.90                        | 14.215                    |                |
| 5,600.0                                                                                                | 5,494.6                      | 5,584.4                      | 5,542.2                      | 11.5                    | 10.9                 | 169.15                       | 108.2               | -513.7              | 322.1                         | 299.8                          | 22.30                        | 14.445                    |                |
| 5,700.0                                                                                                | 5,591.2                      | 5,683.8                      | 5,640.3                      | 11.7                    | 11.1                 | 168.95                       | 112.8               | -529.0              | 332.8                         | 310.2                          | 22.69                        | 14.667                    |                |
| 5,800.0                                                                                                | 5,687.8                      | 5,783.2                      | 5,738.4                      | 12.0                    | 11.3                 | 168.77                       | 117.3               | -544.2              | 343.6                         | 320.5                          | 23.09                        | 14.880                    |                |
| 5,900.0                                                                                                | 5,784.4                      | 5,882.6                      | 5,836.6                      | 12.2                    | 11.4                 | 168.60                       | 121.9               | -559.4              | 354.4                         | 330.9                          | 23.49                        | 15.086                    |                |
| 6,000.0                                                                                                | 5,881.0                      | 5,982.0                      | 5,934.7                      | 12.4                    | 11.6                 | 168.44                       | 126.4               | -574.7              | 365.2                         | 341.3                          | 23.89                        | 15.285                    |                |
| 6,100.0                                                                                                | 5,977.6                      | 6,081.4                      | 6,032.8                      | 12.6                    | 11.8                 | 168.29                       | 131.0               | -589.9              | 376.0                         | 351.7                          | 24.29                        | 15.478                    |                |
| 6,200.0                                                                                                | 6,074.2                      | 6,178.0                      | 6,128.2                      | 12.9                    | 12.0                 | 168.16                       | 135.3               | -604.5              | 386.9                         | 362.3                          | 24.66                        | 15.692                    |                |
| 6,300.0                                                                                                | 6,170.8                      | 6,271.4                      | 6,220.6                      | 13.1                    | 12.2                 | 168.12                       | 139.2               | -617.4              | 399.2                         | 374.2                          | 25.03                        | 15.948                    |                |
| 6,400.0                                                                                                | 6,267.4                      | 6,364.4                      | 6,312.8                      | 13.3                    | 12.4                 | 168.16                       | 142.6               | -628.8              | 412.9                         | 387.5                          | 25.41                        | 16.253                    |                |
| 6,500.0                                                                                                | 6,364.0                      | 6,456.9                      | 6,404.8                      | 13.5                    | 12.5                 | 168.28                       | 145.5               | -638.8              | 428.1                         | 402.4                          | 25.78                        | 16.609                    |                |
| 6,600.0                                                                                                | 6,460.6                      | 6,549.1                      | 6,496.5                      | 13.8                    | 12.7                 | 168.46                       | 148.1               | -647.2              | 444.8                         | 418.7                          | 26.14                        | 17.015                    |                |
| 6,700.0                                                                                                | 6,557.2                      | 6,640.7                      | 6,587.8                      | 14.0                    | 12.9                 | 168.71                       | 150.2               | -654.2              | 463.0                         | 436.5                          | 26.50                        | 17.468                    |                |
| 6,800.0                                                                                                | 6,653.8                      | 6,731.7                      | 6,678.7                      | 14.2                    | 13.0                 | 169.00                       | 151.8               | -659.8              | 482.6                         | 455.7                          | 26.86                        | 17.967                    |                |
| 6,900.0                                                                                                | 6,750.4                      | 6,822.2                      | 6,769.1                      | 14.5                    | 13.2                 | 169.33                       | 153.1               | -664.0              | 503.7                         | 476.4                          | 27.21                        | 18.512                    |                |
| 7,000.0                                                                                                | 6,847.0                      | 6,912.1                      | 6,858.9                      | 14.7                    | 13.3                 | 169.69                       | 153.9               | -666.8              | 526.2                         | 498.6                          | 27.55                        | 19.101                    |                |
| 7,100.0                                                                                                | 6,943.6                      | 7,000.0                      | 6,946.8                      | 14.9                    | 13.4                 | 170.07                       | 154.3               | -668.2              | 550.1                         | 522.2                          | 27.87                        | 19.741                    |                |
| 7,200.0                                                                                                | 7,040.2                      | 7,093.2                      | 7,040.0                      | 15.1                    | 13.5                 | 170.49                       | 154.4               | -668.5              | 575.4                         | 547.2                          | 28.14                        | 20.445                    |                |
| 7,300.0                                                                                                | 7,136.8                      | 7,189.8                      | 7,136.6                      | 15.4                    | 13.5                 | 170.89                       | 154.4               | -668.5              | 600.9                         | 572.5                          | 28.45                        | 21.125                    |                |
| 7,400.0                                                                                                | 7,233.4                      | 7,286.4                      | 7,233.2                      | 15.6                    | 13.6                 | 171.27                       | 154.4               | -668.5              | 626.5                         | 597.7                          | 28.75                        | 21.789                    |                |
| 7,500.0                                                                                                | 7,330.0                      | 7,383.0                      | 7,329.8                      | 15.8                    | 13.6                 | 171.61                       | 154.4               | -668.5              | 652.0                         | 623.0                          | 29.06                        | 22.441                    |                |
| 7,600.0                                                                                                | 7,426.6                      | 7,479.6                      | 7,426.4                      | 16.1                    | 13.7                 | 171.93                       | 154.4               | -668.5              | 677.6                         | 648.3                          | 29.36                        | 23.079                    |                |
| 7,700.0                                                                                                | 7,523.2                      | 7,576.2                      | 7,523.0                      | 16.3                    | 13.8                 | 172.23                       | 154.4               | -668.5              | 703.3                         | 673.6                          | 29.67                        | 23.704                    |                |
| 7,800.0                                                                                                | 7,619.8                      | 7,672.8                      | 7,619.6                      | 16.5                    | 13.8                 | 172.50                       | 154.4               | -668.5              | 728.9                         | 698.9                          | 29.97                        | 24.317                    |                |
| 7,825.0                                                                                                | 7,644.0                      | 7,697.0                      | 7,643.8                      | 16.6                    | 13.8                 | 172.57                       | 154.4               | -668.5              | 735.3                         | 705.3                          | 30.04                        | 24.475                    |                |
| 7,900.0                                                                                                | 7,716.6                      | 7,769.6                      | 7,716.4                      | 16.8                    | 13.9                 | 172.78                       | 154.4               | -668.5              | 754.1                         | 723.8                          | 30.26                        | 24.918                    |                |
| 8,000.0                                                                                                | 7,813.7                      | 7,866.7                      | 7,813.5                      | 17.0                    | 14.0                 | 173.03                       | 154.4               | -668.5              | 777.6                         | 747.1                          | 30.56                        | 25.443                    |                |
| 8,100.0                                                                                                | 7,911.3                      | 7,964.3                      | 7,911.1                      | 17.2                    | 14.0                 | 173.24                       | 154.4               | -668.5              | 799.5                         | 768.7                          | 30.86                        | 25.906                    |                |
| 8,200.0                                                                                                | 8,009.2                      | 8,062.2                      | 8,009.0                      | 17.4                    | 14.1                 | 173.44                       | 154.4               | -668.5              | 819.7                         | 788.6                          | 31.16                        | 26.310                    |                |
| 8,300.0                                                                                                | 8,107.4                      | 8,160.4                      | 8,107.2                      | 17.6                    | 14.1                 | 173.60                       | 154.4               | -668.5              | 838.2                         | 806.8                          | 31.45                        | 26.656                    |                |
| 8,400.0                                                                                                | 8,206.0                      | 8,259.0                      | 8,205.8                      | 17.8                    | 14.2                 | 173.75                       | 154.4               | -668.5              | 855.0                         | 823.3                          | 31.73                        | 26.946                    |                |
| 8,500.0                                                                                                | 8,304.8                      | 8,357.8                      | 8,304.6                      | 18.0                    | 14.3                 | 173.87                       | 154.4               | -668.5              | 870.1                         | 838.1                          | 32.01                        | 27.182                    |                |
| 8,600.0                                                                                                | 8,403.9                      | 8,456.9                      | 8,403.7                      | 18.2                    | 14.3                 | 173.98                       | 154.4               | -668.5              | 883.5                         | 851.2                          | 32.28                        | 27.366                    |                |
| 8,700.0                                                                                                | 8,503.2                      | 8,556.2                      | 8,503.0                      | 18.4                    | 14.4                 | 174.07                       | 154.4               | -668.5              | 895.1                         | 862.6                          | 32.55                        | 27.499                    |                |
| 8,800.0                                                                                                | 8,602.7                      | 8,655.7                      | 8,602.5                      | 18.6                    | 14.5                 | 174.15                       | 154.4               | -668.5              | 905.1                         | 872.3                          | 32.81                        | 27.584                    |                |
| 8,900.0                                                                                                | 8,702.4                      | 8,755.4                      | 8,702.2                      | 18.7                    | 14.5                 | 174.21                       | 154.4               | -668.5              | 913.3                         | 880.2                          | 33.06                        | 27.621                    |                |
| 9,000.0                                                                                                | 8,802.2                      | 8,855.2                      | 8,802.0                      | 18.9                    | 14.6                 | 174.25                       | 154.4               | -668.5              | 919.7                         | 886.4                          | 33.31                        | 27.614                    |                |
| 9,100.0                                                                                                | 8,902.0                      | 8,955.0                      | 8,901.8                      | 19.1                    | 14.7                 | 174.29                       | 154.4               | -668.5              | 924.5                         | 890.9                          | 33.54                        | 27.565                    |                |
| 9,200.0                                                                                                | 9,002.0                      | 9,055.0                      | 9,001.8                      | 19.2                    | 14.7                 | 174.31                       | 154.4               | -668.5              | 927.5                         | 893.7                          | 33.76                        | 27.476                    |                |
| 9,300.0                                                                                                | 9,102.0                      | 9,155.0                      | 9,101.8                      | 19.3                    | 14.8                 | 174.32                       | 154.4               | -668.5              | 928.8                         | 894.8                          | 33.95                        | 27.357                    |                |
| 9,323.0                                                                                                | 9,125.0                      | 9,178.0                      | 9,124.8                      | 19.3                    | 14.8                 | 89.62                        | 154.4               | -668.5              | 928.8                         | 894.8                          | 33.97                        | 27.339                    |                |
| 9,400.0                                                                                                | 9,202.0                      | 9,255.0                      | 9,201.8                      | 19.4                    | 14.8                 | 89.62                        | 154.4               | -668.5              | 928.8                         | 894.8                          | 34.04                        | 27.282                    |                |
| 9,500.0                                                                                                | 9,302.0                      | 9,355.0                      | 9,301.8                      | 19.4                    | 14.9                 | 89.62                        | 154.4               | -668.5              | 928.8                         | 894.7                          | 34.15                        | 27.201                    |                |
| 9,600.0                                                                                                | 9,402.0                      | 9,455.0                      | 9,401.8                      | 19.4                    | 15.0                 | 89.62                        | 154.4               | -668.5              | 928.8                         | 894.6                          | 34.25                        | 27.120                    |                |
| 9,700.0                                                                                                | 9,502.0                      | 9,555.0                      | 9,501.8                      | 19.5                    | 15.0                 | 89.62                        | 154.4               | -668.5              | 928.8                         | 894.5                          | 34.35                        | 27.039                    |                |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                 |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                    |          |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|----------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Well Error: | 0.0 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) | No-Go Distance (usft) | Separation Factor  | Warning  |
| 9,800.0                                                                                         | 9,602.0               | 9,655.0               | 9,601.8               | 19.5             | 15.1          | 89.62                  | 154.4        | -668.5       | 928.8                  | 894.4                   | 34.45                 | 26.959             |          |
| 9,900.0                                                                                         | 9,702.0               | 9,755.0               | 9,701.8               | 19.6             | 15.2          | 89.62                  | 154.4        | -668.5       | 928.8                  | 894.2                   | 34.56                 | 26.878             |          |
| 10,000.0                                                                                        | 9,802.0               | 9,855.0               | 9,801.8               | 19.6             | 15.2          | 89.62                  | 154.4        | -668.5       | 928.8                  | 894.1                   | 34.66                 | 26.798             |          |
| 10,100.0                                                                                        | 9,902.0               | 9,955.0               | 9,901.8               | 19.7             | 15.3          | 89.62                  | 154.4        | -668.5       | 928.8                  | 894.0                   | 34.76                 | 26.717             |          |
| 10,200.0                                                                                        | 10,002.0              | 10,055.0              | 10,001.8              | 19.7             | 15.4          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.9                   | 34.87                 | 26.637             |          |
| 10,300.0                                                                                        | 10,102.0              | 10,155.0              | 10,101.8              | 19.7             | 15.4          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.8                   | 34.97                 | 26.557             |          |
| 10,400.0                                                                                        | 10,202.0              | 10,255.0              | 10,201.8              | 19.8             | 15.5          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.7                   | 35.08                 | 26.477             |          |
| 10,500.0                                                                                        | 10,302.0              | 10,355.0              | 10,301.8              | 19.8             | 15.6          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.6                   | 35.18                 | 26.398             |          |
| 10,600.0                                                                                        | 10,402.0              | 10,455.0              | 10,401.8              | 19.9             | 15.6          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.5                   | 35.29                 | 26.318             |          |
| 10,700.0                                                                                        | 10,502.0              | 10,555.0              | 10,501.8              | 19.9             | 15.7          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.4                   | 35.40                 | 26.239             |          |
| 10,800.0                                                                                        | 10,602.0              | 10,655.0              | 10,601.8              | 20.0             | 15.8          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.3                   | 35.51                 | 26.160             |          |
| 10,900.0                                                                                        | 10,702.0              | 10,755.0              | 10,701.8              | 20.0             | 15.9          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.2                   | 35.61                 | 26.081             |          |
| 11,000.0                                                                                        | 10,802.0              | 10,855.0              | 10,801.8              | 20.1             | 15.9          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.1                   | 35.72                 | 26.002             |          |
| 11,100.0                                                                                        | 10,902.0              | 10,955.0              | 10,901.8              | 20.1             | 16.0          | 89.62                  | 154.4        | -668.5       | 928.8                  | 893.0                   | 35.83                 | 25.923             |          |
| 11,200.0                                                                                        | 11,002.0              | 11,055.0              | 11,001.8              | 20.1             | 16.1          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.9                   | 35.94                 | 25.845             |          |
| 11,300.0                                                                                        | 11,102.0              | 11,155.0              | 11,101.8              | 20.2             | 16.1          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.8                   | 36.05                 | 25.767             |          |
| 11,400.0                                                                                        | 11,202.0              | 11,255.0              | 11,201.8              | 20.2             | 16.2          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.6                   | 36.16                 | 25.689             |          |
| 11,500.0                                                                                        | 11,302.0              | 11,355.0              | 11,301.8              | 20.3             | 16.3          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.5                   | 36.27                 | 25.611             |          |
| 11,600.0                                                                                        | 11,402.0              | 11,455.0              | 11,401.8              | 20.3             | 16.3          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.4                   | 36.38                 | 25.533             |          |
| 11,700.0                                                                                        | 11,502.0              | 11,555.0              | 11,501.8              | 20.4             | 16.4          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.3                   | 36.49                 | 25.456             |          |
| 11,800.0                                                                                        | 11,602.0              | 11,655.0              | 11,601.8              | 20.4             | 16.5          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.2                   | 36.60                 | 25.378             |          |
| 11,900.0                                                                                        | 11,702.0              | 11,755.0              | 11,701.8              | 20.5             | 16.5          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.1                   | 36.71                 | 25.301             |          |
| 12,000.0                                                                                        | 11,802.0              | 11,855.0              | 11,801.8              | 20.5             | 16.6          | 89.62                  | 154.4        | -668.5       | 928.8                  | 892.0                   | 36.82                 | 25.225             |          |
| 12,045.5                                                                                        | 11,847.5              | 11,900.5              | 11,847.3              | 20.5             | 16.6          | 89.62                  | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.86                 | 25.197             |          |
| 12,050.0                                                                                        | 11,852.0              | 11,905.0              | 11,851.8              | 20.5             | 16.6          | -89.89                 | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.86                 | 25.195             |          |
| 12,075.0                                                                                        | 11,877.0              | 11,930.0              | 11,876.8              | 20.5             | 16.7          | -89.94                 | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.88                 | 25.182             |          |
| 12,087.8                                                                                        | 11,889.8              | 11,942.7              | 11,889.6              | 20.5             | 16.7          | -90.00                 | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.89                 | 25.177             |          |
| 12,100.0                                                                                        | 11,901.9              | 11,954.9              | 11,901.7              | 20.5             | 16.7          | -90.08                 | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.90                 | 25.173             |          |
| 12,125.0                                                                                        | 11,926.6              | 11,979.6              | 11,926.4              | 20.5             | 16.7          | -90.29                 | 154.4        | -668.5       | 928.8                  | 891.9                   | 36.91                 | 25.167             |          |
| 12,150.0                                                                                        | 11,951.2              | 12,004.2              | 11,951.0              | 20.6             | 16.7          | -90.57                 | 154.4        | -668.5       | 928.9                  | 891.9                   | 36.91                 | 25.164             |          |
| 12,175.0                                                                                        | 11,975.4              | 12,028.4              | 11,975.2              | 20.6             | 16.7          | -90.93                 | 154.4        | -668.5       | 928.9                  | 892.0                   | 36.92                 | 25.164             |          |
| 12,200.0                                                                                        | 11,999.3              | 12,052.3              | 11,999.1              | 20.6             | 16.7          | -91.34                 | 154.4        | -668.5       | 929.1                  | 892.2                   | 36.92                 | 25.168             |          |
| 12,225.0                                                                                        | 12,022.8              | 12,075.8              | 12,022.6              | 20.6             | 16.8          | -91.80                 | 154.4        | -668.5       | 929.3                  | 892.4                   | 36.91                 | 25.177             |          |
| 12,250.0                                                                                        | 12,045.8              | 12,098.8              | 12,045.6              | 20.6             | 16.8          | -92.31                 | 154.4        | -668.5       | 929.7                  | 892.8                   | 36.91                 | 25.192             |          |
| 12,275.0                                                                                        | 12,068.3              | 12,123.8              | 12,070.6              | 20.6             | 16.8          | -92.89                 | 153.8        | -668.5       | 930.2                  | 893.4                   | 36.89                 | 25.217             |          |
| 12,300.0                                                                                        | 12,090.1              | 12,149.6              | 12,096.3              | 20.6             | 16.8          | -93.48                 | 151.9        | -668.4       | 930.9                  | 894.0                   | 36.87                 | 25.245             |          |
| 12,325.0                                                                                        | 12,111.3              | 12,176.1              | 12,122.6              | 20.6             | 16.8          | -94.07                 | 148.5        | -668.4       | 931.6                  | 894.8                   | 36.86                 | 25.275             |          |
| 12,350.0                                                                                        | 12,131.8              | 12,203.3              | 12,149.3              | 20.7             | 16.8          | -94.66                 | 143.4        | -668.4       | 932.5                  | 895.6                   | 36.85                 | 25.305             |          |
| 12,375.0                                                                                        | 12,151.5              | 12,231.3              | 12,176.5              | 20.7             | 16.8          | -95.24                 | 136.7        | -668.3       | 933.5                  | 896.6                   | 36.85                 | 25.334             |          |
| 12,400.0                                                                                        | 12,170.3              | 12,260.2              | 12,204.0              | 20.7             | 16.8          | -95.82                 | 128.0        | -668.2       | 934.5                  | 897.7                   | 36.85                 | 25.361             |          |
| 12,425.0                                                                                        | 12,188.3              | 12,289.9              | 12,231.8              | 20.7             | 16.8          | -96.40                 | 117.4        | -668.2       | 935.6                  | 898.8                   | 36.86                 | 25.384             |          |
| 12,450.0                                                                                        | 12,205.3              | 12,320.6              | 12,259.7              | 20.8             | 16.8          | -96.97                 | 104.7        | -668.1       | 936.8                  | 900.0                   | 36.88                 | 25.401             |          |
| 12,475.0                                                                                        | 12,221.4              | 12,352.3              | 12,287.6              | 20.8             | 16.9          | -97.53                 | 89.7         | -667.9       | 938.1                  | 901.2                   | 36.92                 | 25.410             |          |
| 12,500.0                                                                                        | 12,236.4              | 12,385.0              | 12,315.3              | 20.8             | 16.9          | -98.09                 | 72.3         | -667.8       | 939.4                  | 902.4                   | 36.97                 | 25.409             |          |
| 12,525.0                                                                                        | 12,250.4              | 12,418.8              | 12,342.6              | 20.9             | 16.9          | -98.63                 | 52.3         | -667.6       | 940.7                  | 903.6                   | 37.04                 | 25.396             |          |
| 12,550.0                                                                                        | 12,263.2              | 12,453.7              | 12,369.2              | 20.9             | 16.9          | -99.15                 | 29.8         | -667.4       | 942.0                  | 904.9                   | 37.13                 | 25.369             |          |
| 12,575.0                                                                                        | 12,275.0              | 12,489.7              | 12,394.9              | 20.9             | 16.9          | -99.65                 | 4.5          | -667.2       | 943.3                  | 906.0                   | 37.24                 | 25.326             |          |
| 12,600.0                                                                                        | 12,285.5              | 12,526.8              | 12,419.3              | 21.0             | 17.0          | -100.12                | -23.4        | -667.0       | 944.5                  | 907.1                   | 37.38                 | 25.269             |          |
| 12,625.0                                                                                        | 12,294.9              | 12,565.0              | 12,442.0              | 21.0             | 17.0          | -100.56                | -54.1        | -666.7       | 945.7                  | 908.1                   | 37.53                 | 25.195             |          |
| 12,650.0                                                                                        | 12,303.0              | 12,604.3              | 12,462.8              | 21.0             | 17.0          | -100.96                | -87.4        | -666.5       | 946.7                  | 909.0                   | 37.71                 | 25.108             |          |
| 12,675.0                                                                                        | 12,309.9              | 12,644.5              | 12,481.2              | 21.1             | 17.1          | -101.31                | -123.2       | -666.2       | 947.7                  | 909.8                   | 37.90                 | 25.008             |          |

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

# ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

|                                                                                                        |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                         |                              |                           |                |
|--------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------------|-------------------------------|-----------------------------------------|------------------------------|---------------------------|----------------|
| <b>Offset Design:</b> PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                         |                              | <b>Offset Site Error:</b> | 0.0 usft       |
| <b>Survey Program:</b> 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                              |                              |                              |                         |                      |                              |                     |                     |                               |                                         |                              | <b>Offset Well Error:</b> | 0.0 usft       |
| <b>Reference</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>Distance Between Ellipses (usft)</b> | <b>No-Go Distance (usft)</b> | <b>Separation Factor</b>  | <b>Warning</b> |
| 12,700.0                                                                                               | 12,315.5                     | 12,685.7                     | 12,496.7                     | 21.1                    | 17.1                 | -101.61                      | -161.2              | -665.9              | 948.5                         | 910.4                                   | 38.09                        | 24.898                    |                |
| 12,725.0                                                                                               | 12,319.8                     | 12,727.5                     | 12,509.2                     | 21.2                    | 17.2                 | -101.85                      | -201.2              | -665.5              | 949.1                         | 910.8                                   | 38.30                        | 24.781                    |                |
| 12,750.0                                                                                               | 12,322.8                     | 12,769.9                     | 12,518.2                     | 21.2                    | 17.3                 | -102.02                      | -242.6              | -665.2              | 949.6                         | 911.1                                   | 38.51                        | 24.662                    |                |
| 12,775.0                                                                                               | 12,324.6                     | 12,812.7                     | 12,523.5                     | 21.3                    | 17.3                 | -102.13                      | -285.1              | -664.9              | 949.9                         | 911.2                                   | 38.70                        | 24.542                    |                |
| 12,795.5                                                                                               | 12,325.0                     | 12,848.1                     | 12,525.0                     | 21.3                    | 17.4                 | -102.17                      | -320.4              | -664.6              | 950.0                         | 911.1                                   | 38.86                        | 24.446                    |                |
| 12,800.0                                                                                               | 12,325.0                     | 12,855.8                     | 12,525.0                     | 21.3                    | 17.4                 | -102.16                      | -328.1              | -664.5              | 950.0                         | 911.1                                   | 38.89                        | 24.426                    |                |
| 12,841.2                                                                                               | 12,325.0                     | 12,894.8                     | 12,525.0                     | 21.4                    | 17.5                 | -102.17                      | -367.2              | -664.2              | 949.9                         | 910.9                                   | 39.02                        | 24.344                    |                |
| 12,900.0                                                                                               | 12,325.0                     | 12,953.7                     | 12,525.0                     | 21.6                    | 17.6                 | -102.17                      | -426.0              | -663.7              | 949.9                         | 910.7                                   | 39.25                        | 24.204                    |                |
| 13,000.0                                                                                               | 12,325.0                     | 13,053.7                     | 12,525.0                     | 21.8                    | 17.9                 | -102.17                      | -526.0              | -662.9              | 949.9                         | 910.2                                   | 39.68                        | 23.938                    |                |
| 13,100.0                                                                                               | 12,325.0                     | 13,153.7                     | 12,525.0                     | 22.1                    | 18.1                 | -102.17                      | -626.0              | -662.0              | 949.9                         | 909.7                                   | 40.18                        | 23.638                    |                |
| 13,200.0                                                                                               | 12,325.0                     | 13,253.7                     | 12,525.0                     | 22.4                    | 18.4                 | -102.17                      | -726.0              | -661.2              | 949.8                         | 909.1                                   | 40.75                        | 23.310                    |                |
| 13,300.0                                                                                               | 12,325.0                     | 13,353.7                     | 12,525.0                     | 22.7                    | 18.8                 | -102.17                      | -826.0              | -660.4              | 949.8                         | 908.4                                   | 41.37                        | 22.958                    |                |
| 13,400.0                                                                                               | 12,325.0                     | 13,453.7                     | 12,525.0                     | 23.0                    | 19.2                 | -102.17                      | -925.9              | -659.6              | 949.8                         | 907.7                                   | 42.05                        | 22.585                    |                |
| 13,500.0                                                                                               | 12,325.0                     | 13,553.7                     | 12,525.0                     | 23.4                    | 19.6                 | -102.17                      | -1,025.9            | -658.8              | 949.7                         | 906.9                                   | 42.79                        | 22.196                    |                |
| 13,600.0                                                                                               | 12,325.0                     | 13,653.7                     | 12,525.0                     | 23.8                    | 20.0                 | -102.17                      | -1,125.9            | -657.9              | 949.7                         | 906.1                                   | 43.58                        | 21.793                    |                |
| 13,700.0                                                                                               | 12,325.0                     | 13,753.7                     | 12,525.0                     | 24.2                    | 20.5                 | -102.17                      | -1,225.9            | -657.1              | 949.6                         | 905.2                                   | 44.41                        | 21.382                    |                |
| 13,800.0                                                                                               | 12,325.0                     | 13,853.7                     | 12,525.0                     | 24.7                    | 21.0                 | -102.17                      | -1,325.9            | -656.3              | 949.6                         | 904.3                                   | 45.30                        | 20.964                    |                |
| 13,900.0                                                                                               | 12,325.0                     | 13,953.7                     | 12,525.0                     | 25.1                    | 21.5                 | -102.17                      | -1,425.9            | -655.5              | 949.6                         | 903.3                                   | 46.22                        | 20.543                    |                |
| 14,000.0                                                                                               | 12,325.0                     | 14,053.7                     | 12,525.0                     | 25.6                    | 22.0                 | -102.17                      | -1,525.9            | -654.7              | 949.5                         | 902.3                                   | 47.19                        | 20.120                    |                |
| 14,100.0                                                                                               | 12,325.0                     | 14,153.7                     | 12,525.0                     | 26.1                    | 22.6                 | -102.17                      | -1,625.9            | -653.8              | 949.5                         | 901.3                                   | 48.20                        | 19.699                    |                |
| 14,200.0                                                                                               | 12,325.0                     | 14,253.7                     | 12,525.0                     | 26.6                    | 23.1                 | -102.17                      | -1,725.9            | -653.0              | 949.5                         | 900.2                                   | 49.24                        | 19.281                    |                |
| 14,300.0                                                                                               | 12,325.0                     | 14,353.7                     | 12,525.0                     | 27.1                    | 23.7                 | -102.17                      | -1,825.9            | -652.2              | 949.4                         | 899.1                                   | 50.32                        | 18.868                    |                |
| 14,400.0                                                                                               | 12,325.0                     | 14,453.7                     | 12,525.0                     | 27.7                    | 24.3                 | -102.17                      | -1,925.9            | -651.4              | 949.4                         | 898.0                                   | 51.43                        | 18.460                    |                |
| 14,500.0                                                                                               | 12,325.0                     | 14,553.7                     | 12,525.0                     | 28.2                    | 25.0                 | -102.17                      | -2,025.9            | -650.5              | 949.4                         | 896.8                                   | 52.57                        | 18.060                    |                |
| 14,600.0                                                                                               | 12,325.0                     | 14,653.7                     | 12,525.0                     | 28.8                    | 25.6                 | -102.17                      | -2,125.9            | -649.7              | 949.3                         | 895.6                                   | 53.73                        | 17.667                    |                |
| 14,700.0                                                                                               | 12,325.0                     | 14,753.7                     | 12,525.0                     | 29.4                    | 26.3                 | -102.17                      | -2,225.9            | -648.9              | 949.3                         | 894.4                                   | 54.93                        | 17.283                    |                |
| 14,800.0                                                                                               | 12,325.0                     | 14,853.7                     | 12,525.0                     | 30.0                    | 26.9                 | -102.18                      | -2,325.9            | -648.1              | 949.3                         | 893.1                                   | 56.14                        | 16.908                    |                |
| 14,900.0                                                                                               | 12,325.0                     | 14,953.7                     | 12,525.0                     | 30.6                    | 27.6                 | -102.18                      | -2,425.9            | -647.3              | 949.2                         | 891.8                                   | 57.38                        | 16.542                    |                |
| 15,000.0                                                                                               | 12,325.0                     | 15,053.7                     | 12,525.0                     | 31.2                    | 28.3                 | -102.18                      | -2,525.9            | -646.4              | 949.2                         | 890.5                                   | 58.64                        | 16.186                    |                |
| 15,100.0                                                                                               | 12,325.0                     | 15,153.7                     | 12,525.0                     | 31.8                    | 29.0                 | -102.18                      | -2,625.9            | -645.6              | 949.1                         | 889.2                                   | 59.92                        | 15.839                    |                |
| 15,200.0                                                                                               | 12,325.0                     | 15,253.7                     | 12,525.0                     | 32.5                    | 29.7                 | -102.18                      | -2,725.9            | -644.8              | 949.1                         | 887.9                                   | 61.22                        | 15.502                    |                |
| 15,300.0                                                                                               | 12,325.0                     | 15,353.7                     | 12,525.0                     | 33.2                    | 30.4                 | -102.18                      | -2,825.9            | -644.0              | 949.1                         | 886.5                                   | 62.54                        | 15.175                    |                |
| 15,400.0                                                                                               | 12,325.0                     | 15,453.7                     | 12,525.0                     | 33.8                    | 31.1                 | -102.18                      | -2,925.9            | -643.2              | 949.0                         | 885.2                                   | 63.88                        | 14.858                    |                |
| 15,500.0                                                                                               | 12,325.0                     | 15,553.7                     | 12,525.0                     | 34.5                    | 31.8                 | -102.18                      | -3,025.9            | -642.3              | 949.0                         | 883.8                                   | 65.22                        | 14.550                    |                |
| 15,600.0                                                                                               | 12,325.0                     | 15,653.7                     | 12,525.0                     | 35.2                    | 32.6                 | -102.18                      | -3,125.9            | -641.5              | 949.0                         | 882.4                                   | 66.59                        | 14.251                    |                |
| 15,700.0                                                                                               | 12,325.0                     | 15,753.7                     | 12,525.0                     | 35.9                    | 33.3                 | -102.18                      | -3,225.9            | -640.7              | 948.9                         | 881.0                                   | 67.97                        | 13.962                    |                |
| 15,800.0                                                                                               | 12,325.0                     | 15,853.7                     | 12,525.0                     | 36.6                    | 34.0                 | -102.18                      | -3,325.9            | -639.9              | 948.9                         | 879.5                                   | 69.36                        | 13.682                    |                |
| 15,900.0                                                                                               | 12,325.0                     | 15,953.7                     | 12,525.0                     | 37.3                    | 34.8                 | -102.18                      | -3,425.9            | -639.0              | 948.9                         | 878.1                                   | 70.76                        | 13.410                    |                |
| 16,000.0                                                                                               | 12,325.0                     | 16,053.7                     | 12,525.0                     | 38.0                    | 35.5                 | -102.18                      | -3,525.9            | -638.2              | 948.8                         | 876.7                                   | 72.17                        | 13.147                    |                |
| 16,100.0                                                                                               | 12,325.0                     | 16,153.7                     | 12,525.0                     | 38.7                    | 36.3                 | -102.18                      | -3,625.9            | -637.4              | 948.8                         | 875.2                                   | 73.59                        | 12.892                    |                |
| 16,200.0                                                                                               | 12,325.0                     | 16,253.7                     | 12,525.0                     | 39.4                    | 37.1                 | -102.18                      | -3,725.9            | -636.6              | 948.8                         | 873.7                                   | 75.03                        | 12.645                    |                |
| 16,300.0                                                                                               | 12,325.0                     | 16,353.7                     | 12,525.0                     | 40.1                    | 37.8                 | -102.18                      | -3,825.9            | -635.8              | 948.7                         | 872.2                                   | 76.47                        | 12.406                    |                |
| 16,400.0                                                                                               | 12,325.0                     | 16,453.7                     | 12,525.0                     | 40.9                    | 38.6                 | -102.18                      | -3,925.8            | -634.9              | 948.7                         | 870.8                                   | 77.92                        | 12.174                    |                |
| 16,500.0                                                                                               | 12,325.0                     | 16,553.7                     | 12,525.0                     | 41.6                    | 39.4                 | -102.18                      | -4,025.8            | -634.1              | 948.7                         | 869.3                                   | 79.39                        | 11.950                    |                |
| 16,600.0                                                                                               | 12,325.0                     | 16,653.7                     | 12,525.0                     | 42.3                    | 40.2                 | -102.18                      | -4,125.8            | -633.3              | 948.6                         | 867.8                                   | 80.85                        | 11.732                    |                |
| 16,700.0                                                                                               | 12,325.0                     | 16,753.7                     | 12,525.0                     | 43.1                    | 40.9                 | -102.18                      | -4,225.8            | -632.5              | 948.6                         | 866.2                                   | 82.33                        | 11.521                    |                |
| 16,800.0                                                                                               | 12,325.0                     | 16,853.7                     | 12,525.0                     | 43.8                    | 41.7                 | -102.18                      | -4,325.8            | -631.6              | 948.5                         | 864.7                                   | 83.82                        | 11.317                    |                |
| 16,900.0                                                                                               | 12,325.0                     | 16,953.7                     | 12,525.0                     | 44.6                    | 42.5                 | -102.18                      | -4,425.8            | -630.8              | 948.5                         | 863.2                                   | 85.31                        | 11.119                    |                |
| 17,000.0                                                                                               | 12,325.0                     | 17,053.7                     | 12,525.0                     | 45.3                    | 43.3                 | -102.19                      | -4,525.8            | -630.0              | 948.5                         | 861.7                                   | 86.80                        | 10.927                    |                |
| 17,100.0                                                                                               | 12,325.0                     | 17,153.7                     | 12,525.0                     | 46.1                    | 44.1                 | -102.19                      | -4,625.8            | -629.2              | 948.4                         | 860.1                                   | 88.31                        | 10.740                    |                |
| 17,200.0                                                                                               | 12,325.0                     | 17,253.7                     | 12,525.0                     | 46.9                    | 44.9                 | -102.19                      | -4,725.8            | -628.4              | 948.4                         | 858.6                                   | 89.81                        | 10.560                    |                |

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

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                 |                       |                       |                       |                        |               |                       |              |              |                        |                         |                    |          |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|--------------------|----------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0  |                       |                       |                       |                        |               |                       |              |              |                        |                         | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                        |               |                       |              |              |                        |                         | Offset Well Error: | 0.0 usft |
| Reference                                                                                       | Offset                | Semi Major Axis       |                       | Offset Wellbore Centre |               | Distance              |              | No-Go        |                        | Separation              | 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) | Distance (usft)    | Factor   |
| 17,300.0                                                                                        | 12,325.0              | 17,353.7              | 12,525.0              | 47.6                   | 45.7          | -102.19               | -4,825.8     | -627.5       | 948.4                  | 857.0                   | 91.33              | 10.384   |
| 17,400.0                                                                                        | 12,325.0              | 17,453.7              | 12,525.0              | 48.4                   | 46.5          | -102.19               | -4,925.8     | -626.7       | 948.3                  | 855.5                   | 92.85              | 10.214   |
| 17,500.0                                                                                        | 12,325.0              | 17,553.7              | 12,525.0              | 49.2                   | 47.3          | -102.19               | -5,025.8     | -625.9       | 948.3                  | 853.9                   | 94.37              | 10.048   |
| 17,600.0                                                                                        | 12,325.0              | 17,653.7              | 12,525.0              | 50.0                   | 48.1          | -102.19               | -5,125.8     | -625.1       | 948.3                  | 852.4                   | 95.90              | 9.888    |
| 17,700.0                                                                                        | 12,325.0              | 17,753.7              | 12,525.0              | 50.7                   | 48.9          | -102.19               | -5,225.8     | -624.3       | 948.2                  | 850.8                   | 97.44              | 9.732    |
| 17,800.0                                                                                        | 12,325.0              | 17,853.7              | 12,525.0              | 51.5                   | 49.7          | -102.19               | -5,325.8     | -623.4       | 948.2                  | 849.2                   | 98.97              | 9.580    |
| 17,900.0                                                                                        | 12,325.0              | 17,953.7              | 12,525.0              | 52.3                   | 50.5          | -102.19               | -5,425.8     | -622.6       | 948.2                  | 847.6                   | 100.52             | 9.433    |
| 18,000.0                                                                                        | 12,325.0              | 18,053.7              | 12,525.0              | 53.1                   | 51.3          | -102.19               | -5,525.8     | -621.8       | 948.1                  | 846.1                   | 102.06             | 9.290    |
| 18,100.0                                                                                        | 12,325.0              | 18,153.7              | 12,525.0              | 53.9                   | 52.1          | -102.19               | -5,625.8     | -621.0       | 948.1                  | 844.5                   | 103.61             | 9.150    |
| 18,200.0                                                                                        | 12,325.0              | 18,253.7              | 12,525.0              | 54.7                   | 53.0          | -102.19               | -5,725.8     | -620.1       | 948.0                  | 842.9                   | 105.17             | 9.015    |
| 18,300.0                                                                                        | 12,325.0              | 18,353.7              | 12,525.0              | 55.5                   | 53.8          | -102.19               | -5,825.8     | -619.3       | 948.0                  | 841.3                   | 106.72             | 8.883    |
| 18,400.0                                                                                        | 12,325.0              | 18,453.7              | 12,525.0              | 56.3                   | 54.6          | -102.19               | -5,925.8     | -618.5       | 948.0                  | 839.7                   | 108.28             | 8.755    |
| 18,500.0                                                                                        | 12,325.0              | 18,553.7              | 12,525.0              | 57.1                   | 55.4          | -102.19               | -6,025.8     | -617.7       | 947.9                  | 838.1                   | 109.85             | 8.630    |
| 18,600.0                                                                                        | 12,325.0              | 18,653.7              | 12,525.0              | 57.9                   | 56.2          | -102.19               | -6,125.8     | -616.9       | 947.9                  | 836.5                   | 111.41             | 8.508    |
| 18,700.0                                                                                        | 12,325.0              | 18,753.7              | 12,525.0              | 58.7                   | 57.0          | -102.19               | -6,225.8     | -616.0       | 947.9                  | 834.9                   | 112.98             | 8.389    |
| 18,800.0                                                                                        | 12,325.0              | 18,853.7              | 12,525.0              | 59.5                   | 57.9          | -102.19               | -6,325.8     | -615.2       | 947.8                  | 833.3                   | 114.56             | 8.274    |
| 18,900.0                                                                                        | 12,325.0              | 18,953.7              | 12,525.0              | 60.3                   | 58.7          | -102.19               | -6,425.8     | -614.4       | 947.8                  | 831.7                   | 116.13             | 8.162    |
| 19,000.0                                                                                        | 12,325.0              | 19,053.7              | 12,525.0              | 61.1                   | 59.5          | -102.19               | -6,525.8     | -613.6       | 947.8                  | 830.1                   | 117.71             | 8.052    |
| 19,100.0                                                                                        | 12,325.0              | 19,153.7              | 12,525.0              | 61.9                   | 60.3          | -102.20               | -6,625.8     | -612.7       | 947.7                  | 828.4                   | 119.29             | 7.945    |
| 19,200.0                                                                                        | 12,325.0              | 19,253.7              | 12,525.0              | 62.7                   | 61.2          | -102.20               | -6,725.8     | -611.9       | 947.7                  | 826.8                   | 120.87             | 7.841    |
| 19,300.0                                                                                        | 12,325.0              | 19,353.7              | 12,525.0              | 63.5                   | 62.0          | -102.20               | -6,825.8     | -611.1       | 947.7                  | 825.2                   | 122.45             | 7.739    |
| 19,400.0                                                                                        | 12,325.0              | 19,453.7              | 12,525.0              | 64.3                   | 62.8          | -102.20               | -6,925.7     | -610.3       | 947.6                  | 823.6                   | 124.04             | 7.640    |
| 19,500.0                                                                                        | 12,325.0              | 19,553.7              | 12,525.0              | 65.1                   | 63.7          | -102.20               | -7,025.7     | -609.5       | 947.6                  | 822.0                   | 125.63             | 7.543    |
| 19,600.0                                                                                        | 12,325.0              | 19,653.7              | 12,525.0              | 65.9                   | 64.5          | -102.20               | -7,125.7     | -608.6       | 947.6                  | 820.3                   | 127.22             | 7.448    |
| 19,700.0                                                                                        | 12,325.0              | 19,753.7              | 12,525.0              | 66.7                   | 65.3          | -102.20               | -7,225.7     | -607.8       | 947.5                  | 818.7                   | 128.81             | 7.356    |
| 19,800.0                                                                                        | 12,325.0              | 19,853.7              | 12,525.0              | 67.6                   | 66.1          | -102.20               | -7,325.7     | -607.0       | 947.5                  | 817.1                   | 130.40             | 7.266    |
| 19,900.0                                                                                        | 12,325.0              | 19,953.7              | 12,525.0              | 68.4                   | 67.0          | -102.20               | -7,425.7     | -606.2       | 947.4                  | 815.4                   | 132.00             | 7.178    |
| 20,000.0                                                                                        | 12,325.0              | 20,053.7              | 12,525.0              | 69.2                   | 67.8          | -102.20               | -7,525.7     | -605.4       | 947.4                  | 813.8                   | 133.60             | 7.091    |
| 20,100.0                                                                                        | 12,325.0              | 20,153.7              | 12,525.0              | 70.0                   | 68.6          | -102.20               | -7,625.7     | -604.5       | 947.4                  | 812.2                   | 135.20             | 7.007    |
| 20,200.0                                                                                        | 12,325.0              | 20,253.7              | 12,525.0              | 70.8                   | 69.5          | -102.20               | -7,725.7     | -603.7       | 947.3                  | 810.5                   | 136.80             | 6.925    |
| 20,300.0                                                                                        | 12,325.0              | 20,353.7              | 12,525.0              | 71.6                   | 70.3          | -102.20               | -7,825.7     | -602.9       | 947.3                  | 808.9                   | 138.40             | 6.845    |
| 20,400.0                                                                                        | 12,325.0              | 20,453.7              | 12,525.0              | 72.5                   | 71.1          | -102.20               | -7,925.7     | -602.1       | 947.3                  | 807.3                   | 140.01             | 6.766    |
| 20,500.0                                                                                        | 12,325.0              | 20,553.7              | 12,525.0              | 73.3                   | 72.0          | -102.20               | -8,025.7     | -601.2       | 947.2                  | 805.6                   | 141.61             | 6.689    |
| 20,600.0                                                                                        | 12,325.0              | 20,653.7              | 12,525.0              | 74.1                   | 72.8          | -102.20               | -8,125.7     | -600.4       | 947.2                  | 804.0                   | 143.22             | 6.614    |
| 20,700.0                                                                                        | 12,325.0              | 20,753.7              | 12,525.0              | 74.9                   | 73.6          | -102.20               | -8,225.7     | -599.6       | 947.2                  | 802.3                   | 144.83             | 6.540    |
| 20,800.0                                                                                        | 12,325.0              | 20,853.7              | 12,525.0              | 75.8                   | 74.5          | -102.20               | -8,325.7     | -598.8       | 947.1                  | 800.7                   | 146.44             | 6.468    |
| 20,900.0                                                                                        | 12,325.0              | 20,953.7              | 12,525.0              | 76.6                   | 75.3          | -102.20               | -8,425.7     | -598.0       | 947.1                  | 799.0                   | 148.05             | 6.397    |
| 21,000.0                                                                                        | 12,325.0              | 21,053.7              | 12,525.0              | 77.4                   | 76.2          | -102.20               | -8,525.7     | -597.1       | 947.1                  | 797.4                   | 149.66             | 6.328    |
| 21,100.0                                                                                        | 12,325.0              | 21,153.7              | 12,525.0              | 78.2                   | 77.0          | -102.20               | -8,625.7     | -596.3       | 947.0                  | 795.7                   | 151.27             | 6.260    |
| 21,200.0                                                                                        | 12,325.0              | 21,253.7              | 12,525.0              | 79.1                   | 77.8          | -102.20               | -8,725.7     | -595.5       | 947.0                  | 794.1                   | 152.89             | 6.194    |
| 21,300.0                                                                                        | 12,325.0              | 21,353.7              | 12,525.0              | 79.9                   | 78.7          | -102.21               | -8,825.7     | -594.7       | 946.9                  | 792.4                   | 154.50             | 6.129    |
| 21,400.0                                                                                        | 12,325.0              | 21,453.7              | 12,525.0              | 80.7                   | 79.5          | -102.21               | -8,925.7     | -593.9       | 946.9                  | 790.8                   | 156.12             | 6.065    |
| 21,500.0                                                                                        | 12,325.0              | 21,553.7              | 12,525.0              | 81.6                   | 80.4          | -102.21               | -9,025.7     | -593.0       | 946.9                  | 789.1                   | 157.74             | 6.003    |
| 21,600.0                                                                                        | 12,325.0              | 21,653.7              | 12,525.0              | 82.4                   | 81.2          | -102.21               | -9,125.7     | -592.2       | 946.8                  | 787.5                   | 159.35             | 5.942    |
| 21,700.0                                                                                        | 12,325.0              | 21,753.7              | 12,525.0              | 83.2                   | 82.0          | -102.21               | -9,225.7     | -591.4       | 946.8                  | 785.8                   | 160.97             | 5.882    |
| 21,800.0                                                                                        | 12,325.0              | 21,853.7              | 12,525.0              | 84.0                   | 82.9          | -102.21               | -9,325.7     | -590.6       | 946.8                  | 784.2                   | 162.59             | 5.823    |
| 21,900.0                                                                                        | 12,325.0              | 21,953.7              | 12,525.0              | 84.9                   | 83.7          | -102.21               | -9,425.7     | -589.7       | 946.7                  | 782.5                   | 164.22             | 5.765    |
| 22,000.0                                                                                        | 12,325.0              | 22,053.7              | 12,525.0              | 85.7                   | 84.6          | -102.21               | -9,525.7     | -588.9       | 946.7                  | 780.9                   | 165.84             | 5.709    |
| 22,100.0                                                                                        | 12,325.0              | 22,153.7              | 12,525.0              | 86.5                   | 85.4          | -102.21               | -9,625.7     | -588.1       | 946.7                  | 779.2                   | 167.46             | 5.653    |
| 22,200.0                                                                                        | 12,325.0              | 22,253.7              | 12,525.0              | 87.4                   | 86.2          | -102.21               | -9,725.7     | -587.3       | 946.6                  | 777.5                   | 169.09             | 5.599    |
| 22,300.0                                                                                        | 12,325.0              | 22,353.7              | 12,525.0              | 88.2                   | 87.1          | -102.21               | -9,825.6     | -586.5       | 946.6                  | 775.9                   | 170.71             | 5.545    |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                |                       |                                                                                 |                       |                  |               |                        |              |              |                        |                         |                       |                    |                    |          |
|------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|--------------------|----------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 704H - OWB - PWP0 |                       |                                                                                 |                       |                  |               |                        |              |              |                        |                         |                       |                    | Offset Site Error: | 0.0 usft |
| Survey Program:                                                                                |                       | 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12101-r.5 MWD+IFR1+SAG+FDIR |                       |                  |               |                        |              |              |                        | Rule Assigned:          |                       | Offset Well Error: | 0.0 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) | No-Go Distance (usft) | Separation Factor  | Warning            |          |
| 22,400.0                                                                                       | 12,325.0              | 22,453.7                                                                        | 12,525.0              | 89.0             | 87.9          | -102.21                | -9,925.6     | -585.6       | 946.6                  | 774.2                   | 172.34                | 5.493              |                    |          |
| 22,500.0                                                                                       | 12,325.0              | 22,553.7                                                                        | 12,525.0              | 89.9             | 88.8          | -102.21                | -10,025.6    | -584.8       | 946.5                  | 772.6                   | 173.96                | 5.441              |                    |          |
| 22,600.0                                                                                       | 12,325.0              | 22,653.7                                                                        | 12,525.0              | 90.7             | 89.6          | -102.21                | -10,125.6    | -584.0       | 946.5                  | 770.9                   | 175.59                | 5.390              |                    |          |
| 22,700.0                                                                                       | 12,325.0              | 22,753.7                                                                        | 12,525.0              | 91.6             | 90.5          | -102.21                | -10,225.6    | -583.2       | 946.5                  | 769.2                   | 177.22                | 5.341              |                    |          |
| 22,774.1                                                                                       | 12,325.0              | 22,827.7                                                                        | 12,525.0              | 92.2             | 91.1          | -102.21                | -10,299.7    | -582.6       | 946.4                  | 768.0                   | 178.42                | 5.304              |                    |          |

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0 |              |                                                                                 |                 |           |        |                   |                        |              |                        |                         |                             |           | Offset Site Error: 0.0 usft |  |
|------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------|-----------------|-----------|--------|-------------------|------------------------|--------------|------------------------|-------------------------|-----------------------------|-----------|-----------------------------|--|
| Survey Program:                                                                                |              | 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12061-r.5 MWD+IFR1+SAG+FDIR |                 |           |        |                   |                        |              | Rule Assigned:         |                         | Offset Well Error: 0.0 usft |           |                             |  |
| Measured Depth                                                                                 | Reference    | Offset                                                                          | Semi Major Axis | Reference | Offset | Highside Toolface | Offset Wellbore Centre |              | Distance               |                         | Separation Factor           | Warning   |                             |  |
| Depth (usft)                                                                                   | Depth (usft) | Depth (usft)                                                                    | Depth (usft)    | (usft)    | (usft) | (°)               | +N/-S (usft)           | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) |                             |           |                             |  |
| 8,400.0                                                                                        | 8,206.0      | 8,232.5                                                                         | 8,219.0         | 17.8      | 12.0   | -5.25             | 143.5                  | -2,520.1     | 996.8                  | 967.0                   | 29.80                       | 33.454    |                             |  |
| 8,500.0                                                                                        | 8,304.8      | 8,331.3                                                                         | 8,317.8         | 18.0      | 12.1   | -5.32             | 143.5                  | -2,520.1     | 981.6                  | 951.5                   | 30.10                       | 32.613    |                             |  |
| 8,600.0                                                                                        | 8,403.9      | 8,430.4                                                                         | 8,416.9         | 18.2      | 12.2   | -5.38             | 143.5                  | -2,520.1     | 968.3                  | 937.9                   | 30.40                       | 31.851    |                             |  |
| 8,700.0                                                                                        | 8,503.2      | 8,529.7                                                                         | 8,516.2         | 18.4      | 12.3   | -5.44             | 143.5                  | -2,520.1     | 956.6                  | 925.9                   | 30.69                       | 31.168    |                             |  |
| 8,800.0                                                                                        | 8,602.7      | 8,629.2                                                                         | 8,615.7         | 18.6      | 12.4   | -5.48             | 143.5                  | -2,520.1     | 946.6                  | 915.7                   | 30.98                       | 30.561    |                             |  |
| 8,900.0                                                                                        | 8,702.4      | 8,728.9                                                                         | 8,715.4         | 18.7      | 12.5   | -5.52             | 143.5                  | -2,520.1     | 938.4                  | 907.2                   | 31.25                       | 30.028    |                             |  |
| 9,000.0                                                                                        | 8,802.2      | 8,828.7                                                                         | 8,815.2         | 18.9      | 12.6   | -5.56             | 143.5                  | -2,520.1     | 932.0                  | 900.4                   | 31.52                       | 29.569    |                             |  |
| 9,100.0                                                                                        | 8,902.0      | 8,928.5                                                                         | 8,915.0         | 19.1      | 12.7   | -5.58             | 143.5                  | -2,520.1     | 927.2                  | 895.4                   | 31.77                       | 29.182    |                             |  |
| 9,200.0                                                                                        | 9,002.0      | 9,028.5                                                                         | 9,015.0         | 19.2      | 12.8   | -5.60             | 143.5                  | -2,520.1     | 924.2                  | 892.2                   | 32.01                       | 28.869    |                             |  |
| 9,300.0                                                                                        | 9,102.0      | 9,128.5                                                                         | 9,115.0         | 19.3      | 12.8   | -5.60             | 143.5                  | -2,520.1     | 922.9                  | 890.7                   | 32.23                       | 28.636    |                             |  |
| 9,323.0                                                                                        | 9,125.0      | 9,151.5                                                                         | 9,138.0         | 19.3      | 12.9   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.6                   | 32.26                       | 28.610    |                             |  |
| 9,400.0                                                                                        | 9,202.0      | 9,228.5                                                                         | 9,215.0         | 19.4      | 12.9   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.6                   | 32.34                       | 28.536    |                             |  |
| 9,500.0                                                                                        | 9,302.0      | 9,328.5                                                                         | 9,315.0         | 19.4      | 13.0   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.4                   | 32.46                       | 28.432    |                             |  |
| 9,600.0                                                                                        | 9,402.0      | 9,428.5                                                                         | 9,415.0         | 19.4      | 13.1   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.3                   | 32.58                       | 28.328    |                             |  |
| 9,700.0                                                                                        | 9,502.0      | 9,528.5                                                                         | 9,515.0         | 19.5      | 13.2   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.2                   | 32.70                       | 28.225    |                             |  |
| 9,800.0                                                                                        | 9,602.0      | 9,628.5                                                                         | 9,615.0         | 19.5      | 13.3   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.1                   | 32.82                       | 28.122    |                             |  |
| 9,900.0                                                                                        | 9,702.0      | 9,728.5                                                                         | 9,715.0         | 19.6      | 13.4   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 890.0                   | 32.94                       | 28.020    |                             |  |
| 10,000.0                                                                                       | 9,802.0      | 9,828.5                                                                         | 9,815.0         | 19.6      | 13.5   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.8                   | 33.06                       | 27.918    |                             |  |
| 10,100.0                                                                                       | 9,902.0      | 9,928.5                                                                         | 9,915.0         | 19.7      | 13.6   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.7                   | 33.18                       | 27.816    |                             |  |
| 10,200.0                                                                                       | 10,002.0     | 10,028.5                                                                        | 10,015.0        | 19.7      | 13.7   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.6                   | 33.30                       | 27.715    |                             |  |
| 10,300.0                                                                                       | 10,102.0     | 10,128.5                                                                        | 10,115.0        | 19.7      | 13.8   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.5                   | 33.42                       | 27.615    |                             |  |
| 10,400.0                                                                                       | 10,202.0     | 10,228.5                                                                        | 10,215.0        | 19.8      | 13.8   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.4                   | 33.54                       | 27.515    |                             |  |
| 10,500.0                                                                                       | 10,302.0     | 10,328.5                                                                        | 10,315.0        | 19.8      | 13.9   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.2                   | 33.66                       | 27.415    |                             |  |
| 10,600.0                                                                                       | 10,402.0     | 10,428.5                                                                        | 10,415.0        | 19.9      | 14.0   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.1                   | 33.79                       | 27.316    |                             |  |
| 10,700.0                                                                                       | 10,502.0     | 10,528.5                                                                        | 10,515.0        | 19.9      | 14.1   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 889.0                   | 33.91                       | 27.217    |                             |  |
| 10,800.0                                                                                       | 10,602.0     | 10,628.5                                                                        | 10,615.0        | 20.0      | 14.2   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.9                   | 34.03                       | 27.118    |                             |  |
| 10,900.0                                                                                       | 10,702.0     | 10,728.5                                                                        | 10,715.0        | 20.0      | 14.3   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.7                   | 34.16                       | 27.021    |                             |  |
| 11,000.0                                                                                       | 10,802.0     | 10,828.5                                                                        | 10,815.0        | 20.1      | 14.4   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.6                   | 34.28                       | 26.923    |                             |  |
| 11,100.0                                                                                       | 10,902.0     | 10,928.5                                                                        | 10,915.0        | 20.1      | 14.5   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.5                   | 34.40                       | 26.826    |                             |  |
| 11,200.0                                                                                       | 11,002.0     | 11,028.5                                                                        | 11,015.0        | 20.1      | 14.6   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.4                   | 34.53                       | 26.730    |                             |  |
| 11,300.0                                                                                       | 11,102.0     | 11,128.5                                                                        | 11,115.0        | 20.2      | 14.6   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.3                   | 34.65                       | 26.634    |                             |  |
| 11,400.0                                                                                       | 11,202.0     | 11,228.5                                                                        | 11,215.0        | 20.2      | 14.7   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.1                   | 34.78                       | 26.538    |                             |  |
| 11,500.0                                                                                       | 11,302.0     | 11,328.5                                                                        | 11,315.0        | 20.3      | 14.8   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 888.0                   | 34.90                       | 26.443    |                             |  |
| 11,600.0                                                                                       | 11,402.0     | 11,428.5                                                                        | 11,415.0        | 20.3      | 14.9   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.9                   | 35.03                       | 26.348    |                             |  |
| 11,700.0                                                                                       | 11,502.0     | 11,528.5                                                                        | 11,515.0        | 20.4      | 15.0   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.8                   | 35.15                       | 26.254    |                             |  |
| 11,800.0                                                                                       | 11,602.0     | 11,628.5                                                                        | 11,615.0        | 20.4      | 15.1   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.6                   | 35.28                       | 26.160    |                             |  |
| 11,900.0                                                                                       | 11,702.0     | 11,728.5                                                                        | 11,715.0        | 20.5      | 15.2   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.5                   | 35.41                       | 26.067    |                             |  |
| 12,000.0                                                                                       | 11,802.0     | 11,828.5                                                                        | 11,815.0        | 20.5      | 15.3   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.4                   | 35.53                       | 25.974    |                             |  |
| 12,045.5                                                                                       | 11,847.5     | 11,874.0                                                                        | 11,860.5        | 20.5      | 15.3   | -90.30            | 143.5                  | -2,520.1     | 922.9                  | 887.3                   | 35.58                       | 25.940 CC |                             |  |
| 12,050.0                                                                                       | 11,852.0     | 11,878.5                                                                        | 11,865.0        | 20.5      | 15.3   | 90.19             | 143.5                  | -2,520.1     | 922.9                  | 887.3                   | 35.58                       | 25.937    |                             |  |
| 12,075.0                                                                                       | 11,877.0     | 11,903.5                                                                        | 11,890.0        | 20.5      | 15.3   | 90.25             | 143.5                  | -2,520.1     | 922.9                  | 887.3                   | 35.61                       | 25.919    |                             |  |
| 12,100.0                                                                                       | 11,901.9     | 11,928.4                                                                        | 11,914.9        | 20.5      | 15.4   | 90.38             | 143.5                  | -2,520.1     | 922.9                  | 887.3                   | 35.63                       | 25.902    |                             |  |
| 12,125.0                                                                                       | 11,926.6     | 11,953.1                                                                        | 11,939.6        | 20.5      | 15.4   | 90.59             | 143.5                  | -2,520.1     | 922.9                  | 887.3                   | 35.66                       | 25.885    |                             |  |
| 12,150.0                                                                                       | 11,951.2     | 11,977.7                                                                        | 11,964.2        | 20.6      | 15.4   | 90.88             | 143.5                  | -2,520.1     | 923.0                  | 887.3                   | 35.68                       | 25.868    |                             |  |
| 12,175.0                                                                                       | 11,975.4     | 12,001.9                                                                        | 11,988.4        | 20.6      | 15.4   | 91.23             | 143.5                  | -2,520.1     | 923.1                  | 887.4                   | 35.71                       | 25.851    |                             |  |
| 12,200.0                                                                                       | 11,999.3     | 12,025.8                                                                        | 12,012.3        | 20.6      | 15.4   | 91.64             | 143.5                  | -2,520.1     | 923.3                  | 887.6                   | 35.73                       | 25.841    |                             |  |
| 12,225.0                                                                                       | 12,022.8     | 12,049.3                                                                        | 12,035.8        | 20.6      | 15.4   | 92.10             | 143.5                  | -2,520.1     | 923.6                  | 887.9                   | 35.75                       | 25.833    |                             |  |
| 12,250.0                                                                                       | 12,045.8     | 12,073.5                                                                        | 12,060.0        | 20.6      | 15.4   | 92.63             | 143.3                  | -2,520.1     | 924.0                  | 888.3                   | 35.77                       | 25.831    |                             |  |
| 12,275.0                                                                                       | 12,068.3     | 12,099.3                                                                        | 12,085.7        | 20.6      | 15.5   | 93.19             | 142.0                  | -2,520.1     | 924.6                  | 888.8                   | 35.79                       | 25.835    |                             |  |
| 12,300.0                                                                                       | 12,090.1     | 12,125.7                                                                        | 12,112.0        | 20.6      | 15.5   | 93.75             | 139.1                  | -2,520.1     | 925.2                  | 889.4                   | 35.80                       | 25.842    |                             |  |
| 12,325.0                                                                                       | 12,111.3     | 12,152.7                                                                        | 12,138.7        | 20.6      | 15.5   | 94.30             | 134.7                  | -2,520.1     | 926.0                  | 890.1                   | 35.82                       | 25.851    |                             |  |

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

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                 |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                    |          |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|----------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0  |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12061-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Well Error: | 0.0 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) | No-Go Distance (usft) | Separation Factor  | Warning  |
| 12,350.0                                                                                        | 12,131.8              | 12,180.5              | 12,165.7              | 20.7             | 15.5          | 94.86                  | 128.6        | -2,520.0     | 926.8                  | 890.9                   | 35.84                 | 25.862             |          |
| 12,375.0                                                                                        | 12,151.5              | 12,209.0              | 12,193.2              | 20.7             | 15.5          | 95.41                  | 120.8        | -2,519.9     | 927.7                  | 891.8                   | 35.85                 | 25.873             |          |
| 12,400.0                                                                                        | 12,170.3              | 12,238.3              | 12,220.8              | 20.7             | 15.5          | 95.95                  | 111.0        | -2,519.9     | 928.7                  | 892.8                   | 35.88                 | 25.883             |          |
| 12,425.0                                                                                        | 12,188.3              | 12,268.5              | 12,248.5              | 20.7             | 15.5          | 96.49                  | 99.1         | -2,519.8     | 929.7                  | 893.8                   | 35.91                 | 25.891             |          |
| 12,450.0                                                                                        | 12,205.3              | 12,299.5              | 12,276.2              | 20.8             | 15.6          | 97.02                  | 85.2         | -2,519.6     | 930.8                  | 894.8                   | 35.94                 | 25.896             |          |
| 12,475.0                                                                                        | 12,221.4              | 12,331.4              | 12,303.7              | 20.8             | 15.6          | 97.54                  | 69.0         | -2,519.5     | 931.9                  | 895.9                   | 35.99                 | 25.895             |          |
| 12,500.0                                                                                        | 12,236.4              | 12,364.3              | 12,330.8              | 20.8             | 15.6          | 98.04                  | 50.4         | -2,519.3     | 933.0                  | 897.0                   | 36.04                 | 25.888             |          |
| 12,525.0                                                                                        | 12,250.4              | 12,398.1              | 12,357.3              | 20.9             | 15.6          | 98.53                  | 29.4         | -2,519.2     | 934.2                  | 898.1                   | 36.11                 | 25.873             |          |
| 12,550.0                                                                                        | 12,263.2              | 12,432.9              | 12,382.9              | 20.9             | 15.6          | 98.99                  | 5.9          | -2,519.0     | 935.3                  | 899.1                   | 36.18                 | 25.850             |          |
| 12,575.0                                                                                        | 12,275.0              | 12,468.6              | 12,407.4              | 20.9             | 15.7          | 99.43                  | -20.1        | -2,518.7     | 936.4                  | 900.1                   | 36.27                 | 25.818             |          |
| 12,600.0                                                                                        | 12,285.5              | 12,505.3              | 12,430.4              | 21.0             | 15.7          | 99.84                  | -48.7        | -2,518.5     | 937.4                  | 901.1                   | 36.37                 | 25.777             |          |
| 12,625.0                                                                                        | 12,294.9              | 12,542.9              | 12,451.6              | 21.0             | 15.7          | 100.22                 | -79.7        | -2,518.2     | 938.4                  | 901.9                   | 36.47                 | 25.729             |          |
| 12,650.0                                                                                        | 12,303.0              | 12,581.3              | 12,470.8              | 21.0             | 15.8          | 100.55                 | -112.9       | -2,517.9     | 939.3                  | 902.7                   | 36.59                 | 25.673             |          |
| 12,675.0                                                                                        | 12,309.9              | 12,620.4              | 12,487.5              | 21.1             | 15.8          | 100.84                 | -148.4       | -2,517.6     | 940.0                  | 903.3                   | 36.70                 | 25.613             |          |
| 12,700.0                                                                                        | 12,315.5              | 12,660.3              | 12,501.4              | 21.1             | 15.8          | 101.08                 | -185.7       | -2,517.3     | 940.7                  | 903.8                   | 36.82                 | 25.550             |          |
| 12,725.0                                                                                        | 12,319.8              | 12,700.6              | 12,512.3              | 21.2             | 15.8          | 101.26                 | -224.5       | -2,517.0     | 941.1                  | 904.2                   | 36.93                 | 25.485             |          |
| 12,750.0                                                                                        | 12,322.8              | 12,741.4              | 12,519.9              | 21.2             | 15.9          | 101.39                 | -264.5       | -2,516.6     | 941.5                  | 904.4                   | 37.03                 | 25.422             |          |
| 12,775.0                                                                                        | 12,324.6              | 12,782.4              | 12,524.1              | 21.3             | 15.9          | 101.45                 | -305.3       | -2,516.3     | 941.6                  | 904.5                   | 37.13                 | 25.362             |          |
| 12,795.5                                                                                        | 12,325.0              | 12,814.2              | 12,525.0              | 21.3             | 15.9          | 101.45                 | -337.1       | -2,516.0     | 941.7                  | 904.5                   | 37.20                 | 25.316             |          |
| 12,800.0                                                                                        | 12,325.0              | 12,818.6              | 12,525.0              | 21.3             | 15.9          | 101.45                 | -341.5       | -2,516.0     | 941.7                  | 904.4                   | 37.21                 | 25.305             |          |
| 12,900.0                                                                                        | 12,325.0              | 12,918.6              | 12,525.0              | 21.6             | 16.0          | 101.45                 | -441.5       | -2,515.1     | 941.7                  | 904.0                   | 37.61                 | 25.040             |          |
| 13,000.0                                                                                        | 12,325.0              | 13,018.6              | 12,525.0              | 21.8             | 16.2          | 101.45                 | -541.5       | -2,514.3     | 941.7                  | 903.6                   | 38.07                 | 24.734             |          |
| 13,100.0                                                                                        | 12,325.0              | 13,118.6              | 12,525.0              | 22.1             | 16.5          | 101.45                 | -641.5       | -2,513.4     | 941.7                  | 903.0                   | 38.60                 | 24.393             |          |
| 13,200.0                                                                                        | 12,325.0              | 13,218.6              | 12,525.0              | 22.4             | 16.8          | 101.45                 | -741.5       | -2,512.5     | 941.7                  | 902.5                   | 39.20                 | 24.021             |          |
| 13,300.0                                                                                        | 12,325.0              | 13,318.6              | 12,525.0              | 22.7             | 17.2          | 101.45                 | -841.5       | -2,511.7     | 941.7                  | 901.8                   | 39.86                 | 23.623             |          |
| 13,400.0                                                                                        | 12,325.0              | 13,418.6              | 12,525.0              | 23.0             | 17.6          | 101.45                 | -941.5       | -2,510.8     | 941.7                  | 901.1                   | 40.58                 | 23.205             |          |
| 13,500.0                                                                                        | 12,325.0              | 13,518.6              | 12,525.0              | 23.4             | 18.1          | 101.45                 | -1,041.5     | -2,510.0     | 941.7                  | 900.3                   | 41.35                 | 22.771             |          |
| 13,600.0                                                                                        | 12,325.0              | 13,618.6              | 12,525.0              | 23.8             | 18.6          | 101.45                 | -1,141.5     | -2,509.1     | 941.7                  | 899.5                   | 42.18                 | 22.324             |          |
| 13,700.0                                                                                        | 12,325.0              | 13,718.6              | 12,525.0              | 24.2             | 19.1          | 101.45                 | -1,241.5     | -2,508.3     | 941.7                  | 898.6                   | 43.06                 | 21.870             |          |
| 13,800.0                                                                                        | 12,325.0              | 13,818.6              | 12,525.0              | 24.7             | 19.6          | 101.45                 | -1,341.5     | -2,507.4     | 941.7                  | 897.7                   | 43.98                 | 21.411             |          |
| 13,900.0                                                                                        | 12,325.0              | 13,918.6              | 12,525.0              | 25.1             | 20.2          | 101.45                 | -1,441.5     | -2,506.5     | 941.7                  | 896.7                   | 44.95                 | 20.950             |          |
| 14,000.0                                                                                        | 12,325.0              | 14,018.6              | 12,525.0              | 25.6             | 20.8          | 101.45                 | -1,541.5     | -2,505.7     | 941.7                  | 895.7                   | 45.95                 | 20.491             |          |
| 14,100.0                                                                                        | 12,325.0              | 14,118.6              | 12,525.0              | 26.1             | 21.4          | 101.45                 | -1,641.5     | -2,504.8     | 941.7                  | 894.7                   | 47.00                 | 20.035             |          |
| 14,200.0                                                                                        | 12,325.0              | 14,218.6              | 12,525.0              | 26.6             | 22.0          | 101.45                 | -1,741.5     | -2,504.0     | 941.7                  | 893.6                   | 48.08                 | 19.585             |          |
| 14,300.0                                                                                        | 12,325.0              | 14,318.6              | 12,525.0              | 27.1             | 22.6          | 101.45                 | -1,841.5     | -2,503.1     | 941.7                  | 892.5                   | 49.20                 | 19.141             |          |
| 14,400.0                                                                                        | 12,325.0              | 14,418.6              | 12,525.0              | 27.7             | 23.3          | 101.45                 | -1,941.5     | -2,502.2     | 941.7                  | 891.3                   | 50.34                 | 18.705             |          |
| 14,500.0                                                                                        | 12,325.0              | 14,518.6              | 12,525.0              | 28.2             | 23.9          | 101.45                 | -2,041.5     | -2,501.4     | 941.7                  | 890.1                   | 51.52                 | 18.279             |          |
| 14,600.0                                                                                        | 12,325.0              | 14,618.6              | 12,525.0              | 28.8             | 24.6          | 101.45                 | -2,141.5     | -2,500.5     | 941.7                  | 888.9                   | 52.72                 | 17.862             |          |
| 14,700.0                                                                                        | 12,325.0              | 14,718.6              | 12,525.0              | 29.4             | 25.3          | 101.45                 | -2,241.4     | -2,499.7     | 941.7                  | 887.7                   | 53.95                 | 17.455             |          |
| 14,800.0                                                                                        | 12,325.0              | 14,818.6              | 12,525.0              | 30.0             | 26.0          | 101.45                 | -2,341.4     | -2,498.8     | 941.7                  | 886.5                   | 55.20                 | 17.060             |          |
| 14,900.0                                                                                        | 12,325.0              | 14,918.6              | 12,525.0              | 30.6             | 26.7          | 101.45                 | -2,441.4     | -2,498.0     | 941.7                  | 885.2                   | 56.47                 | 16.676             |          |
| 15,000.0                                                                                        | 12,325.0              | 15,018.6              | 12,525.0              | 31.2             | 27.4          | 101.45                 | -2,541.4     | -2,497.1     | 941.7                  | 883.9                   | 57.76                 | 16.302             |          |
| 15,100.0                                                                                        | 12,325.0              | 15,118.6              | 12,525.0              | 31.8             | 28.1          | 101.45                 | -2,641.4     | -2,496.2     | 941.7                  | 882.6                   | 59.07                 | 15.940             |          |
| 15,200.0                                                                                        | 12,325.0              | 15,218.6              | 12,525.0              | 32.5             | 28.9          | 101.45                 | -2,741.4     | -2,495.4     | 941.7                  | 881.2                   | 60.40                 | 15.589             |          |
| 15,300.0                                                                                        | 12,325.0              | 15,318.6              | 12,525.0              | 33.2             | 29.6          | 101.45                 | -2,841.4     | -2,494.5     | 941.7                  | 879.9                   | 61.75                 | 15.249             |          |
| 15,400.0                                                                                        | 12,325.0              | 15,418.6              | 12,525.0              | 33.8             | 30.4          | 101.45                 | -2,941.4     | -2,493.7     | 941.7                  | 878.5                   | 63.11                 | 14.920             |          |
| 15,500.0                                                                                        | 12,325.0              | 15,518.6              | 12,525.0              | 34.5             | 31.1          | 101.45                 | -3,041.4     | -2,492.8     | 941.7                  | 877.2                   | 64.49                 | 14.601             |          |
| 15,600.0                                                                                        | 12,325.0              | 15,618.6              | 12,525.0              | 35.2             | 31.9          | 101.45                 | -3,141.4     | -2,492.0     | 941.7                  | 875.8                   | 65.88                 | 14.293             |          |
| 15,700.0                                                                                        | 12,325.0              | 15,718.6              | 12,525.0              | 35.9             | 32.6          | 101.45                 | -3,241.4     | -2,491.1     | 941.7                  | 874.4                   | 67.29                 | 13.995             |          |
| 15,800.0                                                                                        | 12,325.0              | 15,818.6              | 12,525.0              | 36.6             | 33.4          | 101.45                 | -3,341.4     | -2,490.2     | 941.7                  | 873.0                   | 68.70                 | 13.707             |          |
| 15,900.0                                                                                        | 12,325.0              | 15,918.6              | 12,525.0              | 37.3             | 34.2          | 101.45                 | -3,441.4     | -2,489.4     | 941.7                  | 871.5                   | 70.13                 | 13.428             |          |

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

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                 |                       |                       |                       |                        |               |                       |              |              |                        |                         |                       |                   |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------------|---------------|-----------------------|--------------|--------------|------------------------|-------------------------|-----------------------|-------------------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0  |                       |                       |                       |                        |               |                       |              |              |                        |                         | Offset Site Error:    | 0.0 usft          |
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12061-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                        |               |                       |              |              |                        |                         | Offset Well Error:    | 0.0 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) | No-Go Distance (usft) | Separation Factor |
| 16,000.0                                                                                        | 12,325.0              | 16,018.6              | 12,525.0              | 38.0                   | 34.9          | 101.45                | -3,541.4     | -2,488.5     | 941.7                  | 870.1                   | 71.57                 | 13.158            |
| 16,100.0                                                                                        | 12,325.0              | 16,118.6              | 12,525.0              | 38.7                   | 35.7          | 101.45                | -3,641.4     | -2,487.7     | 941.7                  | 868.6                   | 73.01                 | 12.897            |
| 16,200.0                                                                                        | 12,325.0              | 16,218.6              | 12,525.0              | 39.4                   | 36.5          | 101.45                | -3,741.4     | -2,486.8     | 941.7                  | 867.2                   | 74.47                 | 12.645            |
| 16,300.0                                                                                        | 12,325.0              | 16,318.6              | 12,525.0              | 40.1                   | 37.3          | 101.45                | -3,841.4     | -2,485.9     | 941.7                  | 865.7                   | 75.94                 | 12.401            |
| 16,400.0                                                                                        | 12,325.0              | 16,418.6              | 12,525.0              | 40.9                   | 38.1          | 101.45                | -3,941.4     | -2,485.1     | 941.7                  | 864.2                   | 77.41                 | 12.164            |
| 16,500.0                                                                                        | 12,325.0              | 16,518.6              | 12,525.0              | 41.6                   | 38.9          | 101.45                | -4,041.4     | -2,484.2     | 941.7                  | 862.8                   | 78.89                 | 11.936            |
| 16,600.0                                                                                        | 12,325.0              | 16,618.6              | 12,525.0              | 42.3                   | 39.7          | 101.45                | -4,141.4     | -2,483.4     | 941.7                  | 861.3                   | 80.38                 | 11.715            |
| 16,700.0                                                                                        | 12,325.0              | 16,718.6              | 12,525.0              | 43.1                   | 40.4          | 101.45                | -4,241.4     | -2,482.5     | 941.7                  | 859.8                   | 81.88                 | 11.501            |
| 16,800.0                                                                                        | 12,325.0              | 16,818.6              | 12,525.0              | 43.8                   | 41.2          | 101.45                | -4,341.4     | -2,481.7     | 941.7                  | 858.3                   | 83.38                 | 11.293            |
| 16,900.0                                                                                        | 12,325.0              | 16,918.6              | 12,525.0              | 44.6                   | 42.0          | 101.45                | -4,441.4     | -2,480.8     | 941.7                  | 856.8                   | 84.89                 | 11.092            |
| 17,000.0                                                                                        | 12,325.0              | 17,018.6              | 12,525.0              | 45.3                   | 42.9          | 101.45                | -4,541.4     | -2,479.9     | 941.7                  | 855.2                   | 86.41                 | 10.898            |
| 17,100.0                                                                                        | 12,325.0              | 17,118.6              | 12,525.0              | 46.1                   | 43.7          | 101.45                | -4,641.4     | -2,479.1     | 941.7                  | 853.7                   | 87.93                 | 10.709            |
| 17,200.0                                                                                        | 12,325.0              | 17,218.6              | 12,525.0              | 46.9                   | 44.5          | 101.45                | -4,741.4     | -2,478.2     | 941.7                  | 852.2                   | 89.46                 | 10.526            |
| 17,300.0                                                                                        | 12,325.0              | 17,318.6              | 12,525.0              | 47.6                   | 45.3          | 101.45                | -4,841.4     | -2,477.4     | 941.7                  | 850.7                   | 90.99                 | 10.349            |
| 17,400.0                                                                                        | 12,325.0              | 17,418.6              | 12,525.0              | 48.4                   | 46.1          | 101.45                | -4,941.3     | -2,476.5     | 941.7                  | 849.1                   | 92.52                 | 10.177            |
| 17,500.0                                                                                        | 12,325.0              | 17,518.6              | 12,525.0              | 49.2                   | 46.9          | 101.45                | -5,041.3     | -2,475.7     | 941.7                  | 847.6                   | 94.07                 | 10.011            |
| 17,600.0                                                                                        | 12,325.0              | 17,618.6              | 12,525.0              | 50.0                   | 47.7          | 101.45                | -5,141.3     | -2,474.8     | 941.7                  | 846.0                   | 95.61                 | 9.849             |
| 17,700.0                                                                                        | 12,325.0              | 17,718.6              | 12,525.0              | 50.7                   | 48.5          | 101.45                | -5,241.3     | -2,473.9     | 941.7                  | 844.5                   | 97.16                 | 9.692             |
| 17,800.0                                                                                        | 12,325.0              | 17,818.6              | 12,525.0              | 51.5                   | 49.4          | 101.45                | -5,341.3     | -2,473.1     | 941.7                  | 842.9                   | 98.71                 | 9.539             |
| 17,900.0                                                                                        | 12,325.0              | 17,918.6              | 12,525.0              | 52.3                   | 50.2          | 101.45                | -5,441.3     | -2,472.2     | 941.7                  | 841.4                   | 100.27                | 9.391             |
| 18,000.0                                                                                        | 12,325.0              | 18,018.6              | 12,525.0              | 53.1                   | 51.0          | 101.45                | -5,541.3     | -2,471.4     | 941.7                  | 839.8                   | 101.83                | 9.247             |
| 18,100.0                                                                                        | 12,325.0              | 18,118.6              | 12,525.0              | 53.9                   | 51.8          | 101.45                | -5,641.3     | -2,470.5     | 941.7                  | 838.3                   | 103.40                | 9.107             |
| 18,200.0                                                                                        | 12,325.0              | 18,218.6              | 12,525.0              | 54.7                   | 52.6          | 101.45                | -5,741.3     | -2,469.6     | 941.7                  | 836.7                   | 104.97                | 8.971             |
| 18,300.0                                                                                        | 12,325.0              | 18,318.6              | 12,525.0              | 55.5                   | 53.5          | 101.45                | -5,841.3     | -2,468.8     | 941.7                  | 835.1                   | 106.54                | 8.839             |
| 18,400.0                                                                                        | 12,325.0              | 18,418.6              | 12,525.0              | 56.3                   | 54.3          | 101.45                | -5,941.3     | -2,467.9     | 941.7                  | 833.5                   | 108.11                | 8.710             |
| 18,500.0                                                                                        | 12,325.0              | 18,518.6              | 12,525.0              | 57.1                   | 55.1          | 101.45                | -6,041.3     | -2,467.1     | 941.7                  | 832.0                   | 109.69                | 8.585             |
| 18,600.0                                                                                        | 12,325.0              | 18,618.6              | 12,525.0              | 57.9                   | 55.9          | 101.45                | -6,141.3     | -2,466.2     | 941.7                  | 830.4                   | 111.27                | 8.463             |
| 18,700.0                                                                                        | 12,325.0              | 18,718.6              | 12,525.0              | 58.7                   | 56.8          | 101.45                | -6,241.3     | -2,465.4     | 941.7                  | 828.8                   | 112.85                | 8.344             |
| 18,800.0                                                                                        | 12,325.0              | 18,818.6              | 12,525.0              | 59.5                   | 57.6          | 101.45                | -6,341.3     | -2,464.5     | 941.7                  | 827.2                   | 114.44                | 8.229             |
| 18,900.0                                                                                        | 12,325.0              | 18,918.6              | 12,525.0              | 60.3                   | 58.4          | 101.45                | -6,441.3     | -2,463.6     | 941.7                  | 825.6                   | 116.02                | 8.116             |
| 19,000.0                                                                                        | 12,325.0              | 19,018.6              | 12,525.0              | 61.1                   | 59.3          | 101.45                | -6,541.3     | -2,462.8     | 941.7                  | 824.0                   | 117.61                | 8.006             |
| 19,100.0                                                                                        | 12,325.0              | 19,118.6              | 12,525.0              | 61.9                   | 60.1          | 101.45                | -6,641.3     | -2,461.9     | 941.7                  | 822.5                   | 119.20                | 7.900             |
| 19,200.0                                                                                        | 12,325.0              | 19,218.6              | 12,525.0              | 62.7                   | 60.9          | 101.45                | -6,741.3     | -2,461.1     | 941.7                  | 820.9                   | 120.80                | 7.795             |
| 19,300.0                                                                                        | 12,325.0              | 19,318.6              | 12,525.0              | 63.5                   | 61.8          | 101.45                | -6,841.3     | -2,460.2     | 941.7                  | 819.3                   | 122.39                | 7.694             |
| 19,400.0                                                                                        | 12,325.0              | 19,418.6              | 12,525.0              | 64.3                   | 62.6          | 101.45                | -6,941.3     | -2,459.4     | 941.7                  | 817.7                   | 123.99                | 7.594             |
| 19,500.0                                                                                        | 12,325.0              | 19,518.6              | 12,525.0              | 65.1                   | 63.4          | 101.45                | -7,041.3     | -2,458.5     | 941.7                  | 816.1                   | 125.59                | 7.498             |
| 19,600.0                                                                                        | 12,325.0              | 19,618.6              | 12,525.0              | 65.9                   | 64.3          | 101.45                | -7,141.3     | -2,457.6     | 941.7                  | 814.5                   | 127.19                | 7.403             |
| 19,700.0                                                                                        | 12,325.0              | 19,718.6              | 12,525.0              | 66.7                   | 65.1          | 101.45                | -7,241.3     | -2,456.8     | 941.7                  | 812.9                   | 128.80                | 7.311             |
| 19,800.0                                                                                        | 12,325.0              | 19,818.6              | 12,525.0              | 67.6                   | 65.9          | 101.45                | -7,341.3     | -2,455.9     | 941.7                  | 811.3                   | 130.40                | 7.221             |
| 19,900.0                                                                                        | 12,325.0              | 19,918.6              | 12,525.0              | 68.4                   | 66.8          | 101.45                | -7,441.3     | -2,455.1     | 941.7                  | 809.6                   | 132.01                | 7.133             |
| 20,000.0                                                                                        | 12,325.0              | 20,018.6              | 12,525.0              | 69.2                   | 67.6          | 101.45                | -7,541.3     | -2,454.2     | 941.7                  | 808.0                   | 133.62                | 7.047             |
| 20,100.0                                                                                        | 12,325.0              | 20,118.6              | 12,525.0              | 70.0                   | 68.4          | 101.45                | -7,641.2     | -2,453.3     | 941.7                  | 806.4                   | 135.23                | 6.963             |
| 20,200.0                                                                                        | 12,325.0              | 20,218.6              | 12,525.0              | 70.8                   | 69.3          | 101.45                | -7,741.2     | -2,452.5     | 941.7                  | 804.8                   | 136.84                | 6.881             |
| 20,300.0                                                                                        | 12,325.0              | 20,318.6              | 12,525.0              | 71.6                   | 70.1          | 101.45                | -7,841.2     | -2,451.6     | 941.7                  | 803.2                   | 138.45                | 6.801             |
| 20,400.0                                                                                        | 12,325.0              | 20,418.6              | 12,525.0              | 72.5                   | 71.0          | 101.45                | -7,941.2     | -2,450.8     | 941.7                  | 801.6                   | 140.07                | 6.723             |
| 20,500.0                                                                                        | 12,325.0              | 20,518.6              | 12,525.0              | 73.3                   | 71.8          | 101.45                | -8,041.2     | -2,449.9     | 941.7                  | 800.0                   | 141.68                | 6.646             |
| 20,600.0                                                                                        | 12,325.0              | 20,618.6              | 12,525.0              | 74.1                   | 72.6          | 101.45                | -8,141.2     | -2,449.1     | 941.7                  | 798.4                   | 143.30                | 6.571             |
| 20,700.0                                                                                        | 12,325.0              | 20,718.6              | 12,525.0              | 74.9                   | 73.5          | 101.45                | -8,241.2     | -2,448.2     | 941.7                  | 796.7                   | 144.92                | 6.498             |
| 20,800.0                                                                                        | 12,325.0              | 20,818.6              | 12,525.0              | 75.8                   | 74.3          | 101.45                | -8,341.2     | -2,447.3     | 941.7                  | 795.1                   | 146.54                | 6.426             |
| 20,900.0                                                                                        | 12,325.0              | 20,918.6              | 12,525.0              | 76.6                   | 75.2          | 101.45                | -8,441.2     | -2,446.5     | 941.7                  | 793.5                   | 148.16                | 6.356             |
| 21,000.0                                                                                        | 12,325.0              | 21,018.6              | 12,525.0              | 77.4                   | 76.0          | 101.45                | -8,541.2     | -2,445.6     | 941.7                  | 791.9                   | 149.78                | 6.287             |

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

ConocoPhillips

Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

|                                                                                                 |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                    |          |
|-------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|--------------------|----------|
| Offset Design: PITCHBLENDE 24-25 FEDERAL PROJECT - PITCHBLENDE 24-25 FED COM 705H - OWB - PWP0  |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 SDI_KPR_WL_NS-CT, 2000-r.5 MWD+IFR1+SAG+FDIR, 12061-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       | Offset Well Error: | 0.0 usft |
| Reference                                                                                       |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance     |                        | 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) | No-Go Distance (usft) | Separation Factor  |          |
| 21,100.0                                                                                        | 12,325.0              | 21,118.6              | 12,525.0              | 78.2             | 76.8          | 101.45                 | -8,641.2     | -2,444.8     | 941.7                  | 790.3                   | 151.40                | 6.220              |          |
| 21,200.0                                                                                        | 12,325.0              | 21,218.6              | 12,525.0              | 79.1             | 77.7          | 101.45                 | -8,741.2     | -2,443.9     | 941.7                  | 788.6                   | 153.03                | 6.154              |          |
| 21,300.0                                                                                        | 12,325.0              | 21,318.6              | 12,525.0              | 79.9             | 78.5          | 101.45                 | -8,841.2     | -2,443.1     | 941.7                  | 787.0                   | 154.65                | 6.089              |          |
| 21,400.0                                                                                        | 12,325.0              | 21,418.6              | 12,525.0              | 80.7             | 79.4          | 101.45                 | -8,941.2     | -2,442.2     | 941.7                  | 785.4                   | 156.28                | 6.026              |          |
| 21,500.0                                                                                        | 12,325.0              | 21,518.6              | 12,525.0              | 81.6             | 80.2          | 101.45                 | -9,041.2     | -2,441.3     | 941.7                  | 783.8                   | 157.90                | 5.964              |          |
| 21,600.0                                                                                        | 12,325.0              | 21,618.6              | 12,525.0              | 82.4             | 81.1          | 101.45                 | -9,141.2     | -2,440.5     | 941.7                  | 782.1                   | 159.53                | 5.903              |          |
| 21,700.0                                                                                        | 12,325.0              | 21,718.6              | 12,525.0              | 83.2             | 81.9          | 101.45                 | -9,241.2     | -2,439.6     | 941.7                  | 780.5                   | 161.16                | 5.843              |          |
| 21,800.0                                                                                        | 12,325.0              | 21,818.6              | 12,525.0              | 84.0             | 82.8          | 101.45                 | -9,341.2     | -2,438.8     | 941.7                  | 778.9                   | 162.79                | 5.785              |          |
| 21,900.0                                                                                        | 12,325.0              | 21,918.6              | 12,525.0              | 84.9             | 83.6          | 101.45                 | -9,441.2     | -2,437.9     | 941.7                  | 777.2                   | 164.42                | 5.727              |          |
| 22,000.0                                                                                        | 12,325.0              | 22,018.6              | 12,525.0              | 85.7             | 84.4          | 101.45                 | -9,541.2     | -2,437.0     | 941.7                  | 775.6                   | 166.05                | 5.671              |          |
| 22,100.0                                                                                        | 12,325.0              | 22,118.6              | 12,525.0              | 86.5             | 85.3          | 101.45                 | -9,641.2     | -2,436.2     | 941.7                  | 774.0                   | 167.68                | 5.616              |          |
| 22,200.0                                                                                        | 12,325.0              | 22,218.6              | 12,525.0              | 87.4             | 86.1          | 101.45                 | -9,741.2     | -2,435.3     | 941.7                  | 772.3                   | 169.31                | 5.562              |          |
| 22,300.0                                                                                        | 12,325.0              | 22,318.6              | 12,525.0              | 88.2             | 87.0          | 101.45                 | -9,841.2     | -2,434.5     | 941.7                  | 770.7                   | 170.95                | 5.508              |          |
| 22,400.0                                                                                        | 12,325.0              | 22,418.6              | 12,525.0              | 89.0             | 87.8          | 101.45                 | -9,941.2     | -2,433.6     | 941.7                  | 769.1                   | 172.58                | 5.456              |          |
| 22,500.0                                                                                        | 12,325.0              | 22,518.6              | 12,525.0              | 89.9             | 88.7          | 101.45                 | -10,041.2    | -2,432.8     | 941.7                  | 767.4                   | 174.22                | 5.405              |          |
| 22,600.0                                                                                        | 12,325.0              | 22,618.6              | 12,525.0              | 90.7             | 89.5          | 101.45                 | -10,141.2    | -2,431.9     | 941.7                  | 765.8                   | 175.85                | 5.355              |          |
| 22,700.0                                                                                        | 12,325.0              | 22,718.6              | 12,525.0              | 91.6             | 90.4          | 101.45                 | -10,241.2    | -2,431.0     | 941.7                  | 764.2                   | 177.49                | 5.305              |          |
| 22,707.6                                                                                        | 12,325.0              | 22,726.2              | 12,525.0              | 91.6             | 90.4          | 101.45                 | -10,248.7    | -2,431.0     | 941.7                  | 764.0                   | 177.61                | 5.302              |          |
| 22,774.1                                                                                        | 12,325.0              | 22,790.7              | 12,525.0              | 92.2             | 91.0          | 101.45                 | -10,313.2    | -2,430.4     | 941.7                  | 763.0                   | 178.69                | 5.270 ES, SF       |          |

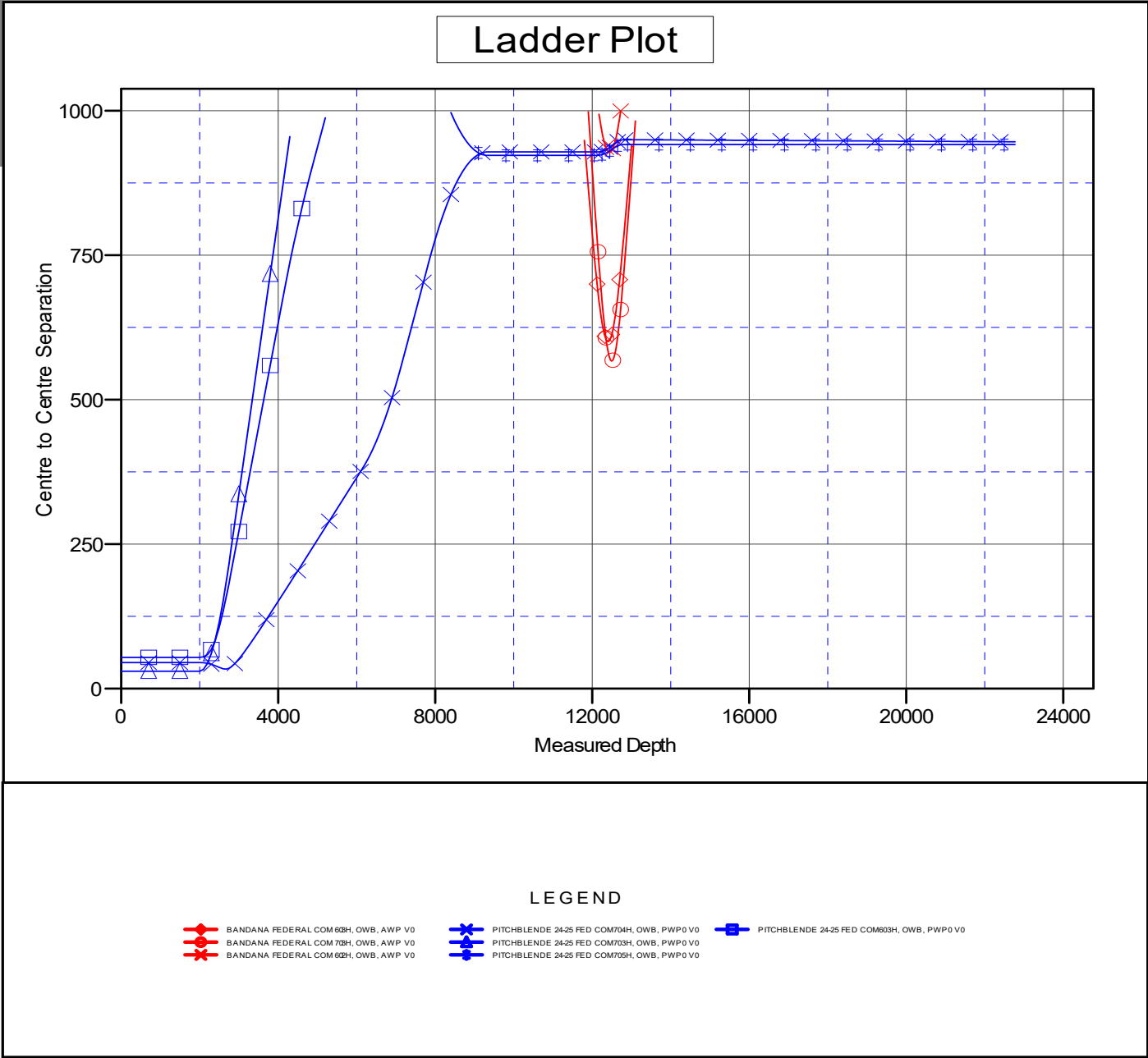
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

ConocoPhillips  
Anticollision Report

|                    |                                   |                              |                                     |
|--------------------|-----------------------------------|------------------------------|-------------------------------------|
| Company:           | DELAWARE BASIN EAST               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Project:           | LEA COUNTY SOUTHEAST              | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Reference Site:    | PITCHBLENDE 24-25 FEDERAL PROJECT | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site Error:        | 0.0 usft                          | North Reference:             | Grid                                |
| Reference Well:    | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Well Error:        | 0.0 usft                          | Output errors are at         | 2.00 sigma                          |
| Reference Wellbore | OWB                               | Database:                    | EDT 17 Permian Prod                 |
| Reference Design:  | PWP0                              | Offset TVD Reference:        | Offset Datum                        |

Reference Depths are relative to RKB=27ft @ 3380.3usft  
Offset Depths are relative to Offset Datum  
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: PITCHBLENDE 24-25 FED COM 604H  
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
Grid Convergence at Surface is: 0.49°



## ConocoPhillips

## Anticollision Report

|                           |                                   |                                     |                                     |
|---------------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Company:</b>           | DELAWARE BASIN EAST               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Project:</b>           | LEA COUNTY SOUTHEAST              | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Reference Site:</b>    | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site Error:</b>        | 0.0 usft                          | <b>North Reference:</b>             | Grid                                |
| <b>Reference Well:</b>    | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Well Error:</b>        | 0.0 usft                          | <b>Output errors are at</b>         | 2.00 sigma                          |
| <b>Reference Wellbore</b> | OWB                               | <b>Database:</b>                    | EDT 17 Permian Prod                 |
| <b>Reference Design:</b>  | PWP0                              | <b>Offset TVD Reference:</b>        | Offset Datum                        |

Reference Depths are relative to RKB=27ft @ 3380.3usft

Offset Depths are relative to Offset Datum

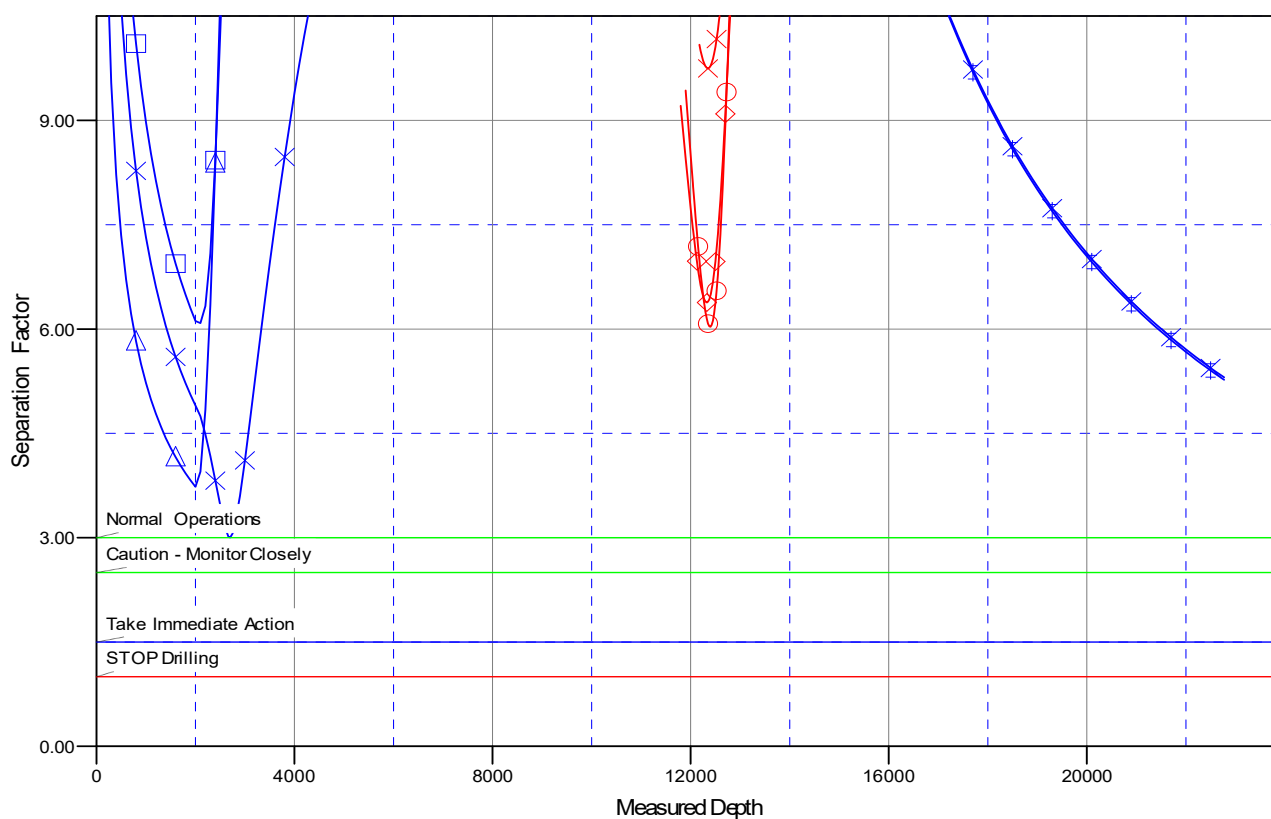
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: PITCHBLENDE 24-25 FED COM 604H

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

Grid Convergence at Surface is: 0.49°

## Separation Factor Plot



## LEGEND

|                                       |                                              |                                              |
|---------------------------------------|----------------------------------------------|----------------------------------------------|
| BANDANA FEDERAL COM 602H, OWB, AWP V0 | PITCHBLENDE 24-25 FED COM 704H, OWB, PWP0 V0 | PITCHBLENDE 24-25 FED COM 603H, OWB, PWP0 V0 |
| BANDANA FEDERAL COM 702H, OWB, AWP V0 | PITCHBLENDE 24-25 FED COM 703H, OWB, PWP0 V0 |                                              |
| BANDANA FEDERAL COM 602H, OWB, AWP V0 | PITCHBLENDE 24-25 FED COM 705H, OWB, PWP0 V0 |                                              |

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

# **DELAWARE BASIN EAST**

**LEA COUNTY SOUTHEAST**

**PITCHBLEND 24-25 FEDERAL PROJECT**

**PITCHBLEND 24-25 FED COM 604H**

**OWB**

**Plan: PWP0**

## **Standard Planning Report**

**19 December, 2024**

ConocoPhillips  
Planning Report

|           |                                   |                              |                                     |
|-----------|-----------------------------------|------------------------------|-------------------------------------|
| Database: | EDT 17 Permian Prod               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Company:  | DELAWARE BASIN EAST               | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Project:  | LEA COUNTY SOUTHEAST              | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site:     | PITCHBLENDE 24-25 FEDERAL PROJECT | North Reference:             | Grid                                |
| Well:     | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Wellbore: | OWB                               |                              |                                     |
| Design:   | PWP0                              |                              |                                     |

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

|                       |                                   |              |                   |
|-----------------------|-----------------------------------|--------------|-------------------|
| Site                  | PITCHBLENDE 24-25 FEDERAL PROJECT |              |                   |
| Site Position:        |                                   | Northing:    | 409,683.59 usft   |
| From:                 | Map                               | Easting:     | 781,763.86 usft   |
| Position Uncertainty: | 0.0 usft                          | Slot Radius: | 13-3/16 "         |
|                       |                                   | Latitude:    | 32° 7' 23.035 N   |
|                       |                                   | Longitude:   | 103° 25' 23.524 W |

|                      |                                |                     |                   |
|----------------------|--------------------------------|---------------------|-------------------|
| Well                 | PITCHBLENDE 24-25 FED COM 604H |                     |                   |
| Well Position        | +N/-S                          | 0.0 usft            | Northing:         |
|                      | +E/-W                          | 0.0 usft            | Easting:          |
| Position Uncertainty | 0.0 usft                       | Wellhead Elevation: |                   |
| Grid Convergence:    | 0.49 °                         |                     |                   |
|                      |                                | Latitude:           | 32° 7' 20.951 N   |
|                      |                                | Longitude:          | 103° 25' 10.367 W |
|                      |                                | Ground Level:       | 3,353.3 usft      |

|           |            |             |                 |               |                     |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| Wellbore  | OWB        |             |                 |               |                     |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|           | BGGM2024   | 10/1/2025   | 6.04            | 59.62         | 47,113.98245669     |

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

|                          |                 |                     |                                                      |         |  |
|--------------------------|-----------------|---------------------|------------------------------------------------------|---------|--|
| Plan Survey Tool Program |                 | Date                | 12/19/2024                                           |         |  |
| Depth From (usft)        | Depth To (usft) | Survey (Wellbore)   | Tool Name                                            | Remarks |  |
| 1                        | 0.0             | 2,000.0 PWP0 (OWB)  | r.5 SDI_KPR_WL_NS-CT<br>SDI Keeper Wireline Gyrocomp |         |  |
| 2                        | 2,000.0         | 12,045.5 PWP0 (OWB) | r.5 MWD+IFR1+SAG+FDIR<br>ISCWSA MWD + IFR1 + SAG     |         |  |
| 3                        | 12,045.5        | 22,774.1 PWP0 (OWB) | r.5 MWD+IFR1+SAG+FDIR<br>ISCWSA MWD + IFR1 + SAG     |         |  |

ConocoPhillips

Planning Report

|           |                                   |                              |                                     |
|-----------|-----------------------------------|------------------------------|-------------------------------------|
| Database: | EDT 17 Permian Prod               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Company:  | DELAWARE BASIN EAST               | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Project:  | LEA COUNTY SOUTHEAST              | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site:     | PITCHBLENDE 24-25 FEDERAL PROJECT | North Reference:             | Grid                                |
| Well:     | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Wellbore: | OWB                               |                              |                                     |
| Design:   | PWP0                              |                              |                                     |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |        |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 2,749.0               | 14.98           | 275.30      | 2,740.5               | 9.0          | -96.9        | 2.00                    | 2.00                   | 0.00                  | 275.30  |        |
| 7,825.0               | 14.98           | 275.30      | 7,644.0               | 130.3        | -1,403.4     | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 9,323.0               | 0.00            | 0.00        | 9,125.0               | 148.3        | -1,597.2     | 1.00                    | -1.00                  | 0.00                  | 180.00  |        |
| 12,045.5              | 0.00            | 0.00        | 11,847.5              | 148.3        | -1,597.2     | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |
| 12,795.5              | 90.00           | 179.51      | 12,325.0              | -329.1       | -1,593.1     | 12.00                   | 12.00                  | 23.93                 | 179.51  |        |
| 22,774.1              | 90.00           | 179.51      | 12,325.0              | -10,307.3    | -1,507.5     | 0.00                    | 0.00                   | 0.00                  | 0.00    |        |

## ConocoPhillips

## Planning Report

|                  |                                   |                                     |                                     |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Company:</b>  | DELAWARE BASIN EAST               | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Project:</b>  | LEA COUNTY SOUTHEAST              | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site:</b>     | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | OWB                               |                                     |                                     |
| <b>Design:</b>   | PWP0                              |                                     |                                     |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 2.00            | 275.30      | 2,100.0               | 0.2          | -1.7         | 0.1                     | 2.00                    | 2.00                   | 0.00                  |
| 2,200.0               | 4.00            | 275.30      | 2,199.8               | 0.6          | -6.9         | 0.4                     | 2.00                    | 2.00                   | 0.00                  |
| 2,300.0               | 6.00            | 275.30      | 2,299.5               | 1.5          | -15.6        | 0.8                     | 2.00                    | 2.00                   | 0.00                  |
| 2,400.0               | 8.00            | 275.30      | 2,398.7               | 2.6          | -27.8        | 1.5                     | 2.00                    | 2.00                   | 0.00                  |
| 2,500.0               | 10.00           | 275.30      | 2,497.5               | 4.0          | -43.3        | 2.3                     | 2.00                    | 2.00                   | 0.00                  |
| 2,600.0               | 12.00           | 275.30      | 2,595.6               | 5.8          | -62.3        | 3.3                     | 2.00                    | 2.00                   | 0.00                  |
| 2,700.0               | 14.00           | 275.30      | 2,693.1               | 7.9          | -84.7        | 4.5                     | 2.00                    | 2.00                   | 0.00                  |
| 2,749.0               | 14.98           | 275.30      | 2,740.5               | 9.0          | -96.9        | 5.1                     | 2.00                    | 2.00                   | 0.00                  |
| 2,800.0               | 14.98           | 275.30      | 2,789.8               | 10.2         | -110.1       | 5.8                     | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0               | 14.98           | 275.30      | 2,886.4               | 12.6         | -135.8       | 7.2                     | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0               | 14.98           | 275.30      | 2,983.0               | 15.0         | -161.5       | 8.5                     | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0               | 14.98           | 275.30      | 3,079.6               | 17.4         | -187.3       | 9.9                     | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 14.98           | 275.30      | 3,176.2               | 19.8         | -213.0       | 11.3                    | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 14.98           | 275.30      | 3,272.8               | 22.2         | -238.8       | 12.6                    | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 14.98           | 275.30      | 3,369.4               | 24.6         | -264.5       | 14.0                    | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 14.98           | 275.30      | 3,466.0               | 26.9         | -290.2       | 15.3                    | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 14.98           | 275.30      | 3,562.6               | 29.3         | -316.0       | 16.7                    | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 14.98           | 275.30      | 3,659.2               | 31.7         | -341.7       | 18.1                    | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 14.98           | 275.30      | 3,755.8               | 34.1         | -367.4       | 19.4                    | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 14.98           | 275.30      | 3,852.4               | 36.5         | -393.2       | 20.8                    | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 14.98           | 275.30      | 3,949.0               | 38.9         | -418.9       | 22.1                    | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 14.98           | 275.30      | 4,045.6               | 41.3         | -444.7       | 23.5                    | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 14.98           | 275.30      | 4,142.2               | 43.7         | -470.4       | 24.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 14.98           | 275.30      | 4,238.8               | 46.1         | -496.1       | 26.2                    | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 14.98           | 275.30      | 4,335.4               | 48.5         | -521.9       | 27.6                    | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 14.98           | 275.30      | 4,432.0               | 50.8         | -547.6       | 29.0                    | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 14.98           | 275.30      | 4,528.6               | 53.2         | -573.3       | 30.3                    | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 14.98           | 275.30      | 4,625.2               | 55.6         | -599.1       | 31.7                    | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 14.98           | 275.30      | 4,721.8               | 58.0         | -624.8       | 33.0                    | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 14.98           | 275.30      | 4,818.4               | 60.4         | -650.5       | 34.4                    | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 14.98           | 275.30      | 4,915.0               | 62.8         | -676.3       | 35.8                    | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 14.98           | 275.30      | 5,011.6               | 65.2         | -702.0       | 37.1                    | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 14.98           | 275.30      | 5,108.2               | 67.6         | -727.8       | 38.5                    | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                   |                                     |                                     |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Company:</b>  | DELAWARE BASIN EAST               | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Project:</b>  | LEA COUNTY SOUTHEAST              | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site:</b>     | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | OWB                               |                                     |                                     |
| <b>Design:</b>   | PWP0                              |                                     |                                     |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 5,300.0               | 14.98           | 275.30      | 5,204.8               | 70.0         | -753.5       | 39.8                    | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 14.98           | 275.30      | 5,301.4               | 72.3         | -779.2       | 41.2                    | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 14.98           | 275.30      | 5,398.0               | 74.7         | -805.0       | 42.6                    | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 14.98           | 275.30      | 5,494.6               | 77.1         | -830.7       | 43.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 14.98           | 275.30      | 5,591.2               | 79.5         | -856.4       | 45.3                    | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 14.98           | 275.30      | 5,687.8               | 81.9         | -882.2       | 46.6                    | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0               | 14.98           | 275.30      | 5,784.4               | 84.3         | -907.9       | 48.0                    | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 14.98           | 275.30      | 5,881.0               | 86.7         | -933.7       | 49.4                    | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 14.98           | 275.30      | 5,977.6               | 89.1         | -959.4       | 50.7                    | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 14.98           | 275.30      | 6,074.2               | 91.5         | -985.1       | 52.1                    | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 14.98           | 275.30      | 6,170.8               | 93.9         | -1,010.9     | 53.4                    | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 14.98           | 275.30      | 6,267.4               | 96.2         | -1,036.6     | 54.8                    | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 14.98           | 275.30      | 6,364.0               | 98.6         | -1,062.3     | 56.2                    | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 14.98           | 275.30      | 6,460.6               | 101.0        | -1,088.1     | 57.5                    | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 14.98           | 275.30      | 6,557.2               | 103.4        | -1,113.8     | 58.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 14.98           | 275.30      | 6,653.8               | 105.8        | -1,139.6     | 60.2                    | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 14.98           | 275.30      | 6,750.4               | 108.2        | -1,165.3     | 61.6                    | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 14.98           | 275.30      | 6,847.0               | 110.6        | -1,191.0     | 63.0                    | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0               | 14.98           | 275.30      | 6,943.6               | 113.0        | -1,216.8     | 64.3                    | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0               | 14.98           | 275.30      | 7,040.2               | 115.4        | -1,242.5     | 65.7                    | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0               | 14.98           | 275.30      | 7,136.8               | 117.8        | -1,268.2     | 67.0                    | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 14.98           | 275.30      | 7,233.4               | 120.1        | -1,294.0     | 68.4                    | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 14.98           | 275.30      | 7,330.0               | 122.5        | -1,319.7     | 69.8                    | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 14.98           | 275.30      | 7,426.6               | 124.9        | -1,345.5     | 71.1                    | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 14.98           | 275.30      | 7,523.2               | 127.3        | -1,371.2     | 72.5                    | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 14.98           | 275.30      | 7,619.8               | 129.7        | -1,396.9     | 73.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,825.0               | 14.98           | 275.30      | 7,644.0               | 130.3        | -1,403.4     | 74.2                    | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 14.23           | 275.30      | 7,716.6               | 132.0        | -1,422.2     | 75.2                    | 1.00                    | -1.00                  | 0.00                  |
| 8,000.0               | 13.23           | 275.30      | 7,813.7               | 134.2        | -1,445.8     | 76.4                    | 1.00                    | -1.00                  | 0.00                  |
| 8,100.0               | 12.23           | 275.30      | 7,911.3               | 136.3        | -1,467.8     | 77.6                    | 1.00                    | -1.00                  | 0.00                  |
| 8,200.0               | 11.23           | 275.30      | 8,009.2               | 138.2        | -1,488.0     | 78.7                    | 1.00                    | -1.00                  | 0.00                  |
| 8,300.0               | 10.23           | 275.30      | 8,107.4               | 139.9        | -1,506.5     | 79.6                    | 1.00                    | -1.00                  | 0.00                  |
| 8,400.0               | 9.23            | 275.30      | 8,206.0               | 141.4        | -1,523.4     | 80.5                    | 1.00                    | -1.00                  | 0.00                  |
| 8,500.0               | 8.23            | 275.30      | 8,304.8               | 142.8        | -1,538.5     | 81.3                    | 1.00                    | -1.00                  | 0.00                  |
| 8,600.0               | 7.23            | 275.30      | 8,403.9               | 144.1        | -1,551.9     | 82.0                    | 1.00                    | -1.00                  | 0.00                  |
| 8,700.0               | 6.23            | 275.30      | 8,503.2               | 145.2        | -1,563.6     | 82.7                    | 1.00                    | -1.00                  | 0.00                  |
| 8,800.0               | 5.23            | 275.30      | 8,602.7               | 146.1        | -1,573.5     | 83.2                    | 1.00                    | -1.00                  | 0.00                  |
| 8,900.0               | 4.23            | 275.30      | 8,702.4               | 146.9        | -1,581.7     | 83.6                    | 1.00                    | -1.00                  | 0.00                  |
| 9,000.0               | 3.23            | 275.30      | 8,802.2               | 147.5        | -1,588.2     | 84.0                    | 1.00                    | -1.00                  | 0.00                  |
| 9,100.0               | 2.23            | 275.30      | 8,902.0               | 147.9        | -1,592.9     | 84.2                    | 1.00                    | -1.00                  | 0.00                  |
| 9,200.0               | 1.23            | 275.30      | 9,002.0               | 148.2        | -1,595.9     | 84.4                    | 1.00                    | -1.00                  | 0.00                  |
| 9,300.0               | 0.23            | 275.30      | 9,102.0               | 148.3        | -1,597.2     | 84.4                    | 1.00                    | -1.00                  | 0.00                  |
| 9,323.0               | 0.00            | 0.00        | 9,125.0               | 148.3        | -1,597.2     | 84.4                    | 1.00                    | -1.00                  | 0.00                  |
| 9,400.0               | 0.00            | 0.00        | 9,202.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 0.00            | 0.00        | 9,302.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 0.00            | 0.00        | 9,402.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 0.00            | 0.00        | 9,502.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 0.00            | 0.00        | 9,602.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 0.00            | 0.00        | 9,702.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 0.00            | 0.00        | 9,802.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 0.00            | 0.00        | 9,902.0               | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 0.00            | 0.00        | 10,002.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 0.00            | 0.00        | 10,102.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 0.00            | 0.00        | 10,202.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                   |                                     |                                     |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Company:</b>  | DELAWARE BASIN EAST               | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Project:</b>  | LEA COUNTY SOUTHEAST              | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site:</b>     | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | OWB                               |                                     |                                     |
| <b>Design:</b>   | PWP0                              |                                     |                                     |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 10,500.0              | 0.00            | 0.00        | 10,302.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 0.00            | 0.00        | 10,402.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 0.00            | 0.00        | 10,502.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 0.00            | 0.00        | 10,602.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 0.00            | 0.00        | 10,702.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 0.00            | 0.00        | 10,802.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 0.00            | 0.00        | 10,902.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 0.00            | 0.00        | 11,002.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 0.00            | 0.00        | 11,102.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 0.00            | 0.00        | 11,202.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 0.00            | 0.00        | 11,302.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 0.00            | 0.00        | 11,402.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 0.00            | 0.00        | 11,502.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 0.00            | 0.00        | 11,602.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 0.00            | 0.00        | 11,702.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 0.00            | 0.00        | 11,802.0              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 12,045.5              | 0.00            | 0.00        | 11,847.5              | 148.3        | -1,597.2     | 84.4                    | 0.00                    | 0.00                   | 0.00                  |
| 12,050.0              | 0.53            | 179.51      | 11,852.0              | 148.3        | -1,597.2     | 84.5                    | 12.00                   | 12.00                  | 0.00                  |
| 12,075.0              | 3.53            | 179.51      | 11,877.0              | 147.4        | -1,597.2     | 85.3                    | 12.00                   | 12.00                  | 0.00                  |
| 12,100.0              | 6.53            | 179.51      | 11,901.9              | 145.2        | -1,597.2     | 87.5                    | 12.00                   | 12.00                  | 0.00                  |
| 12,125.0              | 9.53            | 179.51      | 11,926.6              | 141.7        | -1,597.2     | 91.0                    | 12.00                   | 12.00                  | 0.00                  |
| 12,150.0              | 12.53           | 179.51      | 11,951.2              | 136.9        | -1,597.1     | 95.7                    | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0              | 15.53           | 179.51      | 11,975.4              | 130.9        | -1,597.1     | 101.7                   | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0              | 18.53           | 179.51      | 11,999.3              | 123.5        | -1,597.0     | 108.9                   | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0              | 21.53           | 179.51      | 12,022.8              | 115.0        | -1,597.0     | 117.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0              | 24.53           | 179.51      | 12,045.8              | 105.2        | -1,596.9     | 127.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0              | 27.53           | 179.51      | 12,068.3              | 94.2         | -1,596.8     | 137.9                   | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0              | 30.53           | 179.51      | 12,090.1              | 82.1         | -1,596.7     | 149.9                   | 12.00                   | 12.00                  | 0.00                  |
| 12,325.0              | 33.53           | 179.51      | 12,111.3              | 68.8         | -1,596.6     | 163.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,350.0              | 36.53           | 179.51      | 12,131.8              | 54.5         | -1,596.4     | 177.2                   | 12.00                   | 12.00                  | 0.00                  |
| 12,375.0              | 39.53           | 179.51      | 12,151.5              | 39.1         | -1,596.3     | 192.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,400.0              | 42.53           | 179.51      | 12,170.3              | 22.7         | -1,596.2     | 208.6                   | 12.00                   | 12.00                  | 0.00                  |
| 12,425.0              | 45.53           | 179.51      | 12,188.3              | 5.3          | -1,596.0     | 225.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,450.0              | 48.53           | 179.51      | 12,205.3              | -13.0        | -1,595.9     | 243.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,475.0              | 51.53           | 179.51      | 12,221.4              | -32.2        | -1,595.7     | 262.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,500.0              | 54.53           | 179.51      | 12,236.4              | -52.1        | -1,595.5     | 282.5                   | 12.00                   | 12.00                  | 0.00                  |
| 12,525.0              | 57.53           | 179.51      | 12,250.4              | -72.9        | -1,595.3     | 303.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,550.0              | 60.53           | 179.51      | 12,263.2              | -94.3        | -1,595.2     | 324.2                   | 12.00                   | 12.00                  | 0.00                  |
| 12,575.0              | 63.53           | 179.51      | 12,275.0              | -116.4       | -1,595.0     | 346.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,600.0              | 66.53           | 179.51      | 12,285.5              | -139.0       | -1,594.8     | 368.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,625.0              | 69.53           | 179.51      | 12,294.9              | -162.2       | -1,594.6     | 391.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,650.0              | 72.53           | 179.51      | 12,303.0              | -185.8       | -1,594.4     | 414.7                   | 12.00                   | 12.00                  | 0.00                  |
| 12,675.0              | 75.53           | 179.51      | 12,309.9              | -209.9       | -1,594.2     | 438.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,700.0              | 78.53           | 179.51      | 12,315.5              | -234.2       | -1,594.0     | 462.5                   | 12.00                   | 12.00                  | 0.00                  |
| 12,725.0              | 81.53           | 179.51      | 12,319.8              | -258.9       | -1,593.8     | 486.8                   | 12.00                   | 12.00                  | 0.00                  |
| 12,750.0              | 84.53           | 179.51      | 12,322.8              | -283.7       | -1,593.5     | 511.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,775.0              | 87.53           | 179.51      | 12,324.6              | -308.6       | -1,593.3     | 536.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,795.5              | 90.00           | 179.51      | 12,325.0              | -329.1       | -1,593.1     | 556.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,800.0              | 90.00           | 179.51      | 12,325.0              | -333.6       | -1,593.1     | 560.7                   | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 90.00           | 179.51      | 12,325.0              | -433.6       | -1,592.3     | 659.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 179.51      | 12,325.0              | -533.6       | -1,591.4     | 758.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.51      | 12,325.0              | -633.6       | -1,590.5     | 857.1                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.51      | 12,325.0              | -733.6       | -1,589.7     | 955.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 179.51      | 12,325.0              | -833.6       | -1,588.8     | 1,054.8                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                   |                                     |                                     |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Company:</b>  | DELAWARE BASIN EAST               | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Project:</b>  | LEA COUNTY SOUTHEAST              | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site:</b>     | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | OWB                               |                                     |                                     |
| <b>Design:</b>   | PWP0                              |                                     |                                     |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 13,400.0              | 90.00           | 179.51      | 12,325.0              | -933.6       | -1,588.0     | 1,153.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 179.51      | 12,325.0              | -1,033.6     | -1,587.1     | 1,252.4                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 179.51      | 12,325.0              | -1,133.6     | -1,586.2     | 1,351.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 179.51      | 12,325.0              | -1,233.6     | -1,585.4     | 1,450.0                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 179.51      | 12,325.0              | -1,333.6     | -1,584.5     | 1,548.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 179.51      | 12,325.0              | -1,433.6     | -1,583.7     | 1,647.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 179.51      | 12,325.0              | -1,533.6     | -1,582.8     | 1,746.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 179.51      | 12,325.0              | -1,633.6     | -1,582.0     | 1,845.3                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 179.51      | 12,325.0              | -1,733.5     | -1,581.1     | 1,944.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 179.51      | 12,325.0              | -1,833.5     | -1,580.2     | 2,043.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 179.51      | 12,325.0              | -1,933.5     | -1,579.4     | 2,141.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 179.51      | 12,325.0              | -2,033.5     | -1,578.5     | 2,240.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 179.51      | 12,325.0              | -2,133.5     | -1,577.7     | 2,339.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 179.51      | 12,325.0              | -2,233.5     | -1,576.8     | 2,438.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 179.51      | 12,325.0              | -2,333.5     | -1,576.0     | 2,537.1                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 179.51      | 12,325.0              | -2,433.5     | -1,575.1     | 2,635.9                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 179.51      | 12,325.0              | -2,533.5     | -1,574.2     | 2,734.7                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 179.51      | 12,325.0              | -2,633.5     | -1,573.4     | 2,833.5                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 179.51      | 12,325.0              | -2,733.5     | -1,572.5     | 2,932.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 179.51      | 12,325.0              | -2,833.5     | -1,571.7     | 3,031.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 179.51      | 12,325.0              | -2,933.5     | -1,570.8     | 3,130.0                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 179.51      | 12,325.0              | -3,033.5     | -1,569.9     | 3,228.8                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 179.51      | 12,325.0              | -3,133.5     | -1,569.1     | 3,327.6                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 179.51      | 12,325.0              | -3,233.5     | -1,568.2     | 3,426.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 179.51      | 12,325.0              | -3,333.5     | -1,567.4     | 3,525.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 179.51      | 12,325.0              | -3,433.5     | -1,566.5     | 3,624.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 179.51      | 12,325.0              | -3,533.5     | -1,565.7     | 3,722.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 179.51      | 12,325.0              | -3,633.5     | -1,564.8     | 3,821.7                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 179.51      | 12,325.0              | -3,733.5     | -1,563.9     | 3,920.5                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 179.51      | 12,325.0              | -3,833.5     | -1,563.1     | 4,019.3                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 179.51      | 12,325.0              | -3,933.5     | -1,562.2     | 4,118.2                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 179.51      | 12,325.0              | -4,033.5     | -1,561.4     | 4,217.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 179.51      | 12,325.0              | -4,133.5     | -1,560.5     | 4,315.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 179.51      | 12,325.0              | -4,233.5     | -1,559.7     | 4,414.6                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 179.51      | 12,325.0              | -4,333.5     | -1,558.8     | 4,513.4                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 179.51      | 12,325.0              | -4,433.4     | -1,557.9     | 4,612.3                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 179.51      | 12,325.0              | -4,533.4     | -1,557.1     | 4,711.1                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 179.51      | 12,325.0              | -4,633.4     | -1,556.2     | 4,809.9                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 179.51      | 12,325.0              | -4,733.4     | -1,555.4     | 4,908.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 179.51      | 12,325.0              | -4,833.4     | -1,554.5     | 5,007.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 179.51      | 12,325.0              | -4,933.4     | -1,553.6     | 5,106.4                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 90.00           | 179.51      | 12,325.0              | -5,033.4     | -1,552.8     | 5,205.2                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 90.00           | 179.51      | 12,325.0              | -5,133.4     | -1,551.9     | 5,304.0                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 90.00           | 179.51      | 12,325.0              | -5,233.4     | -1,551.1     | 5,402.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 90.00           | 179.51      | 12,325.0              | -5,333.4     | -1,550.2     | 5,501.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 90.00           | 179.51      | 12,325.0              | -5,433.4     | -1,549.4     | 5,600.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 90.00           | 179.51      | 12,325.0              | -5,533.4     | -1,548.5     | 5,699.3                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 90.00           | 179.51      | 12,325.0              | -5,633.4     | -1,547.6     | 5,798.1                 | 0.00                    | 0.00                   | 0.00                  |
| 18,200.0              | 90.00           | 179.51      | 12,325.0              | -5,733.4     | -1,546.8     | 5,896.9                 | 0.00                    | 0.00                   | 0.00                  |
| 18,300.0              | 90.00           | 179.51      | 12,325.0              | -5,833.4     | -1,545.9     | 5,995.7                 | 0.00                    | 0.00                   | 0.00                  |
| 18,400.0              | 90.00           | 179.51      | 12,325.0              | -5,933.4     | -1,545.1     | 6,094.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,500.0              | 90.00           | 179.51      | 12,325.0              | -6,033.4     | -1,544.2     | 6,193.4                 | 0.00                    | 0.00                   | 0.00                  |
| 18,600.0              | 90.00           | 179.51      | 12,325.0              | -6,133.4     | -1,543.3     | 6,292.2                 | 0.00                    | 0.00                   | 0.00                  |
| 18,700.0              | 90.00           | 179.51      | 12,325.0              | -6,233.4     | -1,542.5     | 6,391.0                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                                   |                                     |                                     |
|------------------|-----------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDT 17 Permian Prod               | <b>Local Co-ordinate Reference:</b> | Well PITCHBLENDE 24-25 FED COM 604H |
| <b>Company:</b>  | DELAWARE BASIN EAST               | <b>TVD Reference:</b>               | RKB=27ft @ 3380.3usft               |
| <b>Project:</b>  | LEA COUNTY SOUTHEAST              | <b>MD Reference:</b>                | RKB=27ft @ 3380.3usft               |
| <b>Site:</b>     | PITCHBLENDE 24-25 FEDERAL PROJECT | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | PITCHBLENDE 24-25 FED COM 604H    | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | OWB                               |                                     |                                     |
| <b>Design:</b>   | PWP0                              |                                     |                                     |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 18,800.0              | 90.00           | 179.51      | 12,325.0              | -6,333.4     | -1,541.6     | 6,489.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,900.0              | 90.00           | 179.51      | 12,325.0              | -6,433.4     | -1,540.8     | 6,588.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,000.0              | 90.00           | 179.51      | 12,325.0              | -6,533.4     | -1,539.9     | 6,687.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,100.0              | 90.00           | 179.51      | 12,325.0              | -6,633.4     | -1,539.1     | 6,786.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,200.0              | 90.00           | 179.51      | 12,325.0              | -6,733.4     | -1,538.2     | 6,885.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,300.0              | 90.00           | 179.51      | 12,325.0              | -6,833.4     | -1,537.3     | 6,983.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,400.0              | 90.00           | 179.51      | 12,325.0              | -6,933.4     | -1,536.5     | 7,082.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,500.0              | 90.00           | 179.51      | 12,325.0              | -7,033.4     | -1,535.6     | 7,181.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,600.0              | 90.00           | 179.51      | 12,325.0              | -7,133.3     | -1,534.8     | 7,280.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,700.0              | 90.00           | 179.51      | 12,325.0              | -7,233.3     | -1,533.9     | 7,379.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,800.0              | 90.00           | 179.51      | 12,325.0              | -7,333.3     | -1,533.1     | 7,478.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,900.0              | 90.00           | 179.51      | 12,325.0              | -7,433.3     | -1,532.2     | 7,576.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,000.0              | 90.00           | 179.51      | 12,325.0              | -7,533.3     | -1,531.3     | 7,675.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,100.0              | 90.00           | 179.51      | 12,325.0              | -7,633.3     | -1,530.5     | 7,774.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,200.0              | 90.00           | 179.51      | 12,325.0              | -7,733.3     | -1,529.6     | 7,873.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,300.0              | 90.00           | 179.51      | 12,325.0              | -7,833.3     | -1,528.8     | 7,972.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,400.0              | 90.00           | 179.51      | 12,325.0              | -7,933.3     | -1,527.9     | 8,070.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,500.0              | 90.00           | 179.51      | 12,325.0              | -8,033.3     | -1,527.0     | 8,169.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,600.0              | 90.00           | 179.51      | 12,325.0              | -8,133.3     | -1,526.2     | 8,268.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,700.0              | 90.00           | 179.51      | 12,325.0              | -8,233.3     | -1,525.3     | 8,367.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,800.0              | 90.00           | 179.51      | 12,325.0              | -8,333.3     | -1,524.5     | 8,466.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,900.0              | 90.00           | 179.51      | 12,325.0              | -8,433.3     | -1,523.6     | 8,565.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,000.0              | 90.00           | 179.51      | 12,325.0              | -8,533.3     | -1,522.8     | 8,663.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,100.0              | 90.00           | 179.51      | 12,325.0              | -8,633.3     | -1,521.9     | 8,762.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,200.0              | 90.00           | 179.51      | 12,325.0              | -8,733.3     | -1,521.0     | 8,861.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,300.0              | 90.00           | 179.51      | 12,325.0              | -8,833.3     | -1,520.2     | 8,960.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,400.0              | 90.00           | 179.51      | 12,325.0              | -8,933.3     | -1,519.3     | 9,059.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,500.0              | 90.00           | 179.51      | 12,325.0              | -9,033.3     | -1,518.5     | 9,157.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,600.0              | 90.00           | 179.51      | 12,325.0              | -9,133.3     | -1,517.6     | 9,256.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,700.0              | 90.00           | 179.51      | 12,325.0              | -9,233.3     | -1,516.8     | 9,355.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,800.0              | 90.00           | 179.51      | 12,325.0              | -9,333.3     | -1,515.9     | 9,454.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 21,900.0              | 90.00           | 179.51      | 12,325.0              | -9,433.3     | -1,515.0     | 9,553.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,000.0              | 90.00           | 179.51      | 12,325.0              | -9,533.3     | -1,514.2     | 9,652.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,100.0              | 90.00           | 179.51      | 12,325.0              | -9,633.3     | -1,513.3     | 9,750.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,200.0              | 90.00           | 179.51      | 12,325.0              | -9,733.3     | -1,512.5     | 9,849.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,300.0              | 90.00           | 179.51      | 12,325.0              | -9,833.3     | -1,511.6     | 9,948.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 22,400.0              | 90.00           | 179.51      | 12,325.0              | -9,933.2     | -1,510.7     | 10,047.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,500.0              | 90.00           | 179.51      | 12,325.0              | -10,033.2    | -1,509.9     | 10,146.1                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,600.0              | 90.00           | 179.51      | 12,325.0              | -10,133.2    | -1,509.0     | 10,245.0                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,700.0              | 90.00           | 179.51      | 12,325.0              | -10,233.2    | -1,508.2     | 10,343.8                | 0.00                    | 0.00                   | 0.00                  |  |
| 22,774.1              | 90.00           | 179.51      | 12,325.0              | -10,307.3    | -1,507.5     | 10,417.0                | 0.00                    | 0.00                   | 0.00                  |  |

ConocoPhillips  
Planning Report

|           |                                   |                              |                                     |
|-----------|-----------------------------------|------------------------------|-------------------------------------|
| Database: | EDT 17 Permian Prod               | Local Co-ordinate Reference: | Well PITCHBLENDE 24-25 FED COM 604H |
| Company:  | DELAWARE BASIN EAST               | TVD Reference:               | RKB=27ft @ 3380.3usft               |
| Project:  | LEA COUNTY SOUTHEAST              | MD Reference:                | RKB=27ft @ 3380.3usft               |
| Site:     | PITCHBLENDE 24-25 FEDERAL PROJECT | North Reference:             | Grid                                |
| Well:     | PITCHBLENDE 24-25 FED COM 604H    | Survey Calculation Method:   | Minimum Curvature                   |
| Wellbore: | OWB                               |                              |                                     |
| Design:   | PWP0                              |                              |                                     |

| Design Targets                                                                                 |           |          |          |           |          |            |            |                 |                   |
|------------------------------------------------------------------------------------------------|-----------|----------|----------|-----------|----------|------------|------------|-----------------|-------------------|
| Target Name                                                                                    |           |          |          |           |          |            |            |                 |                   |
| - hit/miss target                                                                              | Dip Angle | Dip Dir. | TVD      | +N/-S     | +E/-W    | Northing   | Easting    | Latitude        | Longitude         |
| - Shape                                                                                        | (°)       | (°)      | (usft)   | (usft)    | (usft)   | (usft)     | (usft)     |                 |                   |
| LTP_PITCHBLENDE 24                                                                             | 90.00     | 0.00     | 12,325.0 | -10,257.1 | -1,508.1 | 399,225.50 | 781,389.00 | 32° 5' 39.580 N | 103° 25' 28.908 W |
| - plan misses target center by 23.9usft at 22700.0usft MD (12325.0 TVD, -10233.2 N, -1508.2 E) |           |          |          |           |          |            |            |                 |                   |
| - Circle (radius 50.0)                                                                         |           |          |          |           |          |            |            |                 |                   |
| FTP_PITCHBLENDE 24                                                                             | 0.00      | 0.00     | 12,325.0 | 98.5      | -1,597.3 | 409,581.10 | 781,299.80 | 32° 7' 22.059 N | 103° 25' 28.930 W |
| - plan misses target center by 163.6usft at 12450.0usft MD (12205.3 TVD, -13.0 N, -1595.9 E)   |           |          |          |           |          |            |            |                 |                   |
| - Circle (radius 50.0)                                                                         |           |          |          |           |          |            |            |                 |                   |
| PBHL_PITCHBLENDE 24                                                                            | 0.00      | 359.50   | 12,325.0 | -10,307.1 | -1,507.7 | 399,175.50 | 781,389.40 | 32° 5' 39.085 N | 103° 25' 28.908 W |
| - plan misses target center by 0.2usft at 22773.9usft MD (12325.0 TVD, -10307.1 N, -1507.5 E)  |           |          |          |           |          |            |            |                 |                   |
| - Rectangle (sides W100.0 H10,408.3 D20.0)                                                     |           |          |          |           |          |            |            |                 |                   |

| Plan Annotations |                |                   |              |                                 |
|------------------|----------------|-------------------|--------------|---------------------------------|
| Measured Depth   | Vertical Depth | Local Coordinates |              | Comment                         |
| (usft)           | (usft)         | +N/-S (usft)      | +E/-W (usft) |                                 |
| 2,000.0          | 2,000.0        | 0.0               | 0.0          | Start Build 2.00                |
| 2,749.0          | 2,740.5        | 9.0               | -96.9        | Start 5076.0 hold at 2749.0 MD  |
| 7,825.0          | 7,644.0        | 130.3             | -1,403.4     | Start Drop -1.00                |
| 9,323.0          | 9,125.0        | 148.3             | -1,597.2     | Start 2722.5 hold at 9323.0 MD  |
| 12,045.5         | 11,847.5       | 148.3             | -1,597.2     | Start DLS 12.00 TFO 179.51      |
| 12,795.5         | 12,325.0       | -329.1            | -1,593.1     | Start 9978.5 hold at 12795.5 MD |
| 22,774.1         | 12,325.0       | -10,307.3         | -1,507.5     | TD at 22774.1                   |



Project: LEA COUNTY SOUTHEAST  
Site: PITCHBLEND 24-25 FEDERAL PROJECT  
Well: PITCHBLEND 24-25 FED COM 604H  
Wellbore: OWB  
Design: PWP0  
GL: 3353.3  
RKB=27ft @ 3380.3usft

WELL DETAILS: PITCHBLEND 24-25 FED COM 604H

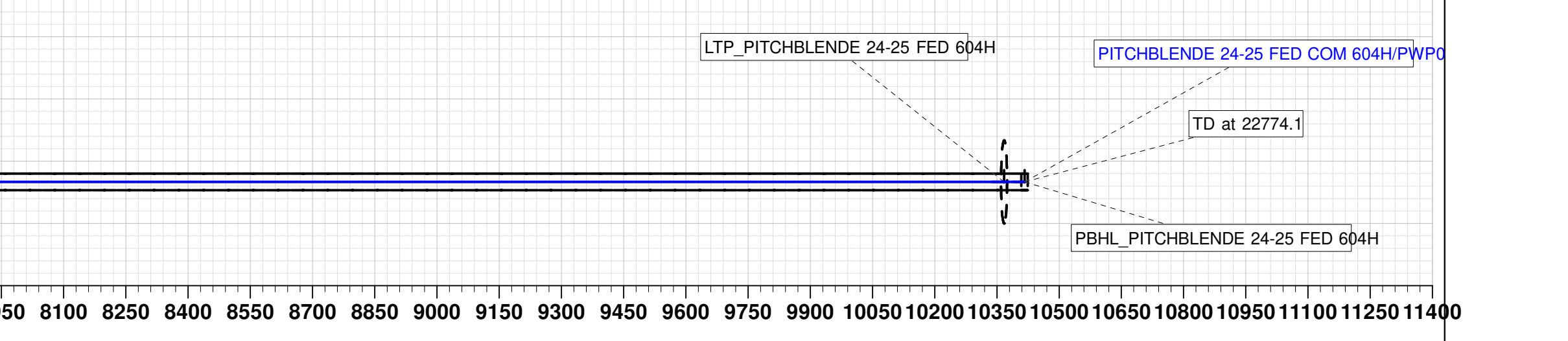
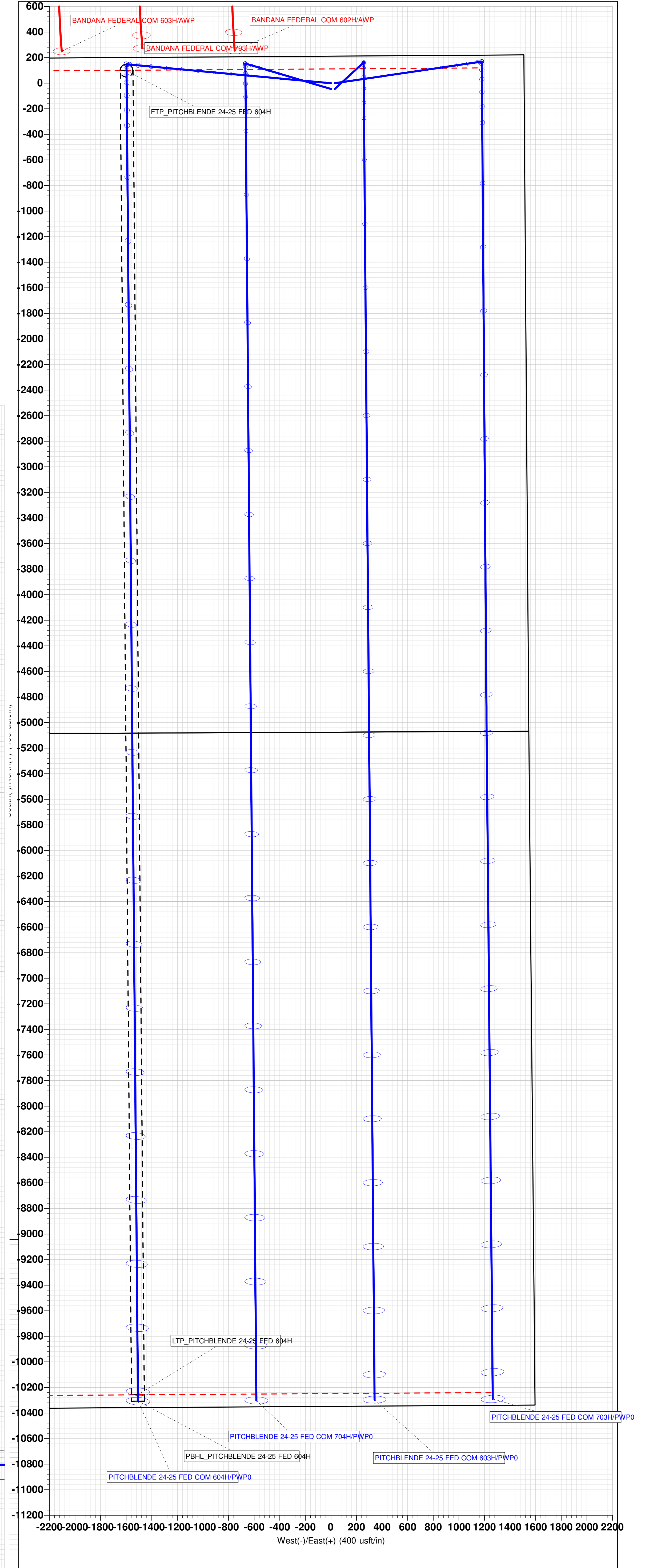
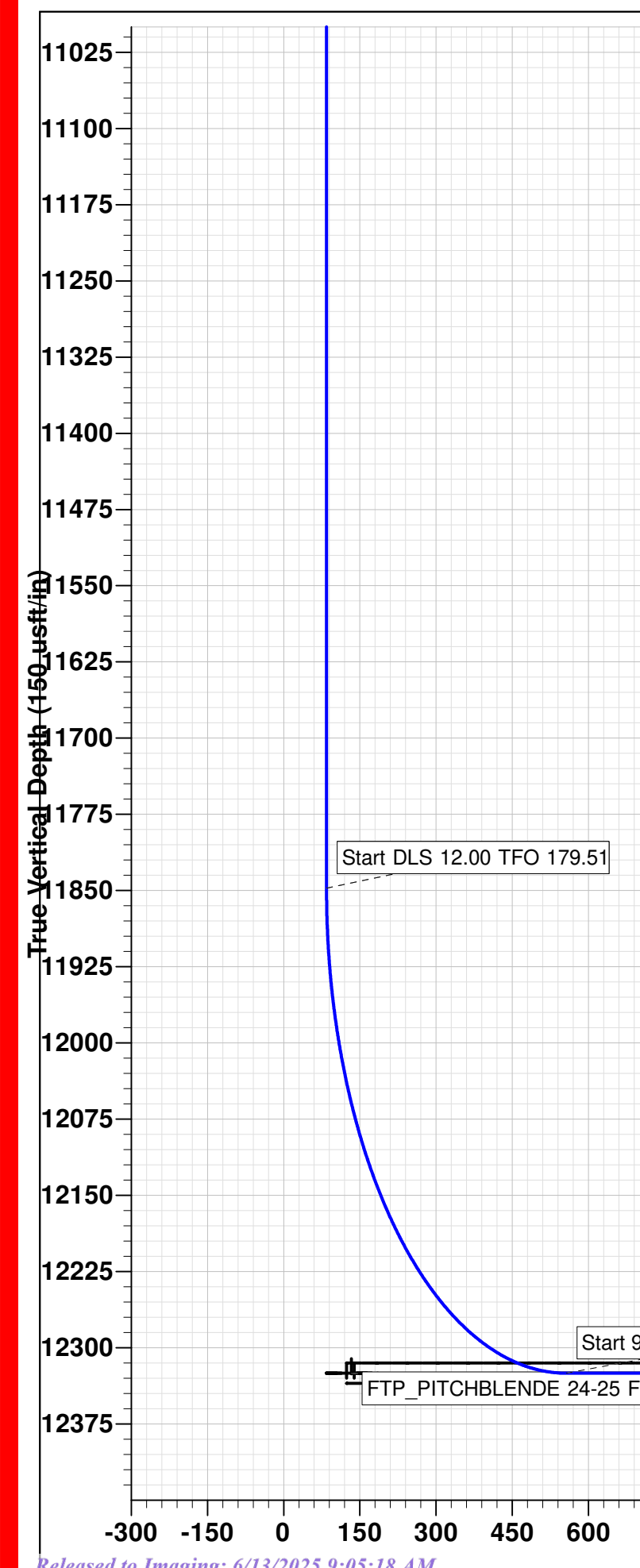
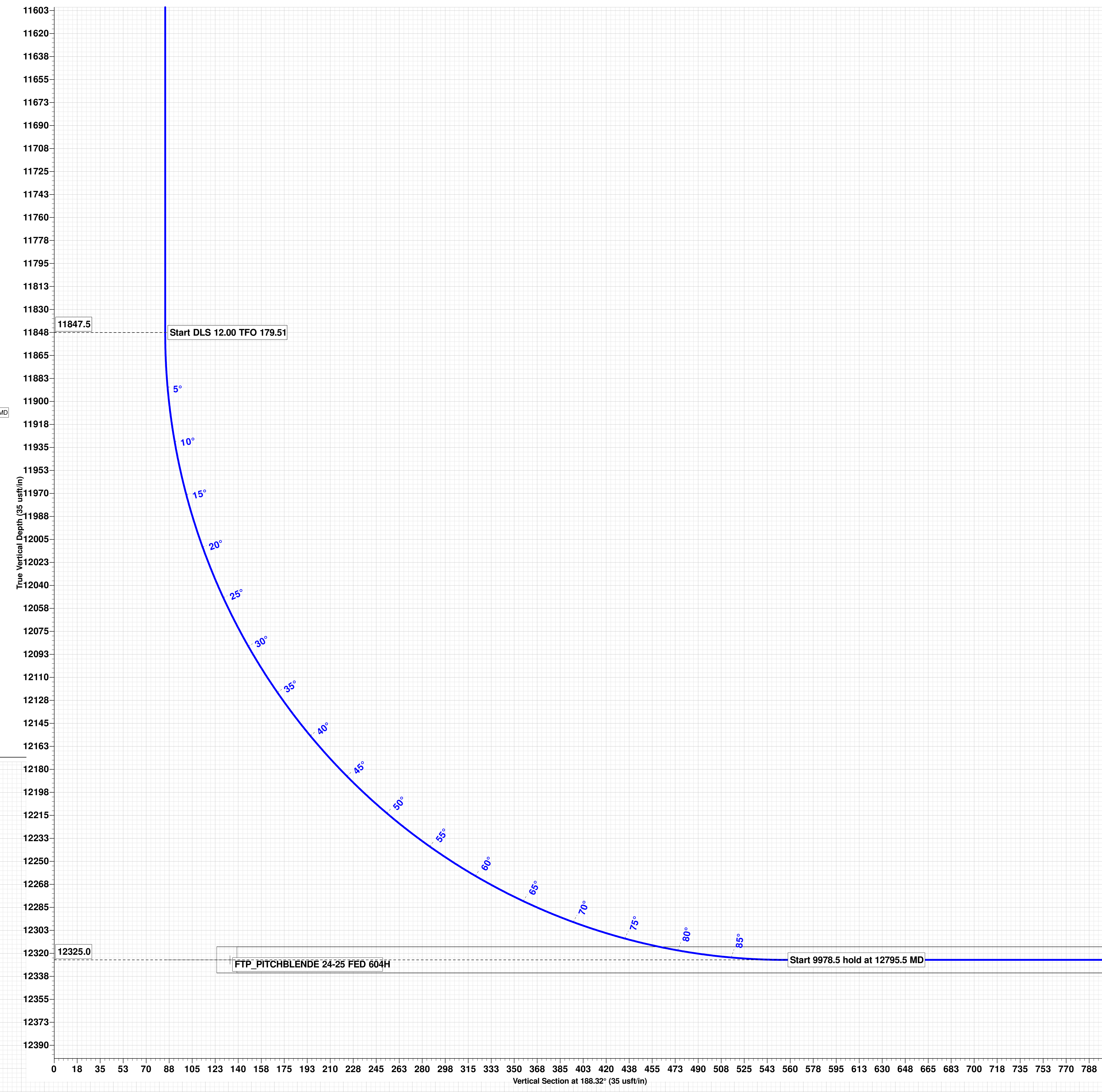
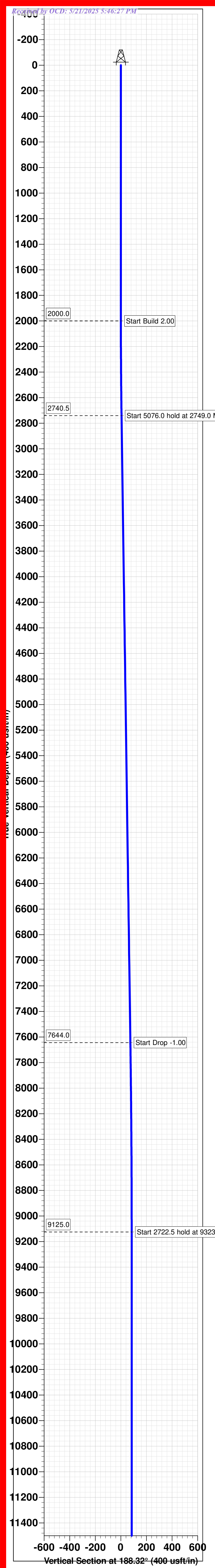
| +N/-S | +E/-W | Northing  | Easting   | Latitude        | Longitude         |
|-------|-------|-----------|-----------|-----------------|-------------------|
| 0.0   | 0.0   | 409482.60 | 782897.10 | 32° 7' 20.951 N | 103° 25' 10.367 W |

DESIGN TARGET DETAILS

| Name                           | TVD     | +N/-S    | +E/-W   | Northing  | Easting   |
|--------------------------------|---------|----------|---------|-----------|-----------|
| FTP_PITCHBLEND 24-25 FED 604H  | 12325.0 | 98.5     | -1597.3 | 409581.10 | 781299.80 |
| LTP_PITCHBLEND 24-25 FED 604H  | 12325.0 | -10257.1 | -1508.1 | 399225.50 | 781389.00 |
| PBHL_PITCHBLEND 24-25 FED 604H | 12325.0 | -10307.1 | -1507.7 | 399175.50 | 781389.40 |

SECTION DETAILS

| MD      | Inc   | Azi    | TVD     | +N/-S    | +E/-W   | Dleg  | TFace  | VSect   |
|---------|-------|--------|---------|----------|---------|-------|--------|---------|
| 0.0     | 0.00  | 0.00   | 0.0     | 0.0      | 0.0     | 0.00  | 0.00   | 0.0     |
| 2000.0  | 0.00  | 0.00   | 2000.0  | 0.0      | 0.0     | 0.00  | 0.00   | 0.0     |
| 2749.0  | 14.98 | 275.30 | 2740.5  | 9.0      | -96.9   | 2.00  | 275.30 | 5.1     |
| 7825.0  | 14.98 | 275.30 | 7644.0  | 130.3    | -1403.4 | 0.00  | 0.00   | 74.2    |
| 9323.0  | 0.00  | 0.00   | 9125.0  | 148.3    | -1587.2 | 1.00  | 180.00 | 84.4    |
| 12045.5 | 0.00  | 0.00   | 11847.5 | 148.3    | -1587.2 | 0.00  | 0.00   | 84.4    |
| 12795.5 | 90.00 | 179.51 | 12325.0 | -329.1   | -1583.1 | 12.00 | 179.51 | 556.3   |
| 22774.1 | 90.00 | 179.51 | 12325.0 | -10307.3 | -1507.5 | 0.00  | 0.00   | 10417.0 |



# ConocoPhillips - Pitchblende 24-25 Fed Com 604H

## 1. Geologic Formations

|               |             |                               |      |
|---------------|-------------|-------------------------------|------|
| TVD of target | 12,415' EOL | Pilot hole depth              | NA   |
| MD at TD:     | 22,902'     | Deepest expected fresh water: | 300' |

| Formation            | Depth (TVD) from KB | Water/Mineral Bearing/ Target Zone? | Hazards* |
|----------------------|---------------------|-------------------------------------|----------|
| Quaternary Fill      | Surface             | Water                               |          |
| Rustler              | 864                 | Water                               |          |
| Top of Salt          | 1300                | Salt                                |          |
| Base of Salt         | 5096                | Salt                                |          |
| Lamar                | 5365                | Salt Water                          |          |
| Bell Canyon          | 5403                | Salt Water                          |          |
| Cherry Canyon        | 6370                | Oil/Gas                             |          |
| Brushy Canyon        | 7994                | Oil/Gas                             |          |
| Bone Spring          | 9312                | Oil/Gas                             |          |
| 1st Bone Spring Sand | 10441               | Oil/Gas                             |          |
| 2nd Bone Spring Sand | 10984               | Oil/Gas                             |          |
| 3rd Bone Spring Sand | 12083               | Target Oil/Gas                      |          |
| Wolfcamp A           | 12589               | Not Penetrated                      |          |
|                      |                     |                                     |          |
|                      |                     |                                     |          |

## 2. Casing Program

| Hole Size                 | Casing Interval |        | Csg. Size | Weight (lbs) | Grade    | Conn. | SF Collapse | SF Burst | SF Body            | SF Joint           |
|---------------------------|-----------------|--------|-----------|--------------|----------|-------|-------------|----------|--------------------|--------------------|
|                           | From            | To     |           |              |          |       |             |          |                    |                    |
| 14.75"                    | 0               | 1065   | 10.75"    | 45.5         | J55      | BTC   | 4.29        | 1.12     | 14.76              | 16.43              |
| 9.875"                    | 0               | 8200   | 7.625"    | 29.7         | L80-ICY  | BTC   | 1.47        | 1.07     | 2.98               | 3.01               |
| 8.750"                    | 8200            | 12075  | 7.625"    | 29.7         | P110-ICY | W513  | 1.25        | 1.62     | 2.98               | 1.79               |
| 6.75"                     | 0               | 11875  | 5.5"      | 23           | P110-CY  | BTC   | 1.88        | 2.13     | 2.67               | 2.67               |
| 6.75"                     | 11875           | 22,902 | 5.5"      | 23           | P110-CY  | W441  | 1.80        | 2.13     | 2.55               | 2.32               |
| BLM Minimum Safety Factor |                 |        |           |              |          |       | 1.125       | 1        | 1.6 Dry<br>1.8 Wet | 1.6 Dry<br>1.8 Wet |

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface and  
All casing strings will be tested in accordance with 43 CFR Part 3170 Subpart 3172

The 5 1/2" W441 casing will be run back 200' into the intermediate casing to ensure the coupling OD clearance is greater than .422" for the cement bond tie in.

**ConocoPhillips - Pitchblende 24-25 Fed Com 604H**

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

## ConocoPhillips - Pitchblende 24-25 Fed Com 604H

## 3. Cementing Program

| Casing       | # Sks | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description |
|--------------|-------|----------------|------------------|-------------------------|-----------------------------------|--------------------|
| Surf.        | 365   | 13.5           | 1.75             | 9                       | 12                                | Lead: Class C      |
|              | 187   | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C      |
| Int. Stage 1 | 1211  | 11             | 2.54             | 15.33                   | 12                                | Lead: Class C      |
|              | 112   | 14.8           | 1.34             | 6.52                    | 8                                 | Tail: Class C      |
| Int. Stage 2 | 580   | 12.9           | 1.9              | 10.52                   | 24                                | Lead: Class C      |
|              | 192   | 14.8           | 1.34             | 6.52                    | 8                                 | Tail: Class C      |
| Prod         | 656   | 12.7           | 1.68             | 9.09                    | 72                                | Lead: Class C      |
|              | 1054  | 14.5           | 1.18             | 5.26                    | 19                                | Tail: Class H      |

Intermediate cement job to be performed offline.

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

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

| Casing String | TOC     | % Excess                       |
|---------------|---------|--------------------------------|
| Surface       | 0'      | 50%                            |
| Int Stg 1     | 0'      | 50%                            |
| Int Stg 2     | 0'      | 20%                            |
| Production    | 11,575' | 35% OH in Lateral (KOP to EOL) |

## 3b. Contingency Cementing Program

| Casing                | # Sks | Wt. lb/<br>gal | Yld ft3/<br>sack | H <sub>2</sub> O gal/sk | 500# Comp.<br>Strength<br>(hours) | Slurry Description              |
|-----------------------|-------|----------------|------------------|-------------------------|-----------------------------------|---------------------------------|
| Surf.                 | 365   | 13.5           | 1.75             | 9                       | 12                                | Lead: Class C                   |
|                       | 187   | 14.8           | 1.34             | 6.34                    | 8                                 | Tail: Class C                   |
| Bradenhead<br>Stage 1 | 411   | 15.6           | 1.216            | 5.28                    | 6                                 | Stage 1 Lead: Class H           |
|                       | 134   | 16.2           | 1.123            | 4.6                     | 11                                | Stage 1 Tail: Class H           |
| Bradenhead<br>Stage 2 | 2500  | 14.8           | 1.5              | 7.2                     | 4                                 | Bradenhead: Thixotropic Class C |
|                       | 400   | 14.8           | 1.33             | 6.4                     | 5                                 | Top Out: Class C                |
| Prod                  | 656   | 12.7           | 1.68             | 9.09                    | 72                                | Lead: Class C                   |
|                       | 1054  | 14.5           | 1.18             | 5.26                    | 19                                | Tail: Class H                   |

If conditions dictate, an offline bradenhead cement job will be performed to ensure cement to surface.

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

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

| Casing String | TOC     | % Excess                         |
|---------------|---------|----------------------------------|
| Surface       | 0'      | 50%                              |
| BH Stg 1      | 0'      | 50%                              |
| BH Stg 2      | 7,994'  | 121%                             |
| Production    | 11,575' | 0.35% OH in Lateral (KOP to EOL) |

## ConocoPhillips - Pitchblende 24-25 Fed Com 604H

## 4. Pressure Control Equipment

|   |                                                                                                                                              |
|---|----------------------------------------------------------------------------------------------------------------------------------------------|
| N | A variance is requested for the use of a diverter on the surface casing.<br>See attached for schematic.                                      |
| Y | A variance is requested for the use of BOPE break testing on intermediate skids (in accordance with the 30 day full BOPE test requirements). |

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

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

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

|   |                                                                                                                                                                                                                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Y | Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172.<br><br>On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR Part 3170 Subpart 3172. |
| Y | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                                       |
| N | Are anchors required by manufacturer?                                                                                                                                                                                                                                                                                 |
| Y | A multibowl wellhead is being used. The BOP will be tested per 43 CFR part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.                                       |

## ConocoPhillips - Pitchblende 24-25 Fed Com 604H

## 5. Mud Program

| Depth           |                 | Type                  | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-----------------|-----------------------|--------------|-----------|------------|
| From            | To              |                       |              |           |            |
| 0               | Surf. Shoe      | FW Gel                | 8.6 - 8.8    | 28-34     | N/C        |
| Surf csg        | 7-5/8" Int shoe | Brine Diesel Emulsion | 8.4 - 9.4    | 28-34     | N/C        |
| 7-5/8" Int shoe | Lateral TD      | OBM                   | 9 - 12.5     | 35-45     | <20        |

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

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

## 6. Logging and Testing Procedures

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

| Additional logs planned |             | Interval                |
|-------------------------|-------------|-------------------------|
| N                       | Resistivity | Pilot Hole TD to ICP    |
| N                       | Density     | Pilot Hole TD to ICP    |
| N                       | CBL         | Production casing       |
| Y                       | Mud log     | Intermediate shoe to TD |
| N                       | PEX         |                         |

**ConocoPhillips - Pitchblende 24-25 Fed Com 604H****7. Drilling Conditions**

| Condition                  | Specify what type and where? |
|----------------------------|------------------------------|
| BH Pressure at deepest TVD | 8070 psi at 12415' TVD       |
| Abnormal Temperature       | NO 180 Deg. F.               |

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

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

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

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

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

**8. Other Facets of Operation**

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

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

|                                                    |                                                                               |                                            |
|----------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------|
| <b>Well Name:</b> PITCHBLENDE 24-25<br>FEDERAL COM | <b>Well Location:</b> T25S / R34E / SEC 24 /<br>NWE / 32.122612 / -103.420013 | <b>County or Parish/State:</b> LEA /<br>NM |
| <b>Well Number:</b> 604H                           | <b>Type of Well:</b> OIL WELL                                                 | <b>Allottee or Tribe Name:</b>             |
| <b>Lease Number:</b> NMNM122624                    | <b>Unit or CA Name:</b>                                                       | <b>Unit or CA Number:</b>                  |
| <b>US Well Number:</b> 3002553942                  | <b>Operator:</b> COG OPERATING LLC                                            |                                            |

Notice of Intent

**Sundry ID:** 2831863

|                                                       |                                     |
|-------------------------------------------------------|-------------------------------------|
| <b>Type of Submission:</b> Notice of Intent           | <b>Type of Action:</b> APD Change   |
| <b>Date Sundry Submitted:</b> 01/15/2025              | <b>Time Sundry Submitted:</b> 01:29 |
| <b>Date proposed operation will begin:</b> 01/15/2025 |                                     |

**Procedure Description:** COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL Changes: From: 50' FSL and 2010' FEL Section. 25. T25S. R34E. To: 50' FSL and 2178' FWL Section. 25. T25S. R34E. C102 Attached. Dedicated Acres: From: 640. To: 320. Drilling Changes: Drilling Program, Directional Plan, AC Report and Specs Attached.

NOI Attachments

Procedure Description

- Pitchblende\_24\_25\_Federal\_Com\_604H\_Directonal\_Plan\_20250115131934.pdf
- Pitchblende\_24\_25\_Federal\_Com\_604H\_Drilling\_Program\_01082025\_20250115131932.pdf
- Wedge\_513\_7.625\_0.375\_P110\_ICY\_10112023\_20250115131932.pdf
- Wedge\_513\_7.625\_0.375\_P110\_ICY\_01192024\_90rbw\_20250115131920.pdf
- 23\_5.5\_Wedge\_441\_P110\_CY\_20250115131920.pdf
- 23\_5.5\_TXP\_BTC\_P110\_CY\_20250115131920.pdf
- COG\_Pitchblende\_24\_25\_Federal\_Com\_604H\_New\_C102\_20250115131917.pdf
- Pitchblende\_24\_25\_Federal\_Com\_604H\_AC\_Report\_20250115131920.pdf
- API\_BTC\_10.750\_0.400\_J55\_Casing\_11092022\_20250115131920.pdf

Received by OCD: 5/21/2025 5:46:27 PM

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|                                             |                                                                         |                                     |
|---------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|
| Well Name: PITCHBLENDE 24-25<br>FEDERAL COM | Well Location: T25S / R34E / SEC 24 /<br>NWNE / 32.122612 / -103.420013 | County or Parish/State: LEA /<br>NM |
| Well Number: 604H                           | Type of Well: OIL WELL                                                  | Allottee or Tribe Name:             |
| Lease Number: NMNM122624                    | Unit or CA Name:                                                        | Unit or CA Number:                  |
| US Well Number: 3002553942                  | Operator: COG OPERATING LLC                                             |                                     |

Conditions of Approval

Additional

PITCHBLENDE\_24\_25\_FED\_COM\_604H\_COAs\_20250509113521.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

|                                                 |                                  |
|-------------------------------------------------|----------------------------------|
| Operator Electronic Signature: MAYTE REYES      | Signed on: JAN 15, 2025 01:20 PM |
| Name: COG OPERATING LLC                         |                                  |
| Title: Regulatory Analyst                       |                                  |
| Street Address: 925 N ELDRIDGE PARKWAY          |                                  |
| City: HOUSTON                                   | State: TX                        |
| Phone: (281) 293-1000                           |                                  |
| Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM |                                  |

Field

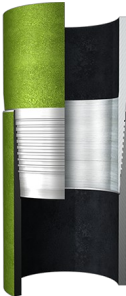
|                                                    |            |
|----------------------------------------------------|------------|
| Representative Name: Gerald Herrera                |            |
| Street Address: 2208 West Main Street              |            |
| City: Artesia                                      | State: NM  |
| Phone: (575)748-6940                               | Zip: 88210 |
| Email address: gerald.a.herrera@conocophillips.com |            |

BLM Point of Contact

|                                 |                                       |
|---------------------------------|---------------------------------------|
| BLM POC Name: CHRISTOPHER WALLS | BLM POC Title: Petroleum Engineer     |
| BLM POC Phone: 5752342234       | BLM POC Email Address: cwalls@blm.gov |
| Disposition: Approved           | Disposition Date: 05/20/2025          |
| Signature: Chris Walls          |                                       |



# Wedge 513®



| Coupling             | Pipe Body            |
|----------------------|----------------------|
| Grade: P110-ICV      | Grade: P110-ICV      |
| Body: White          | 1st Band: White      |
| 1st Band: Pale Green | 2nd Band: Pale Green |
| 2nd Band: -          | 3rd Band: Pale Green |
| 3rd Band: -          | 4th Band: -          |
|                      | 5th Band: -          |
|                      | 6th Band: -          |

|                      |           |                 |              |       |          |
|----------------------|-----------|-----------------|--------------|-------|----------|
| Outside Diameter     | 7.625 in. | Wall Thickness  | 0.375 in.    | Grade | P110-ICV |
| Min. Wall Thickness  | 90.00 %   | Pipe Body Drift | API Standard | Type  | Casing   |
| Connection OD Option | REGULAR   |                 |              |       |          |

## Pipe Body Data

| Geometry       |             |                  |             | Performance                  |               |
|----------------|-------------|------------------|-------------|------------------------------|---------------|
| Nominal OD     | 7.625 in.   | Wall Thickness   | 0.375 in.   | Body Yield Strength          | 1068 x1000 lb |
| Nominal Weight | 29.70 lb/ft | Plain End Weight | 29.06 lb/ft | Min. Internal Yield Pressure | 11,070 psi    |
| Drift          | 6.750 in.   | OD Tolerance     | API         | SMYS                         | 125,000 psi   |
| Nominal ID     | 6.875 in.   |                  |             | Collapse Pressure            | 7360 psi      |

## Connection Data

| Geometry             |           | Performance                |              | Make-Up Torques         |              |
|----------------------|-----------|----------------------------|--------------|-------------------------|--------------|
| Connection OD        | 7.625 in. | Tension Efficiency         | 60 %         | Minimum                 | 9000 ft-lb   |
| Connection ID        | 6.800 in. | Joint Yield Strength       | 641 x1000 lb | Optimum                 | 10,800 ft-lb |
| Make-up Loss         | 4.420 in. | Internal Pressure Capacity | 11,070 psi   | Maximum                 | 15,800 ft-lb |
| Threads per inch     | 3.29      | Compression Efficiency     | 75.20 %      | Operation Limit Torques |              |
| Connection OD Option | Regular   | Compression Strength       | 803 x1000 lb | Operating Torque        | 53,000 ft-lb |
|                      |           | Max. Allowable Bending     | 45 °/100 ft  | Yield Torque            | 79,000 ft-lb |
|                      |           | External Pressure Capacity | 7360 psi     |                         |              |

## Notes

This connection is fully interchangeable with:  
Wedge 523® - 7.625 in. - 0.375 (29.70) in. (lb/ft)  
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)  
For further information on concepts indicated in this datasheet, download the Datasheet Manual from [www.tenaris.com](http://www.tenaris.com)

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# TenarisHydril Wedge 441®



| Coupling       | Pipe Body       |
|----------------|-----------------|
| Grade: P110-CY | Grade: P110-CY  |
| Body: White    | 1st Band: White |
| 1st Band: Grey | 2nd Band: Grey  |
| 2nd Band: -    | 3rd Band: -     |
| 3rd Band: -    | 4th Band: -     |
|                | 5th Band: -     |
|                | 6th Band: -     |

|                      |           |                 |              |       |         |
|----------------------|-----------|-----------------|--------------|-------|---------|
| Outside Diameter     | 5.500 in. | Wall Thickness  | 0.415 in.    | Grade | P110-CY |
| Min. Wall Thickness  | 87.50 %   | Pipe Body Drift | API Standard | Type  | Casing  |
| Connection OD Option | REGULAR   |                 |              |       |         |

Pipe Body Data

| Geometry       |           |                  |             | Performance                  |              |
|----------------|-----------|------------------|-------------|------------------------------|--------------|
| Nominal OD     | 5.500 in. | Wall Thickness   | 0.415 in.   | Body Yield Strength          | 729 x1000 lb |
| Nominal Weight | 23 lb/ft  | Plain End Weight | 22.56 lb/ft | Min. Internal Yield Pressure | 14,530 psi   |
| Drift          | 4.545 in. | OD Tolerance     | API         | SMYS                         | 110,000 psi  |
| Nominal ID     | 4.670 in. |                  |             | Collapse Pressure            | 14,540 psi   |

Connection Data

| Geometry             |           | Performance                |              | Make-Up Torques         |              |
|----------------------|-----------|----------------------------|--------------|-------------------------|--------------|
| Connection OD        | 5.900 in. | Tension Efficiency         | 90.80 %      | Minimum                 | 15,000 ft-lb |
| Coupling Length      | 8.714 in. | Joint Yield Strength       | 662 x1000 lb | Optimum                 | 16,000 ft-lb |
| Connection ID        | 4.670 in. | Internal Pressure Capacity | 14,530 psi   | Maximum                 | 19,200 ft-lb |
| Make-up Loss         | 3.780 in. | Compression Efficiency     | 90.80 %      | Operation Limit Torques |              |
| Threads per inch     | 3.40      | Compression Strength       | 662 x1000 lb | Operating Torque        | 33,000 ft-lb |
| Connection OD Option | Regular   | Max. Allowable Bending     | 79 °/100 ft  | Yield Torque            | 39,000 ft-lb |
|                      |           | External Pressure Capacity | 14,540 psi   | Buck-On                 |              |
|                      |           | Coupling Face Load         | 172,000 lb   | Minimum                 | 19,200 ft-lb |
|                      |           |                            |              | Maximum                 | 20,700 ft-lb |

Notes

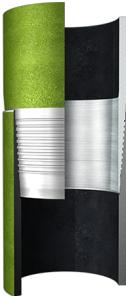
This connection is fully interchangeable with:  
Wedge 441® - 5.5 in. - 0.476 in.  
Connections with Dopeless® Technology are fully compatible with the same connection in its Standard version

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)

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# Wedge 513<sup>®</sup>



| Coupling             | Pipe Body            |
|----------------------|----------------------|
| Grade: P110-ICY      | Grade: P110-ICY      |
| Body: White          | 1st Band: White      |
| 1st Band: Pale Green | 2nd Band: Pale Green |
| 2nd Band: -          | 3rd Band: Pale Green |
| 3rd Band: -          | 4th Band: -          |
|                      | 5th Band: -          |
|                      | 6th Band: -          |

|                      |           |                 |              |       |          |
|----------------------|-----------|-----------------|--------------|-------|----------|
| Outside Diameter     | 7.625 in. | Wall Thickness  | 0.375 in.    | Grade | P110-ICY |
| Min. Wall Thickness  | 90.00 %   | Pipe Body Drift | API Standard | Type  | Casing   |
| Connection OD Option | REGULAR   |                 |              |       |          |

## Pipe Body Data

| Geometry       |             |                  |             | Performance                  |               |
|----------------|-------------|------------------|-------------|------------------------------|---------------|
| Nominal OD     | 7.625 in.   | Wall Thickness   | 0.375 in.   | Body Yield Strength          | 1068 x1000 lb |
| Nominal Weight | 29.70 lb/ft | Plain End Weight | 29.06 lb/ft | Min. Internal Yield Pressure | 11,070 psi    |
| Drift          | 6.750 in.   | OD Tolerance     | API         | SMYS                         | 125,000 psi   |
| Nominal ID     | 6.875 in.   |                  |             | Collapse Pressure            | 7360 psi      |

## Connection Data

| Geometry             |           | Performance                |              | Make-Up Torques         |              |
|----------------------|-----------|----------------------------|--------------|-------------------------|--------------|
| Connection OD        | 7.625 in. | Tension Efficiency         | 60 %         | Minimum                 | 9000 ft-lb   |
| Connection ID        | 6.800 in. | Joint Yield Strength       | 641 x1000 lb | Optimum                 | 10,800 ft-lb |
| Make-up Loss         | 4.420 in. | Internal Pressure Capacity | 11,070 psi   | Maximum                 | 15,800 ft-lb |
| Threads per inch     | 3.29      | Compression Efficiency     | 75.20 %      | Operation Limit Torques |              |
| Connection OD Option | Regular   | Compression Strength       | 803 x1000 lb | Operating Torque        | 53,000 ft-lb |
|                      |           | Max. Allowable Bending     | 45 °/100 ft  | Yield Torque            | 79,000 ft-lb |
|                      |           | External Pressure Capacity | 7360 psi     |                         |              |

## Notes

This connection is fully interchangeable with:  
Wedge 523<sup>®</sup> - 7.625 in. - 0.375 (29.70) in. (lb/ft)  
Connections with Dopeless<sup>®</sup> Technology are fully compatible with the same connection in its doped version

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# API BTC

| Coupling            | Pipe Body              |
|---------------------|------------------------|
| Grade: J55 (Casing) | Grade: J55 (Casing)    |
| Body: Bright Green  | 1st Band: Bright Green |
| 1st Band: White     | 2nd Band: -            |
| 2nd Band: -         | 3rd Band: -            |
| 3rd Band: -         | 4th Band: -            |

|                      |            |                 |              |       |              |
|----------------------|------------|-----------------|--------------|-------|--------------|
| Outside Diameter     | 10.750 in. | Wall Thickness  | 0.400 in.    | Grade | J55 (Casing) |
| Min. Wall Thickness  | 87.50 %    | Pipe Body Drift | API Standard | Type  | Casing       |
| Connection OD Option | Regular    |                 |              |       |              |

## Pipe Body Data

| Geometry       |              |                  | Performance |                              |              |
|----------------|--------------|------------------|-------------|------------------------------|--------------|
| Nominal OD     | 10.750 in.   | Drift            | 9.794 in.   | SMYS                         | 55,000 psi   |
| Wall Thickness | 0.400 in.    | Plain End Weight | 44.26 lb/ft | Min UTS                      | 75,000 psi   |
| Nominal Weight | 45.500 lb/ft | OD Tolerance     | API         | Body Yield Strength          | 715 x1000 lb |
| Nominal ID     | 9.950 in.    |                  |             | Min. Internal Yield Pressure | 3580 psi     |
|                |              |                  |             | Collapse Pressure            | 2090 psi     |
|                |              |                  |             | Max. Allowed Bending         | 23 °/100 ft  |

## Connection Data

| Geometry             |            | Performance                |              |
|----------------------|------------|----------------------------|--------------|
| Thread per In        | 5          | Joint Strength             | 796 x1000 lb |
| Connection OD        | 11.750 in. | Coupling Face Load         | 628 x1000 lb |
| Hand Tight Stand Off | 1 in.      | Internal Pressure Capacity | 3580 psi     |

## Notes

For products according to API Standards 5CT & 5B; Performance calculated considering API Technical Report 5C3 (Sections 9 & 10) equations.  
For geometrical and steel grades combinations not considered in the API Standards 5CT and/or 5B; Performance calculations indirectly derived from API Technical Report 5C3 (Sections 9 & 10) equations.  
Couplings OD are shown according to current API 5CT 10th Edition.  
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## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                  |                                |
|------------------|--------------------------------|
| OPERATOR'S NAME: | COG OPERATING LLC              |
| WELL NAME & NO.: | PITCHBLENDE 24-25 FED COM 604H |
| LOCATION:        | Section 24, T.25 S., R.34 E.   |
| COUNTY:          | Lea County, New Mexico         |

COA

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

### A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet 43 CFR part 3170 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

### B. CASING

#### Primary Casing Design:

1. The **10-3/4 inch** surface casing shall be set at approximately **1065 feet** (a minimum of 25 feet (Lea County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface. The surface hole shall be **14 3/4 inch** in diameter.

- a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
- b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial cementing will be done prior to drilling out that string.

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

2. The minimum required fill of cement behind the 7-5/8 inch intermediate casing is:
  - Cement to surface. If cement does not circulate see B.1.a, c-d above.  
**Cement excess is less than 25%, more cement is required if washout occurs. Adjust cement volume and excess based on a fluid caliper or similar method that reflects the as-drilled size of the wellbore.**

**Contingency:**

**Operator has proposed a contingency if losses are encountered**, a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
- b. Second stage above DV tool:
  - Cement to surface. If cement does not circulate, contact the appropriate BLM office.  
**Cement excess is less than 25%, more cement is required if washout occurs. Adjust cement volume and excess based on a fluid caliper or similar method that reflects the as-drilled size of the wellbore.**

### **Contingency Bradenhead Squeeze**

**Operator has proposed to pump down 10-3/4" X 7-5/8" annulus. Operator must top out cement after the bradenhead squeeze and verify cement to surface. Operator can also check TOC with Echo-meter. CBL must be run from TD of the 7-5/8" casing to surface if confidence is lacking on the quality of the bradenhead squeeze cement job. Submit results to BLM.**

**Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry between second stage BH and top out. Operator must run one CBL per Well Pad.**

**If cement does not reach surface, the next casing string must come to surface.**

**Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.**

3. **The W441 connection should tie back 500'+ into the W513 intermediate casing for clearance overlap.** The minimum required fill of cement behind the 5-1/2 inch production casing is:

- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

### **C. PRESSURE CONTROL**

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **10-3/4 inch** surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000 (10M) psi. Variance is approved to use a 5000 (5M) Annular which shall be tested to 3500 (70% Working Pressure) psi.**
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

- e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

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

##### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in Onshore Order 1 and 2.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

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

##### **BOPE Break Testing Variance**

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per Onshore Oil and Gas Order No. 2.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

**Casing Clearance:**

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

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

**Offline Cementing**

Contact the BLM prior to the commencement of any offline cementing procedure.

**GENERAL REQUIREMENTS**

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

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

☒ Eddy County

**EMAIL** or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,  
[BLM\\_NM\\_CFO\\_DrillingNotifications@BLM.GOV](mailto:BLM_NM_CFO_DrillingNotifications@BLM.GOV)  
(575) 361-2822

☒ Lea County

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,  
(575) 689-5981

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - i. Notify the BLM when moving in and removing the Spudder Rig.
    - ii. Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.

- iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2<sup>nd</sup> Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

#### A. CASING

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

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

#### **B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
  - i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.

- ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - iii. Manufacturer representative shall install the test plug for the initial BOP test.
  - iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
  - v. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
- i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)
  - iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds

compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

- iv. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- v. The results of the test shall be reported to the appropriate BLM office.
- vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- vii. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

#### **C. DRILLING MUD**

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

#### **D. WASTE MATERIAL AND FLUIDS**

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

JS 5/9/2025

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

CONDITIONS

Action 465943

CONDITIONS

|                                                                           |                                                      |
|---------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                     |
|                                                                           | Action Number:<br>465943                             |
|                                                                           | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| Created By    | Condition                                                              | Condition Date |
|---------------|------------------------------------------------------------------------|----------------|
| matthew.gomez | Notify the OCD 24 hours prior to casing & cement.                      | 6/13/2025      |
| matthew.gomez | Any previous COA's not addressed within the updated COA's still apply. | 6/13/2025      |