

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

General Information  
Phone: (505) 629-6116

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

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

Form C-101  
August 1, 2011  
Permit 402239

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                     |                                     |                               |
|-----------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------|
| 1. Operator Name and Address<br>MARATHON OIL PERMIAN LLC<br>600 W Illinois Ave<br>Midland, TX 79701 |                                     | 2. OGRID Number<br>372098     |
|                                                                                                     |                                     | 3. API Number<br>30-015-57451 |
| 4. Property Code<br>337851                                                                          | 5. Property Name<br>MAGELLAN WC FEE | 6. Well No.<br>701H           |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                  |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>M | Section<br>29 | Township<br>22S | Range<br>27E | Lot Idn<br>M | Feet From<br>969 | N/S Line<br>S | Feet From<br>336 | E/W Line<br>W | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |              |                  |               |                  |               |                |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|
| UL - Lot<br>P | Section<br>28 | Township<br>22S | Range<br>27E | Lot Idn<br>P | Feet From<br>750 | N/S Line<br>S | Feet From<br>200 | E/W Line<br>E | County<br>Eddy |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|----------------|

**9. Pool Information**

|                            |       |
|----------------------------|-------|
| PURPLE SAGE;WOLFCAMP (GAS) | 98220 |
|----------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                           |                                    |
|---------------------------|-----------------------------|----------------------------------------|---------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>GAS        | 13. Cable/Rotary                       | 14. Lease Type<br>Private | 15. Ground Level Elevation<br>3167 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>18850 | 18. Formation<br>Wolfcamp              | 19. Contractor            | 20. Spud Date<br>2/1/2026          |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                           | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25     | 9.625       | 40               | 1850          | 550             | 0             |
| Int1 | 8.75      | 7.625       | 29.7             | 8400          | 1300            | 0             |
| Prod | 6.75      | 5.5         | 23               | 18850         | 950             | 6500          |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Double Ram | 5000             | 3000          | StreamFlo    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br/>I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.<br/><b>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.</b></p> <p>Signature:</p> <p>Printed Name: Electronically filed by Robyn M Russell</p> <p>Title: Regulatory Supervisor</p> <p>Email Address: Robyn.M.Russell@conocophillips.com</p> <p>Date: 11/4/2025</p> | <p style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></p> <p>Approved By: Jeffrey Harrison</p> <p>Title: Petroleum Specialist III</p> <p>Approved Date: 11/7/2025</p> <p>Expiration Date: 11/7/2027</p> <p>Conditions of Approval Attached</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

## WELL LOCATION INFORMATION

|                                                                                                                                                        |                                                  |                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| API Number<br><b>30-015-57451</b>                                                                                                                      | Pool Code<br><b>98220</b>                        | Pool Name<br><b>PURPLE SAGE; WOLFCAMP (GAS)</b>                                                                                                        |
| Property Code<br><b>337851</b>                                                                                                                         | Property Name<br><b>MAGELLAN WC FEE</b>          | Well Number<br><b>701H</b>                                                                                                                             |
| OGRID No.<br><b>372098</b>                                                                                                                             | Operator Name<br><b>MARATHON OIL PERMIAN LLC</b> | Ground Level Elevation<br><b>3,167'</b>                                                                                                                |
| Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                  | Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

## Surface Location

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>M</b> | Section<br><b>29</b> | Township<br><b>22S</b> | Range<br><b>27E</b> | Lot | Ft. from N/S<br><b>969' FSL</b> | Ft. from E/W<br><b>336' FWL</b> | Latitude<br><b>32.358884°</b> | Longitude<br><b>-104.219066°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

## Bottom Hole Location

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>P</b> | Section<br><b>28</b> | Township<br><b>22S</b> | Range<br><b>27E</b> | Lot | Ft. from N/S<br><b>750' FSL</b> | Ft. from E/W<br><b>200' FEL</b> | Latitude<br><b>32.358312°</b> | Longitude<br><b>-104.186492°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

|                               |                                          |                   |                                                                                                               |                                  |
|-------------------------------|------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|
| Dedicated Acres<br><b>640</b> | Infill or Defining Well<br><b>INFILL</b> | Defining Well API | Overlapping Spacing Unit (Y/N)<br><b>NO</b>                                                                   | Consolidation Code<br><b>N/A</b> |
| Order Numbers.                |                                          |                   | Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                                  |

## Kick Off Point (KOP)

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>M</b> | Section<br><b>29</b> | Township<br><b>22S</b> | Range<br><b>27E</b> | Lot | Ft. from N/S<br><b>969' FSL</b> | Ft. from E/W<br><b>336' FWL</b> | Latitude<br><b>32.358884°</b> | Longitude<br><b>-104.219066°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

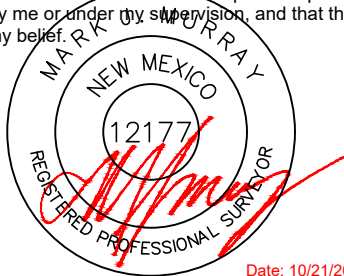
## First Take Point (FTP)

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>M</b> | Section<br><b>29</b> | Township<br><b>22S</b> | Range<br><b>27E</b> | Lot | Ft. from N/S<br><b>750' FSL</b> | Ft. from E/W<br><b>330' FWL</b> | Latitude<br><b>32.358282°</b> | Longitude<br><b>-104.219088°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

## Last Take Point (LTP)

|                |                      |                        |                     |     |                                 |                                 |                               |                                  |                       |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|
| UL<br><b>P</b> | Section<br><b>28</b> | Township<br><b>22S</b> | Range<br><b>27E</b> | Lot | Ft. from N/S<br><b>750' FSL</b> | Ft. from E/W<br><b>330' FEL</b> | Latitude<br><b>32.358310°</b> | Longitude<br><b>-104.186913°</b> | County<br><b>EDDY</b> |
|----------------|----------------------|------------------------|---------------------|-----|---------------------------------|---------------------------------|-------------------------------|----------------------------------|-----------------------|

|                                                        |                                                                                                    |                                          |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------|
| Unitized Area or Area of Uniform Interest<br><b>NO</b> | Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation:<br><b>3,167'</b> |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------|

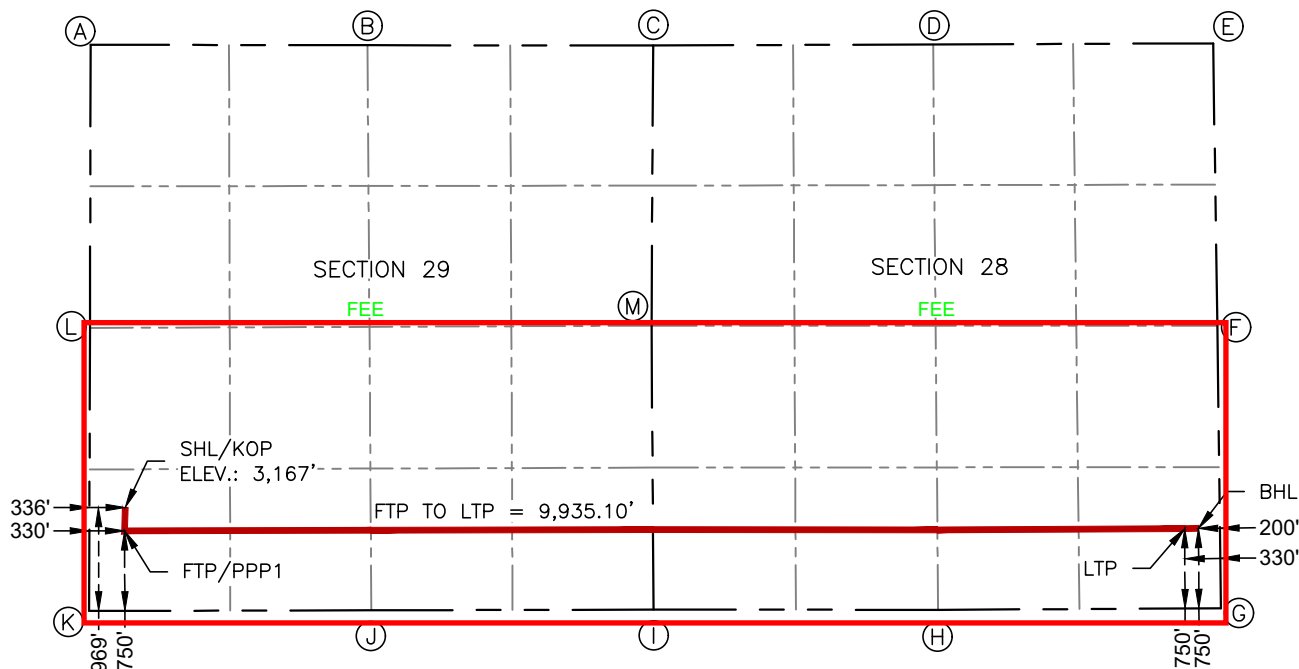
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                     |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>OPERATOR CERTIFICATIONS</b><br><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.<br><br>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. |  | <b>SURVEYOR CERTIFICATIONS</b><br><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.<br><br><br>Date: 10/21/2025 |                                     |
| Signature <i>Kayla Estrada</i> Date <b>11/4/25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Signature and Seal of Professional Surveyor                                                                                                                                                                                                                                                                                                                         |                                     |
| Printed Name <b>Kayla Estrada</b><br><b>kayla.l.estrada@conocophillips.com</b><br>Email Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Certificate Number<br><b>12177</b>                                                                                                                                                                                                                                                                                                                                  | Date of Survey<br><b>10/21/2025</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Revision Number<br><b>1</b>                                                                                                                                                                                                                                                                                                                                         |                                     |

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

## ACREAGE DEDICATION PLATS

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

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

**MAGELLAN WC FEE 701H**

SURFACE HOLE LOCATION  
& KICK-OFF POINT  
969' FSL & 336' FWL  
ELEV. = 3,167'

NAD 83 X = 576,620.23'  
NAD 83 Y = 494,312.64'  
NAD 83 LAT = 32.358884°  
NAD 83 LONG = -104.219066°

FIRST TAKE POINT &  
PENETRATION POINT 1  
750' FSL & 330' FWL

NAD 83 X = 576,613.68'  
NAD 83 Y = 494,093.62'  
NAD 83 LAT = 32.358282°  
NAD 83 LONG = -104.219088°

LAST TAKE POINT  
750' FSL & 330' FEL

NAD 83 X = 586,548.74'  
NAD 83 Y = 494,115.98'  
NAD 83 LAT = 32.358310°  
NAD 83 LONG = -104.186913°

BOTTOM HOLE LOCATION  
750' FSL & 200' FEL

NAD 83 X = 586,678.74'  
NAD 83 Y = 494,116.65'  
NAD 83 LAT = 32.358312°  
NAD 83 LONG = -104.186492°

| CORNER COORDINATES<br>NEW MEXICO EAST - NAD 83 |                             |
|------------------------------------------------|-----------------------------|
| POINT                                          | NORTHING/EASTING            |
| A                                              | N:498,651.15' E:576,295.08' |
| B                                              | N:498,646.70' E:578,889.42' |
| C                                              | N:498,644.15' E:581,566.79' |
| D                                              | N:498,654.19' E:584,191.21' |
| E                                              | N:498,664.23' E:586,815.64' |
| F                                              | N:496,016.22' E:586,854.85' |
| G                                              | N:493,367.72' E:586,888.18' |
| H                                              | N:493,354.05' E:584,237.40' |
| I                                              | N:493,355.68' E:581,571.23' |
| J                                              | N:493,349.24' E:578,926.52' |
| K                                              | N:493,342.81' E:576,281.80' |
| L                                              | N:495,996.98' E:576,288.44' |
| M                                              | N:496,017.38' E:581,551.70' |

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Phone: (505) 476-3441

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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**

Form APD Conditions

Permit 402239

## PERMIT CONDITIONS OF APPROVAL

|                                                                                                            |                                |
|------------------------------------------------------------------------------------------------------------|--------------------------------|
| Operator Name and Address:<br>MARATHON OIL PERMIAN LLC [372098]<br>600 W Illinois Ave<br>Midland, TX 79701 | API Number:<br>30-015-57451    |
|                                                                                                            | Well:<br>MAGELLAN WC FEE #701H |

| OCD Reviewer     | Condition                                                                                                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| jeffrey.harrison | No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.                                                                                                      |
| jeffrey.harrison | All logs run on the well must be submitted to NMOCD.                                                                                                                                                                                                                  |
| jeffrey.harrison | This well is within the radius of the Carlsbad Brine Well. Operator shall provide written notice to OCD at least 14 days prior to the start of any drilling or completion activities. The notice shall be filed with OCD.Engineer@state.nm.us.                        |
| jeffrey.harrison | Vertical portions of wells may not advance within 1/4-mile of the backfilled void.                                                                                                                                                                                    |
| jeffrey.harrison | Lateral portions of wells occurring within 1-mile of the backfilled void may not occur at depths less than 5,000 feet.                                                                                                                                                |
| jeffrey.harrison | Completion activities (hydraulic fracturing) within 1-mile of the backfilled void may not occur simultaneously. OCD may require the completion schedule to be modified if multiple completions are planned to occur simultaneously.                                   |
| jeffrey.harrison | Cement is required to circulate on both surface and intermediate strings of casing.                                                                                                                                                                                   |
| jeffrey.harrison | If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.                                                                                                                                                            |
| jeffrey.harrison | A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud.                                                                                                                                                                                                |
| jeffrey.harrison | Notify the OCD 24 hours prior to casing & cement.                                                                                                                                                                                                                     |
| jeffrey.harrison | File As Drilled C-102 and a directional Survey with C-104 completion packet.                                                                                                                                                                                          |
| jeffrey.harrison | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string. |
| jeffrey.harrison | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.                  |



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

**1. HYDROGEN SULFIDE TRAINING**

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

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

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

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

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

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

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

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

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

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

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

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

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

**COG OPERATING LLC**

**1-575-748-6940**

## **EMERGENCY CALL LIST**

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

## **EMERGENCY RESPONSE NUMBERS**

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

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

Submit Electronically  
Via E-permitting

## NATURAL GAS MANAGEMENT PLAN

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

### **Section 1 – Plan Description** **Effective May 25, 2021**

**I. Operator:** Marathon Oil Permian LLC

**OGRID:** 372098

**Date:** 11/03/2025

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

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

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

| Well Name            | API     | ULSTR        | Footages           | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|----------------------|---------|--------------|--------------------|-----------------------|-----------------------|----------------------------------|
| Magellan BS Fee 501H | 30-015- | M-29-22S-27E | 1008 FSL & 327 FWL | ± 1093                | ± 2400                | ± 1100                           |
| Magellan WC Fee 701H | 30-015- | M-29-22S-27E | 988 FSL & 327 FWL  | ± 1197                | ± 2500                | ± 6943                           |
| Magellan WC Fee 702H | 30-015- | M-29-22S-27E | 1028 FSL & 327 FWL | ± 1197                | ± 2500                | ± 6943                           |

**IV. Central Delivery Point Name:** CTB 1007' FSL & 1036' FWL 29-22S-27E [See 19.15.27.9(D)(1) NMAC]

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

| Well Name        | API     | Spud Date    | TD Reached Date     | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|------------------|---------|--------------|---------------------|------------------------------|------------------------|-----------------------|
| Magellan Fee     | Pending | ± 01/28/2026 | ± 25 days from spud | TBD                          | TBD                    | TBD                   |
| 501H, 701H, 702H |         |              |                     |                              |                        |                       |

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

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

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

## **Section 2 – Enhanced Plan**

### **EFFECTIVE APRIL 1, 2022**

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

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

#### **IX. Anticipated Natural Gas Production:**

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

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

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

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

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

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

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

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

### **Section 3 - Certifications**

**Effective May 25, 2021**

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

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

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

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

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

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

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

### **Section 4 - Notices**

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

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

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

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

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

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| Signature: <i>Stan Wagner</i>                                                                    |
| Printed Name: Stan Wagner                                                                        |
| Title: Regulatory Advisor                                                                        |
| E-mail Address: stan.s.wagner@conocophillips.com                                                 |
| Date: 11/03/2025                                                                                 |
| Phone: 432-253-9685                                                                              |
| <b>OIL CONSERVATION DIVISION</b><br><b>(Only applicable when submitted as a standalone form)</b> |
| Approved By:                                                                                     |
| Title:                                                                                           |
| Approval Date:                                                                                   |
| Conditions of Approval:                                                                          |

## VI. Separation Equipment

How Operator will size separation equipment to optimize gas capture:

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

## VII. Operational Practices

Actions Operator will take to comply with the requirements below:

### B. Drilling Operations

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

### C. Completion Operations

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

### D. Venting and flaring during production operations

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

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

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

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

F. Measurement of vented and flared natural gas.

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

**VIII. Best Management Practices**

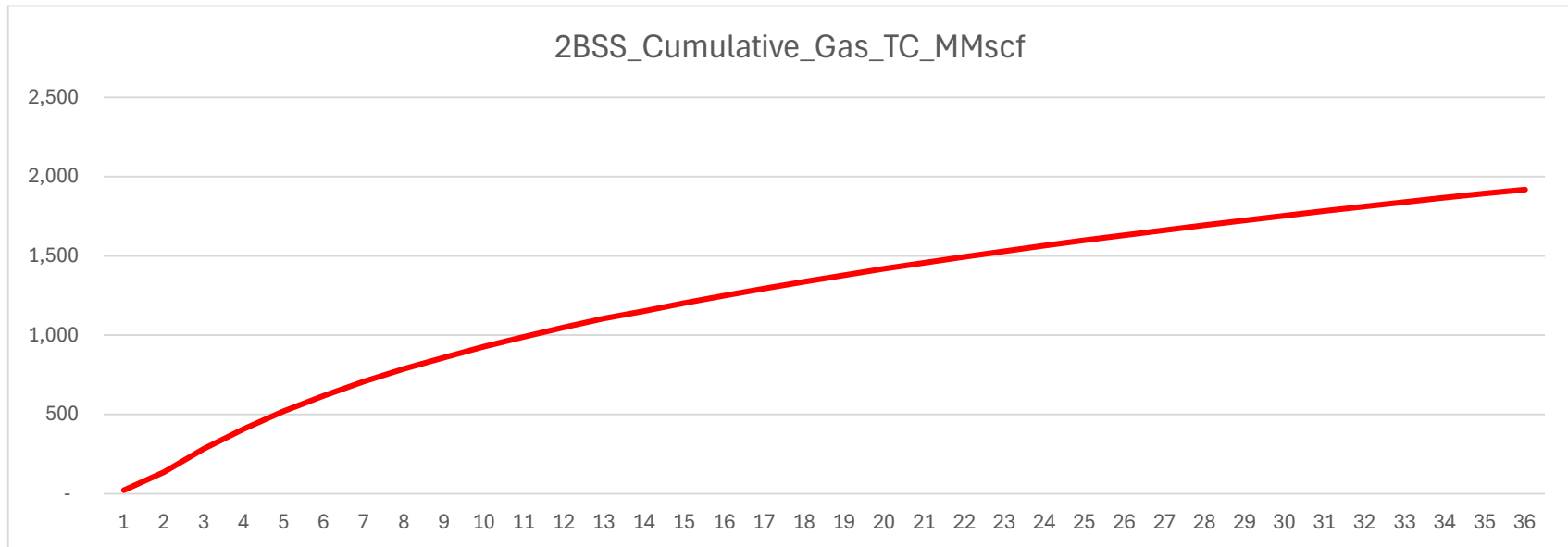
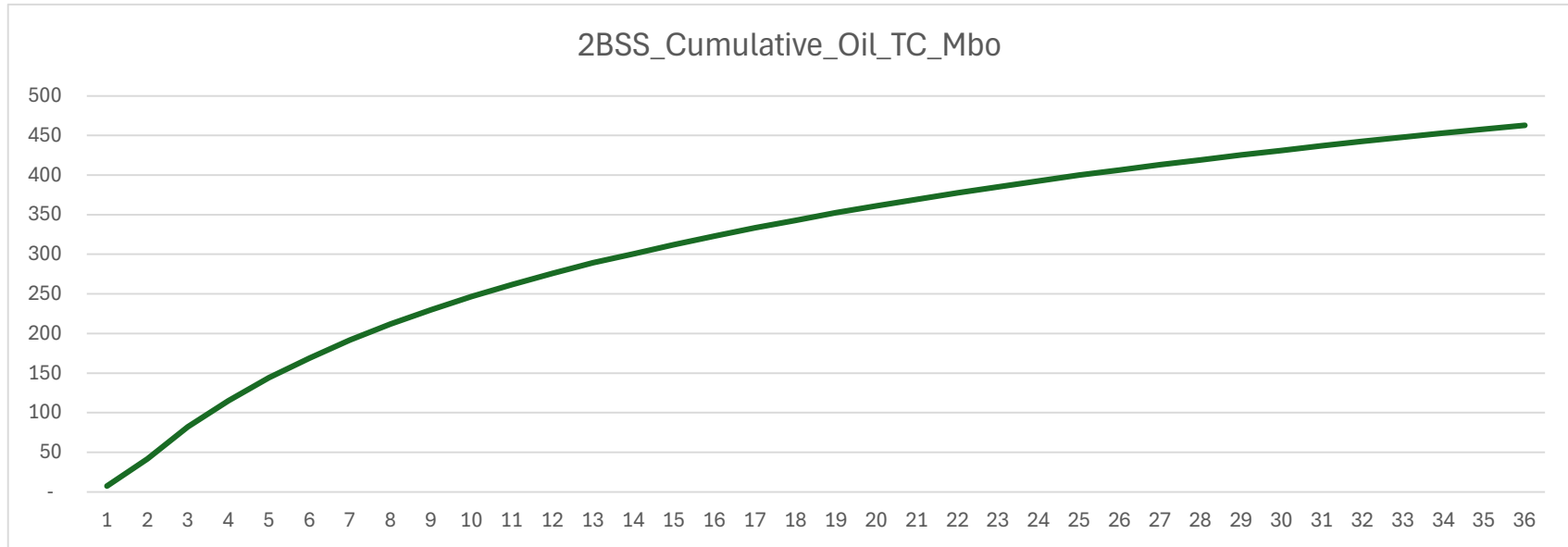
- Operator will curtail or shut in production, within reasonable limits, during upset conditions to minimize venting and flaring.
- When feasible, Operator will use equipment to capture gas that would otherwise be vented or flared.
- During completions and production operations Operator will minimize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

# Waste Minimization Plan

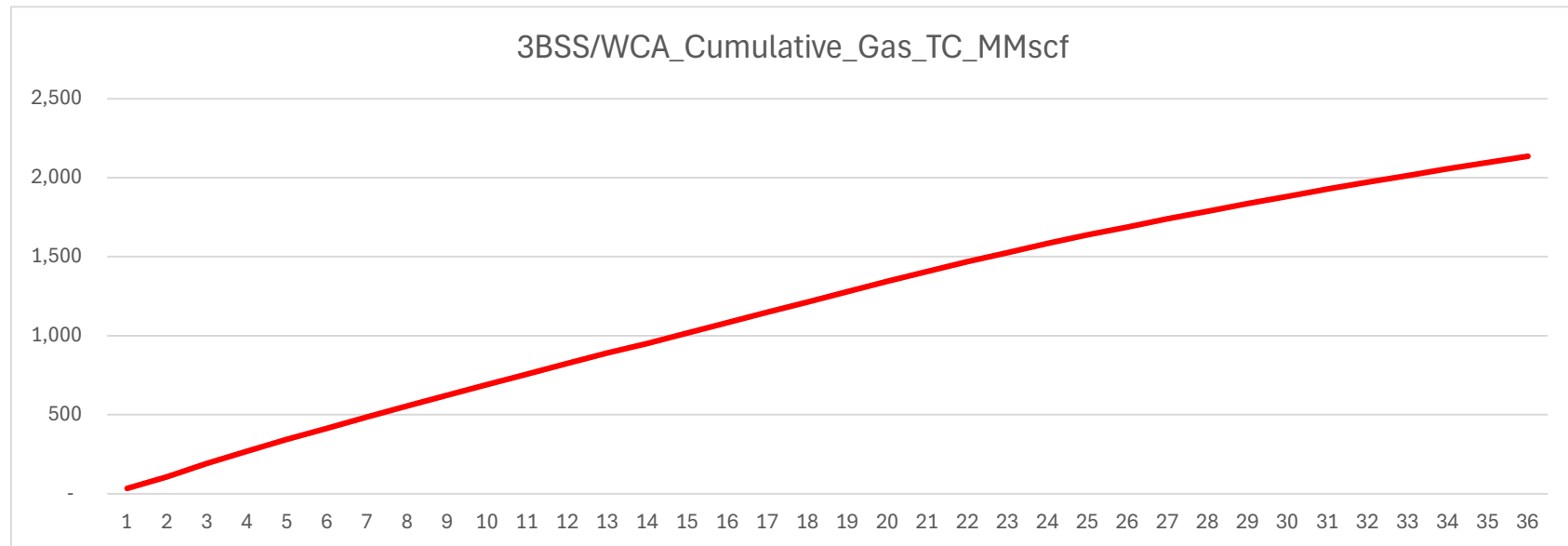
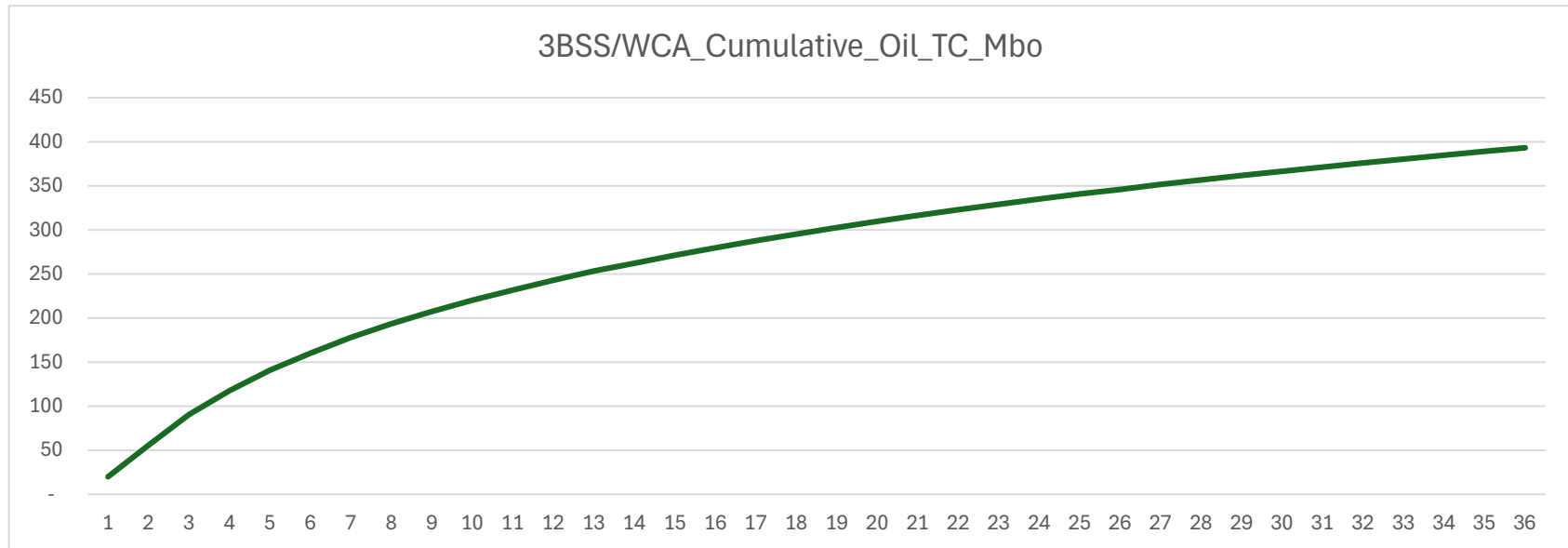
## Per § 3162.3-1 Drilling applications and plans. Part J:

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

## Anticipated Production Decline Curve



## Anticipated Production Decline Curve



## Magellan WC FEE 701H

### Casing and Cement

| <u>String</u> | <u>Hole Size</u> | <u>Csg OD</u> | <u>PPF</u> | <u>Depth</u> | <u>Sx Cement</u> | <u>TOC</u> |
|---------------|------------------|---------------|------------|--------------|------------------|------------|
| Surface       | 12.25"           | 9.625"        | 40#        | 1850'        | 550              | 0'         |
| Intermediate  | 8.75"            | 7-5/8"        | 29.7#      | 8,400'       | 1300             | 0          |
| Production    | 6.75"            | 5.5"          | 23#        | 18,850'      | 950              | 6,500'     |

### Well Plan

Drill 12-1/4" hole to ~1850' w/ fresh water spud mud. Run 9-5/8" 40# L80 BTC casing to TD and cement to surface in one stage.

Drill 8-3/4" hole to ~8,400' with cut brine WBM. Run 7-5/8" 29.7# P110 W513 casing to TD and cement to surface in one stage.

Drill 6-3/4" vertical hole, curve & lateral to 18,850' with OBM. Run 5-1/2" 23# P110 BTC/W441 casing from 0' – TD and cement to 6,500' in one stage.

### Well Control

| <u>Type</u> | <u>Working Pressure</u> | <u>Test Pressure</u> | <u>Manufacture</u> |
|-------------|-------------------------|----------------------|--------------------|
| Double Ram  | 5000 psi                | 3000 psi             | StreamFlo          |

# **DELAWARE BASIN WEST**

**EDDY COUNTY \_DBW\_NM\_E**

**MAGELLAN PROJECT**

**MAGELLAN WC FEE 701H**

**OWB**

**PWP1**

## **Anticollision Report**

**16 October, 2025**

## ConocoPhillips

### Anticollision Report

|                           |                      |                                     |                           |
|---------------------------|----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST  | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY_DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT     | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft             | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H | <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>  | PWP1                 | <b>Offset TVD Reference:</b>        | Offset Datum              |

| Reference                    | PWP1                                                                |                |                       |
|------------------------------|---------------------------------------------------------------------|----------------|-----------------------|
| Filter type:                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                |                       |
| Interpolation Method:        | MD + Stations Interval 100.0usft                                    | Error Model:   | ISCWSA                |
| Depth Range:                 | Unlimited                                                           | Scan Method:   | Closest Approach 3D   |
| Results Limited by:          | Maximum centre distance of 1,000.0usft                              | Error Surface: | Combined Pedal Curve  |
| Warning Levels Evaluated at: | 2.79 Sigma                                                          | Casing Method: | Added to Error Values |

| Survey Tool Program |              | Date              | 10/16/2025            |                                    |  |
|---------------------|--------------|-------------------|-----------------------|------------------------------------|--|
| From<br>(usft)      | To<br>(usft) | Survey (Wellbore) | Tool Name             | Description                        |  |
| 0.0                 | 2,000.0      | PWP1 (OWB)        | r.5 MWD+IFR1+SAG+FDIR | OWSG MWD + IFR1 + SAG + FDIR Corr. |  |
| 2,000.0             | 8,503.5      | PWP1 (OWB)        | r.5 MWD+IFR1          | OWSG MWD + IFR1 rev.5              |  |
| 8,503.5             | 18,849.4     | PWP1 (OWB)        | r.5 MWD+IFR1+SAG+FDIR | OWSG MWD + IFR1 + SAG + FDIR Corr. |  |

| Summary                              |           |          |          |          |            |                                       |
|--------------------------------------|-----------|----------|----------|----------|------------|---------------------------------------|
|                                      | Reference | Offset   | Distance |          |            |                                       |
| Site Name                            | Measured  | Measured | Between  | Between  | Separation | Warning                               |
| Offset Well - Wellbore - Design      | Depth     | Depth    | Centres  | Ellipses | Factor     |                                       |
|                                      | (usft)    | (usft)   | (usft)   | (usft)   |            |                                       |
| MAGELLAN PROJECT                     |           |          |          |          |            |                                       |
| CALVANI 001_PA - OWB - AWP           | 11,440.3  | 8,917.8  | 320.2    | 0.6      | 1.002      | Take Immediate Action, CC, ES, SF     |
| HOWARD HEMLER COM 001_PA - OWB - AWP | 1,230.7   | 1,218.9  | 906.2    | 861.6    | 20.347     | CC                                    |
| HOWARD HEMLER COM 001_PA - OWB - AWP | 2,100.0   | 2,069.4  | 908.1    | 833.0    | 12.091     | ES                                    |
| HOWARD HEMLER COM 001_PA - OWB - AWP | 2,700.0   | 2,664.0  | 984.5    | 888.0    | 10.195     | SF                                    |
| MAGELLAN BS FEE 501H - OWB - PWP1    | 2,000.0   | 2,000.0  | 20.0     | 8.5      | 1.744      | Caution - Monitor Closely, CC, ES, SF |
| MAGELLAN WC FEE 702H - OWB - PWP1    | 2,000.0   | 2,000.0  | 40.0     | 28.5     | 3.487      | CC, ES, SF                            |
| SKEEN 001_PA - OWB - AWP             | 15,406.4  | 8,901.8  | 957.9    | 625.1    | 2.879      | Normal Operations, CC, ES, SF         |
| SKEEN 002_PA - OWB - AWP             | 17,752.1  | 8,896.8  | 216.1    | -129.7   | 0.625      | STOP Drilling, CC, ES, SF             |

| Offset Design: MAGELLAN PROJECT - CALVANI 001_PA - OWB - AWP |                       |                       |                       |                  |               |                       |              |              |                                 |                                  |                       |                   | Offset Site Error: 0.0 usft       |  |
|--------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|--------------|--------------|---------------------------------|----------------------------------|-----------------------|-------------------|-----------------------------------|--|
| Survey Program: 200-r.5 INC-ONLY                             |                       |                       |                       |                  |               |                       |              |              | Rule Assigned:                  |                                  |                       |                   | Offset Well Error: 0.0 usft       |  |
| Measured Depth (usft)                                        | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor | Warning                           |  |
| 10,500.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 23.6             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 993.3                           | 676.4                            | 316.92                | 3.134             |                                   |  |
| 10,600.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 24.5             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 899.2                           | 582.3                            | 316.96                | 2.837             | Normal Operations                 |  |
| 10,700.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 25.5             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 806.6                           | 489.6                            | 317.02                | 2.544             | Normal Operations                 |  |
| 10,800.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 26.4             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 715.9                           | 398.8                            | 317.12                | 2.258             | Caution - Monitor Closely         |  |
| 10,900.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 27.4             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 628.1                           | 310.8                            | 317.25                | 1.980             | Caution - Monitor Closely         |  |
| 11,000.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 28.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 544.4                           | 227.0                            | 317.46                | 1.715             | Caution - Monitor Closely         |  |
| 11,100.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 29.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 467.3                           | 149.5                            | 317.78                | 1.470             | Take Immediate Action             |  |
| 11,200.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 30.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 400.3                           | 82.1                             | 318.26                | 1.258             | Take Immediate Action             |  |
| 11,300.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 31.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 349.6                           | 30.7                             | 318.90                | 1.096             | Take Immediate Action             |  |
| 11,400.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 32.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 322.7                           | 3.2                              | 319.48                | 1.010             | Take Immediate Action             |  |
| 11,440.3                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 32.7             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 320.2                           | 0.6                              | 319.62                | 1.002             | Take Immediate Action, CC, ES, SF |  |
| 11,500.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 33.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 325.7                           | 6.0                              | 319.67                | 1.019             | Take Immediate Action             |  |
| 11,600.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 34.3             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 357.8                           | 38.4                             | 319.40                | 1.120             | Take Immediate Action             |  |
| 11,700.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 35.4             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 412.3                           | 93.3                             | 318.94                | 1.293             | Take Immediate Action             |  |
| 11,800.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 36.4             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 481.6                           | 163.0                            | 318.51                | 1.512             | Caution - Monitor Closely         |  |
| 11,900.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 37.4             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 560.2                           | 242.0                            | 318.19                | 1.761             | Caution - Monitor Closely         |  |
| 12,000.0                                                     | 8,964.0               | 8,917.8               | 8,916.0               | 38.5             | 226.4         | 90.00                 | -552.1       | 2,659.0      | 644.8                           | 326.9                            | 317.95                | 2.028             | Caution - Monitor Closely         |  |

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

ConocoPhillips  
Anticollision Report

|                    |                       |                              |                           |
|--------------------|-----------------------|------------------------------|---------------------------|
| Company:           | DELAWARE BASIN WEST   | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Project:           | EDDY COUNTY _DBW_NM_E | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Reference Site:    | MAGELLAN PROJECT      | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site Error:        | 0.0 usft              | North Reference:             | Grid                      |
| Reference Well:    | MAGELLAN WC FEE 701H  | 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:  | PWP1                  | Offset TVD Reference:        | Offset Datum              |

|                                                              |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                           |          |
|--------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|---------------------------|----------|
| Offset Design: MAGELLAN PROJECT - CALVANI 001_PA - OWB - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Site Error:        | 0.0 usft |
| Survey Program: 200-r.5 INC-ONLY                             |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Well Error:        | 0.0 usft |
| Reference                                                    |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned:              |                      |                           |          |
| Measured<br>Depth<br>(usft)                                  | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | No-Go<br>Distance<br>(usft) | Separation<br>Factor | Warning                   |          |
| 12,100.0                                                     | 8,964.0                     | 8,917.8                     | 8,916.0                     | 39.5                | 226.4            | 90.00                       | -552.1                 | 2,659.0         | 733.3                        | 415.5                         | 317.77                      | 2.308                | Caution - Monitor Closely |          |
| 12,200.0                                                     | 8,964.0                     | 8,917.8                     | 8,916.0                     | 40.6                | 226.4            | 90.00                       | -552.1                 | 2,659.0         | 824.4                        | 506.8                         | 317.64                      | 2.595                | Normal Operations         |          |
| 12,300.0                                                     | 8,964.0                     | 8,917.8                     | 8,916.0                     | 41.6                | 226.4            | 90.00                       | -552.1                 | 2,659.0         | 917.4                        | 599.8                         | 317.55                      | 2.889                | Normal Operations         |          |

## ConocoPhillips

## Anticollision Report

|                           |                      |                                     |                           |
|---------------------------|----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST  | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY_DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT     | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft             | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H | <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>  | PWP1                 | <b>Offset TVD Reference:</b>        | Offset Datum              |

|                                                                               |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          |                                    |
|-------------------------------------------------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------|----------------------|------------------------------|-------------------------------|---------------------|-------------------------------|--------------------------------|------------------------------|--------------------------|------------------------------------|
| <b>Offset Design:</b> MAGELLAN PROJECT - HOWARD HEMLER COM 001_PA - OWB - AWP |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          | <b>Offset Site Error:</b> 0.0 usft |
| <b>Survey Program:</b> 200-r.5 INC-ONLY                                       |                              |                              |                              |                         |                      |                              |                               |                     |                               |                                |                              |                          | <b>Offset Well Error:</b> 0.0 usft |
| <b>Reference</b>                                                              |                              | <b>Offset</b>                |                              | <b>Semi Major Axis</b>  |                      |                              | <b>Offset Wellbore Centre</b> |                     | <b>Distance</b>               |                                |                              | <b>Separation Factor</b> | <b>Warning</b>                     |
| <b>Measured Depth (usft)</b>                                                  | <b>Vertical Depth (usft)</b> | <b>Measured Depth (usft)</b> | <b>Vertical Depth (usft)</b> | <b>Reference (usft)</b> | <b>Offset (usft)</b> | <b>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> |                          |                                    |
| 0.0                                                                           | 0.0                          | 0.0                          | 0.0                          | 0.0                     | 0.0                  | -1.03                        | 906.2                         | -16.3               | 906.9                         |                                |                              |                          |                                    |
| 100.0                                                                         | 100.0                        | 69.0                         | 69.0                         | 0.8                     | 2.2                  | -1.03                        | 906.2                         | -16.3               | 906.3                         | 902.5                          | 3.80                         | 238.691                  |                                    |
| 200.0                                                                         | 200.0                        | 169.0                        | 169.0                        | 1.4                     | 5.5                  | -1.03                        | 906.2                         | -16.3               | 906.3                         | 898.0                          | 8.38                         | 108.139                  |                                    |
| 300.0                                                                         | 300.0                        | 269.0                        | 269.0                        | 1.9                     | 7.9                  | -1.03                        | 906.2                         | -16.3               | 906.3                         | 894.5                          | 11.85                        | 76.472                   |                                    |
| 400.0                                                                         | 400.0                        | 382.1                        | 382.0                        | 2.2                     | 10.3                 | -1.03                        | 906.5                         | -16.3               | 906.7                         | 891.5                          | 15.20                        | 59.667                   |                                    |
| 430.7                                                                         | 430.7                        | 418.6                        | 418.5                        | 2.3                     | 11.1                 | -1.03                        | 905.8                         | -16.3               | 906.2                         | 889.9                          | 16.27                        | 55.695                   |                                    |
| 500.0                                                                         | 500.0                        | 469.1                        | 469.0                        | 2.6                     | 12.7                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 887.7                          | 18.60                        | 48.732                   |                                    |
| 600.0                                                                         | 600.0                        | 569.1                        | 569.0                        | 2.8                     | 15.7                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 883.6                          | 22.74                        | 39.864                   |                                    |
| 700.0                                                                         | 700.0                        | 669.1                        | 669.0                        | 3.1                     | 18.0                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 880.3                          | 26.04                        | 34.800                   |                                    |
| 800.0                                                                         | 800.0                        | 782.2                        | 782.0                        | 3.3                     | 20.4                 | -1.03                        | 906.5                         | -16.3               | 906.7                         | 877.4                          | 29.35                        | 30.893                   |                                    |
| 830.5                                                                         | 830.5                        | 818.5                        | 818.3                        | 3.4                     | 21.2                 | -1.03                        | 905.8                         | -16.3               | 906.2                         | 875.8                          | 30.41                        | 29.802                   |                                    |
| 900.0                                                                         | 900.0                        | 869.2                        | 869.0                        | 3.6                     | 22.8                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 873.6                          | 32.74                        | 27.682                   |                                    |
| 1,000.0                                                                       | 1,000.0                      | 969.2                        | 969.0                        | 3.8                     | 25.8                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 869.5                          | 36.88                        | 24.578                   |                                    |
| 1,100.0                                                                       | 1,100.0                      | 1,069.2                      | 1,069.0                      | 4.0                     | 28.2                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 866.2                          | 40.18                        | 22.560                   |                                    |
| 1,200.0                                                                       | 1,200.0                      | 1,182.3                      | 1,182.1                      | 4.2                     | 30.5                 | -1.03                        | 906.5                         | -16.3               | 906.7                         | 863.2                          | 43.47                        | 20.857                   |                                    |
| 1,230.7                                                                       | 1,230.7                      | 1,218.9                      | 1,218.6                      | 4.2                     | 31.3                 | -1.03                        | 905.8                         | -16.3               | 906.2                         | 861.6                          | 44.54                        | 20.347 CC                |                                    |
| 1,300.0                                                                       | 1,300.0                      | 1,269.2                      | 1,269.0                      | 4.4                     | 32.9                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 859.5                          | 46.86                        | 19.340                   |                                    |
| 1,400.0                                                                       | 1,400.0                      | 1,369.2                      | 1,369.0                      | 4.6                     | 35.9                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 855.3                          | 51.00                        | 17.772                   |                                    |
| 1,500.0                                                                       | 1,500.0                      | 1,469.3                      | 1,469.0                      | 4.7                     | 38.3                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 852.1                          | 54.29                        | 16.693                   |                                    |
| 1,600.0                                                                       | 1,600.0                      | 1,582.4                      | 1,582.1                      | 4.9                     | 40.6                 | -1.03                        | 906.5                         | -16.3               | 906.7                         | 849.1                          | 57.59                        | 15.745                   |                                    |
| 1,630.7                                                                       | 1,630.7                      | 1,618.9                      | 1,618.5                      | 5.0                     | 41.4                 | -1.03                        | 905.8                         | -16.3               | 906.2                         | 847.5                          | 58.65                        | 15.452                   |                                    |
| 1,700.0                                                                       | 1,700.0                      | 1,669.3                      | 1,669.0                      | 5.1                     | 43.0                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 845.4                          | 60.98                        | 14.863                   |                                    |
| 1,800.0                                                                       | 1,800.0                      | 1,769.3                      | 1,769.0                      | 5.2                     | 46.0                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 841.2                          | 65.11                        | 13.919                   |                                    |
| 1,900.0                                                                       | 1,900.0                      | 1,869.4                      | 1,869.0                      | 5.4                     | 48.4                 | -1.03                        | 906.2                         | -16.3               | 906.3                         | 837.9                          | 68.41                        | 13.249                   |                                    |
| 2,000.0                                                                       | 2,000.0                      | 1,982.5                      | 1,982.1                      | 5.6                     | 50.7                 | -1.03                        | 906.5                         | -16.3               | 906.7                         | 835.0                          | 71.70                        | 12.646                   |                                    |
| 2,030.4                                                                       | 2,030.4                      | 2,018.7                      | 2,018.2                      | 5.6                     | 51.5                 | 177.54                       | 905.8                         | -16.3               | 906.3                         | 833.6                          | 72.75                        | 12.458                   |                                    |
| 2,100.0                                                                       | 2,100.0                      | 2,069.4                      | 2,069.0                      | 5.8                     | 53.2                 | 177.54                       | 906.2                         | -16.3               | 908.1                         | 833.0                          | 75.10                        | 12.091 ES                |                                    |
| 2,200.0                                                                       | 2,199.8                      | 2,169.2                      | 2,168.8                      | 6.0                     | 56.1                 | 177.55                       | 906.2                         | -16.3               | 913.3                         | 834.1                          | 79.24                        | 11.525                   |                                    |
| 2,300.0                                                                       | 2,299.5                      | 2,268.9                      | 2,268.5                      | 6.3                     | 58.5                 | 177.57                       | 906.2                         | -16.3               | 922.0                         | 839.5                          | 82.54                        | 11.171                   |                                    |
| 2,400.0                                                                       | 2,398.7                      | 2,381.5                      | 2,381.0                      | 6.5                     | 60.8                 | 177.59                       | 906.5                         | -16.3               | 934.6                         | 848.8                          | 85.83                        | 10.889                   |                                    |
| 2,500.1                                                                       | 2,497.5                      | 2,467.0                      | 2,466.5                      | 6.8                     | 63.2                 | 177.61                       | 906.2                         | -16.3               | 949.8                         | 860.7                          | 89.18                        | 10.651                   |                                    |
| 2,600.0                                                                       | 2,595.9                      | 2,565.4                      | 2,564.9                      | 7.0                     | 66.1                 | 177.66                       | 906.2                         | -16.3               | 967.2                         | 873.9                          | 93.26                        | 10.371                   |                                    |
| 2,700.0                                                                       | 2,694.4                      | 2,664.0                      | 2,663.4                      | 7.3                     | 68.5                 | 177.70                       | 906.2                         | -16.3               | 984.5                         | 888.0                          | 96.57                        | 10.195 SF                |                                    |

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

ConocoPhillips

Anticollision Report

|                    |                      |                              |                           |
|--------------------|----------------------|------------------------------|---------------------------|
| Company:           | DELAWARE BASIN WEST  | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Project:           | EDDY COUNTY_DBW_NM_E | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Reference Site:    | MAGELLAN PROJECT     | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site Error:        | 0.0 usft             | North Reference:             | Grid                      |
| Reference Well:    | MAGELLAN WC FEE 701H | 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:  | PWP1                 | Offset TVD Reference:        | Offset Datum              |

| Offset Design: MAGELLAN PROJECT - MAGELLAN BS FEE 501H - OWB - PWP1 |                       |                                                                        |                       |                  |               |                        |              |              |                         |                         |                       |                             | Offset Site Error: 0.0 usft           |  |
|---------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|-------------------------|-------------------------|-----------------------|-----------------------------|---------------------------------------|--|
| Survey Program:                                                     |                       | 0-r.5 MWD+IFR1+SAG+FDIR, 2000-r.5 MWD+IFR1, 7409-r.5 MWD+IFR1+SAG+FDIR |                       |                  |               |                        |              |              |                         |                         |                       | Offset Well Error: 0.0 usft |                                       |  |
| Reference                                                           |                       | Offset                                                                 |                       | Semi Major Axis  |               | Offset Wellbore Centre |              |              | Rule Assigned: Distance |                         |                       | Warning                     |                                       |  |
| Measured Depth (usft)                                               | Vertical Depth (usft) | Measured Depth (usft)                                                  | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft)  | Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor           |                                       |  |
| 0.0                                                                 | 0.0                   | 0.0                                                                    | 0.0                   | 0.0              | 0.0           | 0.17                   | 20.0         | 0.1          | 20.0                    |                         |                       |                             |                                       |  |
| 100.0                                                               | 100.0                 | 100.0                                                                  | 100.0                 | 0.8              | 0.8           | 0.17                   | 20.0         | 0.1          | 20.0                    | 18.0                    | 2.02                  | 9.889                       |                                       |  |
| 200.0                                                               | 200.0                 | 200.0                                                                  | 200.0                 | 1.4              | 1.4           | 0.17                   | 20.0         | 0.1          | 20.0                    | 16.7                    | 3.34                  | 5.983                       |                                       |  |
| 300.0                                                               | 300.0                 | 300.0                                                                  | 300.0                 | 1.9              | 1.9           | 0.17                   | 20.0         | 0.1          | 20.0                    | 15.8                    | 4.23                  | 4.732                       |                                       |  |
| 400.0                                                               | 400.0                 | 400.0                                                                  | 400.0                 | 2.2              | 2.2           | 0.17                   | 20.0         | 0.1          | 20.0                    | 15.1                    | 4.94                  | 4.046                       |                                       |  |
| 500.0                                                               | 500.0                 | 500.0                                                                  | 500.0                 | 2.6              | 2.6           | 0.17                   | 20.0         | 0.1          | 20.0                    | 14.4                    | 5.56                  | 3.594                       |                                       |  |
| 600.0                                                               | 600.0                 | 600.0                                                                  | 600.0                 | 2.8              | 2.8           | 0.17                   | 20.0         | 0.1          | 20.0                    | 13.9                    | 6.12                  | 3.267                       |                                       |  |
| 700.0                                                               | 700.0                 | 700.0                                                                  | 700.0                 | 3.1              | 3.1           | 0.17                   | 20.0         | 0.1          | 20.0                    | 13.4                    | 6.63                  | 3.015                       |                                       |  |
| 800.0                                                               | 800.0                 | 800.0                                                                  | 800.0                 | 3.3              | 3.3           | 0.17                   | 20.0         | 0.1          | 20.0                    | 12.9                    | 7.11                  | 2.814                       | Normal Operations                     |  |
| 900.0                                                               | 900.0                 | 900.0                                                                  | 900.0                 | 3.6              | 3.6           | 0.17                   | 20.0         | 0.1          | 20.0                    | 12.4                    | 7.55                  | 2.647                       | Normal Operations                     |  |
| 1,000.0                                                             | 1,000.0               | 1,000.0                                                                | 1,000.0               | 3.8              | 3.8           | 0.17                   | 20.0         | 0.1          | 20.0                    | 12.0                    | 7.98                  | 2.507                       | Normal Operations                     |  |
| 1,100.0                                                             | 1,100.0               | 1,100.0                                                                | 1,100.0               | 4.0              | 4.0           | 0.17                   | 20.0         | 0.1          | 20.0                    | 11.6                    | 8.38                  | 2.386                       | Caution - Monitor Closely             |  |
| 1,200.0                                                             | 1,200.0               | 1,200.0                                                                | 1,200.0               | 4.2              | 4.2           | 0.17                   | 20.0         | 0.1          | 20.0                    | 11.2                    | 8.77                  | 2.280                       | Caution - Monitor Closely             |  |
| 1,300.0                                                             | 1,300.0               | 1,300.0                                                                | 1,300.0               | 4.4              | 4.4           | 0.17                   | 20.0         | 0.1          | 20.0                    | 10.9                    | 9.14                  | 2.187                       | Caution - Monitor Closely             |  |
| 1,400.0                                                             | 1,400.0               | 1,400.0                                                                | 1,400.0               | 4.6              | 4.6           | 0.17                   | 20.0         | 0.1          | 20.0                    | 10.5                    | 9.50                  | 2.104                       | Caution - Monitor Closely             |  |
| 1,500.0                                                             | 1,500.0               | 1,500.0                                                                | 1,500.0               | 4.7              | 4.7           | 0.17                   | 20.0         | 0.1          | 20.0                    | 10.1                    | 9.85                  | 2.030                       | Caution - Monitor Closely             |  |
| 1,600.0                                                             | 1,600.0               | 1,600.0                                                                | 1,600.0               | 4.9              | 4.9           | 0.17                   | 20.0         | 0.1          | 20.0                    | 9.8                     | 10.19                 | 1.962                       | Caution - Monitor Closely             |  |
| 1,700.0                                                             | 1,700.0               | 1,700.0                                                                | 1,700.0               | 5.1              | 5.1           | 0.17                   | 20.0         | 0.1          | 20.0                    | 9.5                     | 10.52                 | 1.900                       | Caution - Monitor Closely             |  |
| 1,800.0                                                             | 1,800.0               | 1,800.0                                                                | 1,800.0               | 5.2              | 5.2           | 0.17                   | 20.0         | 0.1          | 20.0                    | 9.2                     | 10.85                 | 1.844                       | Caution - Monitor Closely             |  |
| 1,900.0                                                             | 1,900.0               | 1,900.0                                                                | 1,900.0               | 5.4              | 5.4           | 0.17                   | 20.0         | 0.1          | 20.0                    | 8.8                     | 11.16                 | 1.792                       | Caution - Monitor Closely             |  |
| 2,000.0                                                             | 2,000.0               | 2,000.0                                                                | 2,000.0               | 5.6              | 5.6           | 0.17                   | 20.0         | 0.1          | 20.0                    | 8.5                     | 11.47                 | 1.744                       | Caution - Monitor Closely, CC, ES, SF |  |
| 2,100.0                                                             | 2,100.0               | 2,099.7                                                                | 2,099.7               | 5.8              | 5.7           | 175.98                 | 20.7         | -1.1         | 22.4                    | 10.6                    | 11.85                 | 1.894                       | Caution - Monitor Closely             |  |
| 2,200.0                                                             | 2,199.8               | 2,198.9                                                                | 2,198.9               | 6.0              | 5.9           | 170.45                 | 22.7         | -4.4         | 30.0                    | 17.7                    | 12.21                 | 2.453                       | Caution - Monitor Closely             |  |
| 2,300.0                                                             | 2,299.5               | 2,297.4                                                                | 2,297.1               | 6.3              | 6.1           | 165.60                 | 26.0         | -9.9         | 42.8                    | 30.2                    | 12.59                 | 3.396                       |                                       |  |
| 2,400.0                                                             | 2,398.7               | 2,394.8                                                                | 2,394.1               | 6.5              | 6.3           | 162.24                 | 30.5         | -17.4        | 60.9                    | 47.9                    | 13.00                 | 4.685                       |                                       |  |
| 2,500.1                                                             | 2,497.5               | 2,490.7                                                                | 2,489.4               | 6.8              | 6.5           | 160.00                 | 36.2         | -26.9        | 84.2                    | 70.8                    | 13.42                 | 6.275                       |                                       |  |
| 2,600.0                                                             | 2,595.9               | 2,586.3                                                                | 2,584.0               | 7.0              | 6.7           | 158.45                 | 42.9         | -38.1        | 110.7                   | 97.0                    | 13.75                 | 8.051                       |                                       |  |
| 2,700.0                                                             | 2,694.4               | 2,682.6                                                                | 2,679.4               | 7.3              | 6.9           | 157.43                 | 49.8         | -49.6        | 137.5                   | 123.3                   | 14.17                 | 9.705                       |                                       |  |
| 2,800.0                                                             | 2,792.9               | 2,778.9                                                                | 2,774.8               | 7.6              | 7.2           | 156.74                 | 56.7         | -61.1        | 164.3                   | 149.6                   | 14.62                 | 11.239                      |                                       |  |
| 2,900.0                                                             | 2,891.4               | 2,875.3                                                                | 2,870.2               | 7.8              | 7.4           | 156.24                 | 63.6         | -72.6        | 191.1                   | 176.0                   | 15.09                 | 12.661                      |                                       |  |
| 3,000.0                                                             | 2,989.9               | 2,971.6                                                                | 2,965.6               | 8.1              | 7.7           | 155.87                 | 70.5         | -84.1        | 217.9                   | 202.3                   | 15.59                 | 13.976                      |                                       |  |
| 3,100.0                                                             | 3,088.3               | 3,067.9                                                                | 3,061.0               | 8.5              | 8.0           | 155.57                 | 77.5         | -95.6        | 244.7                   | 228.6                   | 16.11                 | 15.189                      |                                       |  |
| 3,118.9                                                             | 3,106.9               | 3,086.1                                                                | 3,079.0               | 8.5              | 8.1           | 155.52                 | 78.8         | -97.7        | 249.8                   | 233.6                   | 16.20                 | 15.420                      |                                       |  |
| 3,200.0                                                             | 3,186.9               | 3,164.4                                                                | 3,156.5               | 8.8              | 8.3           | 155.38                 | 84.4         | -107.1       | 271.0                   | 254.4                   | 16.63                 | 16.298                      |                                       |  |
| 3,300.0                                                             | 3,285.8               | 3,261.2                                                                | 3,252.4               | 9.1              | 8.6           | 155.10                 | 91.3         | -118.6       | 295.8                   | 278.7                   | 17.18                 | 17.221                      |                                       |  |
| 3,400.0                                                             | 3,384.9               | 3,358.4                                                                | 3,348.7               | 9.4              | 9.0           | 154.75                 | 98.3         | -130.2       | 319.2                   | 301.4                   | 17.74                 | 17.991                      |                                       |  |
| 3,500.0                                                             | 3,484.2               | 3,456.0                                                                | 3,445.3               | 9.8              | 9.3           | 154.32                 | 105.3        | -141.9       | 340.9                   | 322.6                   | 18.31                 | 18.623                      |                                       |  |
| 3,600.0                                                             | 3,583.7               | 3,553.9                                                                | 3,542.2               | 10.1             | 9.6           | 153.82                 | 112.3        | -153.6       | 361.2                   | 342.3                   | 18.88                 | 19.133                      |                                       |  |
| 3,700.0                                                             | 3,683.4               | 3,652.0                                                                | 3,639.4               | 10.4             | 10.0          | 153.26                 | 119.3        | -165.3       | 380.0                   | 360.6                   | 19.45                 | 19.536                      |                                       |  |
| 3,800.0                                                             | 3,783.2               | 3,750.4                                                                | 3,736.8               | 10.7             | 10.3          | 152.64                 | 126.4        | -177.0       | 397.3                   | 377.3                   | 20.02                 | 19.844                      |                                       |  |
| 3,900.0                                                             | 3,883.0               | 3,849.1                                                                | 3,834.6               | 11.0             | 10.7          | 151.95                 | 133.4        | -188.8       | 413.1                   | 392.6                   | 20.57                 | 20.090                      |                                       |  |
| 4,000.0                                                             | 3,983.0               | 3,954.6                                                                | 3,939.1               | 11.3             | 11.0          | 151.22                 | 140.5        | -200.5       | 426.7                   | 405.6                   | 21.14                 | 20.186                      |                                       |  |
| 4,100.0                                                             | 4,083.0               | 4,060.7                                                                | 4,044.6               | 11.5             | 11.4          | 150.53                 | 146.6        | -210.6       | 437.3                   | 415.6                   | 21.69                 | 20.161                      |                                       |  |
| 4,119.0                                                             | 4,102.0               | 4,081.0                                                                | 4,064.8               | 11.5             | 11.5          | -28.16                 | 147.6        | -212.4       | 439.0                   | 417.2                   | 21.77                 | 20.165                      |                                       |  |
| 4,200.0                                                             | 4,183.0               | 4,167.4                                                                | 4,150.8               | 11.6             | 11.8          | -28.68                 | 151.7        | -219.1       | 445.3                   | 423.2                   | 22.09                 | 20.162                      |                                       |  |
| 4,300.0                                                             | 4,283.0               | 4,274.3                                                                | 4,257.5               | 11.6             | 12.2          | -29.19                 | 155.8        | -225.9       | 451.8                   | 429.3                   | 22.48                 | 20.096                      |                                       |  |
| 4,400.0                                                             | 4,383.0               | 4,381.6                                                                | 4,364.6               | 11.7             | 12.5          | -29.57                 | 158.8        | -231.1       | 456.6                   | 433.8                   | 22.86                 | 19.977                      |                                       |  |
| 4,500.0                                                             | 4,483.0               | 4,489.0                                                                | 4,471.9               | 11.7             | 12.8          | -29.81                 | 160.9        | -234.5       | 459.8                   | 436.6                   | 23.21                 | 19.813                      |                                       |  |
| 4,600.0                                                             | 4,583.0               | 4,596.5                                                                | 4,579.4               | 11.8             | 13.1          | -29.93                 | 161.9        | -236.1       | 461.4                   | 437.9                   | 23.52                 | 19.620                      |                                       |  |
| 4,700.0                                                             | 4,683.0               | 4,700.1                                                                | 4,683.0               | 11.8             | 13.2          | -29.94                 | 162.0        | -236.3       | 461.6                   | 438.0                   | 23.64                 | 19.522                      |                                       |  |
| 4,800.0                                                             | 4,783.0               | 4,800.1                                                                | 4,783.0               | 11.9             | 13.2          | -29.94                 | 162.0        | -236.3       | 461.6                   | 437.8                   | 23.77                 | 19.421                      |                                       |  |

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

# ConocoPhillips

## Anticollision Report

|                           |                      |                                     |                           |
|---------------------------|----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST  | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY_DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT     | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft             | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H | <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>  | PWP1                 | <b>Offset TVD Reference:</b>        | Offset Datum              |

| Offset Design: MAGELLAN PROJECT - MAGELLAN BS FEE 501H - OWB - PWP1                    |                       |                       |                       |                  |               |                             |              |              |                        |                         |                       | Offset Site Error: 0.0 usft |         |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|-----------------------------|---------|
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR, 2000-r.5 MWD+IFR1, 7409-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 |
| 4,900.0                                                                                | 4,883.0               | 4,900.1               | 4,883.0               | 12.0             | 13.3          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.7                   | 23.89                 | 19.321                      |         |
| 5,000.0                                                                                | 4,983.0               | 5,000.1               | 4,983.0               | 12.0             | 13.4          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.6                   | 24.02                 | 19.221                      |         |
| 5,100.0                                                                                | 5,083.0               | 5,100.1               | 5,083.0               | 12.1             | 13.4          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.5                   | 24.14                 | 19.122                      |         |
| 5,200.0                                                                                | 5,183.0               | 5,200.1               | 5,183.0               | 12.1             | 13.5          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.3                   | 24.27                 | 19.023                      |         |
| 5,300.0                                                                                | 5,283.0               | 5,300.1               | 5,283.0               | 12.2             | 13.6          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.2                   | 24.39                 | 18.926                      |         |
| 5,400.0                                                                                | 5,383.0               | 5,400.1               | 5,383.0               | 12.2             | 13.6          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.1                   | 24.52                 | 18.828                      |         |
| 5,500.0                                                                                | 5,483.0               | 5,500.1               | 5,483.0               | 12.3             | 13.7          | -29.94                      | 162.0        | -236.3       | 461.6                  | 437.0                   | 24.64                 | 18.732                      |         |
| 5,600.0                                                                                | 5,583.0               | 5,600.1               | 5,583.0               | 12.3             | 13.8          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.8                   | 24.77                 | 18.636                      |         |
| 5,700.0                                                                                | 5,683.0               | 5,700.1               | 5,683.0               | 12.4             | 13.8          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.7                   | 24.90                 | 18.541                      |         |
| 5,800.0                                                                                | 5,783.0               | 5,800.1               | 5,783.0               | 12.5             | 13.9          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.6                   | 25.02                 | 18.447                      |         |
| 5,900.0                                                                                | 5,883.0               | 5,900.1               | 5,883.0               | 12.5             | 13.9          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.5                   | 25.15                 | 18.353                      |         |
| 6,000.0                                                                                | 5,983.0               | 6,000.1               | 5,983.0               | 12.6             | 14.0          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.3                   | 25.28                 | 18.260                      |         |
| 6,100.0                                                                                | 6,083.0               | 6,100.1               | 6,083.0               | 12.6             | 14.1          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.2                   | 25.41                 | 18.168                      |         |
| 6,200.0                                                                                | 6,183.0               | 6,200.1               | 6,183.0               | 12.7             | 14.1          | -29.94                      | 162.0        | -236.3       | 461.6                  | 436.1                   | 25.54                 | 18.076                      |         |
| 6,300.0                                                                                | 6,283.0               | 6,300.1               | 6,283.0               | 12.7             | 14.2          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.9                   | 25.67                 | 17.985                      |         |
| 6,400.0                                                                                | 6,383.0               | 6,400.1               | 6,383.0               | 12.8             | 14.3          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.8                   | 25.80                 | 17.894                      |         |
| 6,500.0                                                                                | 6,483.0               | 6,500.1               | 6,483.0               | 12.9             | 14.3          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.7                   | 25.93                 | 17.805                      |         |
| 6,600.0                                                                                | 6,583.0               | 6,600.1               | 6,583.0               | 12.9             | 14.4          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.5                   | 26.06                 | 17.715                      |         |
| 6,700.0                                                                                | 6,683.0               | 6,700.1               | 6,683.0               | 13.0             | 14.5          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.4                   | 26.19                 | 17.627                      |         |
| 6,800.0                                                                                | 6,783.0               | 6,800.1               | 6,783.0               | 13.0             | 14.5          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.3                   | 26.32                 | 17.539                      |         |
| 6,900.0                                                                                | 6,883.0               | 6,900.1               | 6,883.0               | 13.1             | 14.6          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.2                   | 26.45                 | 17.452                      |         |
| 7,000.0                                                                                | 6,983.0               | 7,000.1               | 6,983.0               | 13.2             | 14.7          | -29.94                      | 162.0        | -236.3       | 461.6                  | 435.0                   | 26.58                 | 17.366                      |         |
| 7,100.0                                                                                | 7,083.0               | 7,100.1               | 7,083.0               | 13.2             | 14.7          | -29.94                      | 162.0        | -236.3       | 461.6                  | 434.9                   | 26.71                 | 17.280                      |         |
| 7,200.0                                                                                | 7,183.0               | 7,200.1               | 7,183.0               | 13.3             | 14.8          | -29.94                      | 162.0        | -236.3       | 461.6                  | 434.8                   | 26.85                 | 17.194                      |         |
| 7,300.0                                                                                | 7,283.0               | 7,300.1               | 7,283.0               | 13.3             | 14.9          | -29.94                      | 162.0        | -236.3       | 461.6                  | 434.6                   | 26.98                 | 17.110                      |         |
| 7,400.0                                                                                | 7,383.0               | 7,400.1               | 7,383.0               | 13.4             | 14.9          | -29.94                      | 162.0        | -236.3       | 461.6                  | 434.5                   | 27.11                 | 17.028                      |         |
| 7,500.0                                                                                | 7,483.0               | 7,577.3               | 7,556.7               | 13.5             | 15.0          | -26.66                      | 162.1        | -206.8       | 453.7                  | 426.7                   | 27.02                 | 16.794                      |         |
| 7,600.0                                                                                | 7,583.0               | 7,722.6               | 7,683.3               | 13.5             | 15.1          | -18.11                      | 162.2        | -136.8       | 432.9                  | 406.0                   | 26.82                 | 16.139                      |         |
| 7,700.0                                                                                | 7,683.0               | 7,822.0               | 7,755.2               | 13.6             | 15.1          | -8.85                       | 162.4        | -68.3        | 411.6                  | 384.9                   | 26.64                 | 15.452                      |         |
| 7,800.0                                                                                | 7,783.0               | 7,889.0               | 7,794.9               | 13.6             | 15.2          | -1.21                       | 162.5        | -14.4        | 400.8                  | 374.3                   | 26.43                 | 15.165                      |         |
| 7,816.6                                                                                | 7,799.5               | 7,897.9               | 7,799.5               | 13.6             | 15.2          | -0.13                       | 162.5        | -6.8         | 400.5                  | 374.1                   | 26.39                 | 15.177                      |         |
| 7,900.0                                                                                | 7,883.0               | 7,935.5               | 7,817.8               | 13.7             | 15.2          | 4.56                        | 162.6        | 26.0         | 407.1                  | 380.9                   | 26.22                 | 15.527                      |         |
| 8,000.0                                                                                | 7,983.0               | 7,969.1               | 7,831.9               | 13.8             | 15.3          | 8.86                        | 162.7        | 56.5         | 432.7                  | 406.6                   | 26.11                 | 16.576                      |         |
| 8,100.0                                                                                | 8,083.0               | 7,994.2               | 7,841.0               | 13.8             | 15.3          | 12.10                       | 162.7        | 80.0         | 475.9                  | 449.8                   | 26.15                 | 18.203                      |         |
| 8,200.0                                                                                | 8,183.0               | 8,013.7               | 7,847.2               | 13.9             | 15.3          | 14.59                       | 162.8        | 98.4         | 533.2                  | 506.9                   | 26.32                 | 20.257                      |         |
| 8,300.0                                                                                | 8,283.0               | 8,025.0               | 7,850.4               | 13.9             | 15.3          | 16.03                       | 162.8        | 109.2        | 600.8                  | 574.2                   | 26.60                 | 22.590                      |         |
| 8,400.0                                                                                | 8,383.0               | 8,041.6               | 7,854.7               | 14.0             | 15.3          | 18.13                       | 162.8        | 125.3        | 676.0                  | 649.1                   | 26.89                 | 25.140                      |         |
| 8,500.0                                                                                | 8,483.0               | 8,050.0               | 7,856.7               | 14.1             | 15.3          | 19.17                       | 162.8        | 133.4        | 756.5                  | 729.4                   | 27.14                 | 27.873                      |         |
| 8,503.5                                                                                | 8,486.5               | 8,050.0               | 7,856.7               | 14.1             | 15.3          | 19.17                       | 162.8        | 133.4        | 759.5                  | 732.3                   | 27.15                 | 27.971                      |         |
| 8,525.0                                                                                | 8,508.0               | 8,050.0               | 7,856.7               | 14.1             | 15.3          | -67.13                      | 162.8        | 133.4        | 777.3                  | 750.0                   | 27.23                 | 28.546                      |         |
| 8,550.0                                                                                | 8,532.9               | 8,057.4               | 7,858.3               | 14.1             | 15.3          | -62.32                      | 162.9        | 140.6        | 797.9                  | 770.6                   | 27.30                 | 29.228                      |         |
| 8,575.0                                                                                | 8,557.7               | 8,060.7               | 7,859.0               | 14.1             | 15.3          | -58.24                      | 162.9        | 143.9        | 818.4                  | 791.0                   | 27.39                 | 29.885                      |         |
| 8,600.0                                                                                | 8,582.3               | 8,064.4               | 7,859.7               | 14.1             | 15.3          | -54.41                      | 162.9        | 147.5        | 838.7                  | 811.3                   | 27.47                 | 30.529                      |         |
| 8,625.0                                                                                | 8,606.7               | 8,075.0               | 7,861.7               | 14.1             | 15.4          | -50.34                      | 162.9        | 157.9        | 858.9                  | 831.4                   | 27.55                 | 31.181                      |         |
| 8,650.0                                                                                | 8,630.7               | 8,075.0               | 7,861.7               | 14.1             | 15.4          | -47.42                      | 162.9        | 157.9        | 878.7                  | 851.0                   | 27.65                 | 31.780                      |         |
| 8,675.0                                                                                | 8,654.3               | 8,075.0               | 7,861.7               | 14.1             | 15.4          | -44.73                      | 162.9        | 157.9        | 898.2                  | 870.4                   | 27.75                 | 32.364                      |         |
| 8,700.0                                                                                | 8,677.5               | 8,075.0               | 7,861.7               | 14.1             | 15.4          | -42.26                      | 162.9        | 157.9        | 917.4                  | 889.5                   | 27.86                 | 32.931                      |         |
| 8,725.0                                                                                | 8,700.1               | 8,087.1               | 7,863.7               | 14.1             | 15.4          | -39.43                      | 162.9        | 169.9        | 936.0                  | 908.0                   | 27.93                 | 33.507                      |         |
| 8,750.0                                                                                | 8,722.2               | 8,100.0               | 7,865.4               | 14.1             | 15.4          | -36.89                      | 162.9        | 182.6        | 954.3                  | 926.3                   | 28.01                 | 34.070                      |         |
| 8,775.0                                                                                | 8,743.6               | 8,100.0               | 7,865.4               | 14.1             | 15.4          | -35.13                      | 162.9        | 182.6        | 972.0                  | 943.9                   | 28.12                 | 34.570                      |         |
| 8,800.0                                                                                | 8,764.3               | 8,100.0               | 7,865.4               | 14.1             | 15.4          | -33.52                      | 162.9        | 182.6        | 989.2                  | 961.0                   | 28.22                 | 35.052                      |         |

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

# ConocoPhillips

## Anticollision Report

|                           |                       |                                     |                           |
|---------------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY _DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT      | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft              | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H  | <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>  | PWP1                  | <b>Offset TVD Reference:</b>        | Offset Datum              |

| Offset Design: MAGELLAN PROJECT - MAGELLAN WC FEE 702H - OWB - PWP1                    |                       |                       |                       |           |        |                       |              |              |                        |                                  |                       |                   | Offset Site Error: | 0.0 usft |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-----------------------|--------------|--------------|------------------------|----------------------------------|-----------------------|-------------------|--------------------|----------|
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR, 2000-r.5 MWD+IFR1, 8604-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |           |        |                       |              |              |                        |                                  |                       |                   | Offset Well Error: | 0.0 usft |
| Measured Depth (usft)                                                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference | Offset | Highside Toolface (°) | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Distance Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor | Warning            |          |
| 0.0                                                                                    | 0.0                   | 0.0                   | 0.0                   | 0.0       | 0.0    | 0.16                  | 40.0         | 0.1          | 40.0                   |                                  |                       |                   |                    |          |
| 100.0                                                                                  | 100.0                 | 100.0                 | 100.0                 | 0.8       | 0.8    | 0.16                  | 40.0         | 0.1          | 40.0                   | 38.0                             | 2.02                  | 19.778            |                    |          |
| 200.0                                                                                  | 200.0                 | 200.0                 | 200.0                 | 1.4       | 1.4    | 0.16                  | 40.0         | 0.1          | 40.0                   | 36.7                             | 3.34                  | 11.966            |                    |          |
| 300.0                                                                                  | 300.0                 | 300.0                 | 300.0                 | 1.9       | 1.9    | 0.16                  | 40.0         | 0.1          | 40.0                   | 35.8                             | 4.23                  | 9.464             |                    |          |
| 400.0                                                                                  | 400.0                 | 400.0                 | 400.0                 | 2.2       | 2.2    | 0.16                  | 40.0         | 0.1          | 40.0                   | 35.1                             | 4.94                  | 8.092             |                    |          |
| 500.0                                                                                  | 500.0                 | 500.0                 | 500.0                 | 2.6       | 2.6    | 0.16                  | 40.0         | 0.1          | 40.0                   | 34.4                             | 5.56                  | 7.189             |                    |          |
| 600.0                                                                                  | 600.0                 | 600.0                 | 600.0                 | 2.8       | 2.8    | 0.16                  | 40.0         | 0.1          | 40.0                   | 33.9                             | 6.12                  | 6.534             |                    |          |
| 700.0                                                                                  | 700.0                 | 700.0                 | 700.0                 | 3.1       | 3.1    | 0.16                  | 40.0         | 0.1          | 40.0                   | 33.4                             | 6.63                  | 6.031             |                    |          |
| 800.0                                                                                  | 800.0                 | 800.0                 | 800.0                 | 3.3       | 3.3    | 0.16                  | 40.0         | 0.1          | 40.0                   | 32.9                             | 7.11                  | 5.628             |                    |          |
| 900.0                                                                                  | 900.0                 | 900.0                 | 900.0                 | 3.6       | 3.6    | 0.16                  | 40.0         | 0.1          | 40.0                   | 32.4                             | 7.55                  | 5.295             |                    |          |
| 1,000.0                                                                                | 1,000.0               | 1,000.0               | 1,000.0               | 3.8       | 3.8    | 0.16                  | 40.0         | 0.1          | 40.0                   | 32.0                             | 7.98                  | 5.013             |                    |          |
| 1,100.0                                                                                | 1,100.0               | 1,100.0               | 1,100.0               | 4.0       | 4.0    | 0.16                  | 40.0         | 0.1          | 40.0                   | 31.6                             | 8.38                  | 4.772             |                    |          |
| 1,200.0                                                                                | 1,200.0               | 1,200.0               | 1,200.0               | 4.2       | 4.2    | 0.16                  | 40.0         | 0.1          | 40.0                   | 31.2                             | 8.77                  | 4.561             |                    |          |
| 1,300.0                                                                                | 1,300.0               | 1,300.0               | 1,300.0               | 4.4       | 4.4    | 0.16                  | 40.0         | 0.1          | 40.0                   | 30.9                             | 9.14                  | 4.375             |                    |          |
| 1,400.0                                                                                | 1,400.0               | 1,400.0               | 1,400.0               | 4.6       | 4.6    | 0.16                  | 40.0         | 0.1          | 40.0                   | 30.5                             | 9.50                  | 4.209             |                    |          |
| 1,500.0                                                                                | 1,500.0               | 1,500.0               | 1,500.0               | 4.7       | 4.7    | 0.16                  | 40.0         | 0.1          | 40.0                   | 30.1                             | 9.85                  | 4.059             |                    |          |
| 1,600.0                                                                                | 1,600.0               | 1,600.0               | 1,600.0               | 4.9       | 4.9    | 0.16                  | 40.0         | 0.1          | 40.0                   | 29.8                             | 10.19                 | 3.924             |                    |          |
| 1,700.0                                                                                | 1,700.0               | 1,700.0               | 1,700.0               | 5.1       | 5.1    | 0.16                  | 40.0         | 0.1          | 40.0                   | 29.5                             | 10.52                 | 3.801             |                    |          |
| 1,800.0                                                                                | 1,800.0               | 1,800.0               | 1,800.0               | 5.2       | 5.2    | 0.16                  | 40.0         | 0.1          | 40.0                   | 29.2                             | 10.85                 | 3.688             |                    |          |
| 1,900.0                                                                                | 1,900.0               | 1,900.0               | 1,900.0               | 5.4       | 5.4    | 0.16                  | 40.0         | 0.1          | 40.0                   | 28.8                             | 11.16                 | 3.584             |                    |          |
| 2,000.0                                                                                | 2,000.0               | 2,000.0               | 2,000.0               | 5.6       | 5.6    | 0.16                  | 40.0         | 0.1          | 40.0                   | 28.5                             | 11.47                 | 3.487 CC, ES, SF  |                    |          |
| 2,100.0                                                                                | 2,100.0               | 2,098.5               | 2,098.5               | 5.8       | 5.8    | 178.75                | 41.7         | 0.1          | 43.5                   | 31.5                             | 11.92                 | 3.647             |                    |          |
| 2,200.0                                                                                | 2,199.8               | 2,196.3               | 2,196.2               | 6.0       | 6.0    | 178.81                | 46.7         | 0.1          | 53.8                   | 41.5                             | 12.35                 | 4.359             |                    |          |
| 2,300.0                                                                                | 2,299.5               | 2,292.7               | 2,292.2               | 6.3       | 6.2    | 178.87                | 54.9         | 0.0          | 71.0                   | 58.2                             | 12.79                 | 5.550             |                    |          |
| 2,400.0                                                                                | 2,398.7               | 2,387.1               | 2,385.9               | 6.5       | 6.5    | 178.92                | 66.1         | -0.1         | 94.9                   | 81.6                             | 13.26                 | 7.154             |                    |          |
| 2,500.1                                                                                | 2,497.5               | 2,478.9               | 2,476.7               | 6.8       | 6.7    | 178.95                | 79.9         | -0.2         | 125.2                  | 111.5                            | 13.74                 | 9.111             |                    |          |
| 2,600.0                                                                                | 2,595.9               | 2,568.1               | 2,564.4               | 7.0       | 7.0    | 178.97                | 96.1         | -0.3         | 160.2                  | 146.0                            | 14.17                 | 11.299            |                    |          |
| 2,700.0                                                                                | 2,694.4               | 2,655.2               | 2,649.5               | 7.3       | 7.3    | 178.97                | 114.6        | -0.4         | 198.0                  | 183.4                            | 14.62                 | 13.541            |                    |          |
| 2,800.0                                                                                | 2,792.9               | 2,743.5               | 2,735.3               | 7.6       | 7.6    | 178.96                | 135.6        | -0.6         | 238.3                  | 223.2                            | 15.10                 | 15.776            |                    |          |
| 2,900.0                                                                                | 2,891.4               | 2,834.9               | 2,823.9               | 7.8       | 7.8    | 178.95                | 157.7        | -0.7         | 279.0                  | 263.3                            | 15.64                 | 17.842            |                    |          |
| 3,000.0                                                                                | 2,989.9               | 2,926.2               | 2,912.6               | 8.1       | 8.1    | 178.94                | 179.8        | -0.9         | 319.6                  | 303.4                            | 16.20                 | 19.734            |                    |          |
| 3,100.0                                                                                | 3,088.3               | 3,017.6               | 3,001.2               | 8.5       | 8.4    | 178.94                | 201.9        | -1.0         | 360.3                  | 343.5                            | 16.79                 | 21.464            |                    |          |
| 3,118.9                                                                                | 3,106.9               | 3,034.8               | 3,017.9               | 8.5       | 8.4    | 178.94                | 206.1        | -1.1         | 368.0                  | 351.1                            | 16.89                 | 21.786            |                    |          |
| 3,200.0                                                                                | 3,186.9               | 3,109.2               | 3,090.1               | 8.8       | 8.7    | 178.94                | 224.1        | -1.2         | 400.5                  | 383.1                            | 17.38                 | 23.036            |                    |          |
| 3,300.0                                                                                | 3,285.8               | 3,201.4               | 3,179.6               | 9.1       | 9.0    | 178.94                | 246.4        | -1.4         | 439.0                  | 421.0                            | 18.02                 | 24.368            |                    |          |
| 3,400.0                                                                                | 3,384.9               | 3,294.3               | 3,269.7               | 9.4       | 9.3    | 178.94                | 268.9        | -1.5         | 476.0                  | 457.3                            | 18.67                 | 25.498            |                    |          |
| 3,500.0                                                                                | 3,484.2               | 3,387.9               | 3,360.5               | 9.8       | 9.7    | 178.93                | 291.5        | -1.7         | 511.3                  | 492.0                            | 19.33                 | 26.448            |                    |          |
| 3,600.0                                                                                | 3,583.7               | 3,482.0               | 3,451.9               | 10.1      | 10.0   | 178.92                | 314.3        | -1.9         | 545.0                  | 525.0                            | 20.01                 | 27.240            |                    |          |
| 3,700.0                                                                                | 3,683.4               | 3,576.8               | 3,543.8               | 10.4      | 10.4   | 178.91                | 337.2        | -2.0         | 577.0                  | 556.3                            | 20.69                 | 27.891            |                    |          |
| 3,800.0                                                                                | 3,783.2               | 3,672.0               | 3,636.2               | 10.7      | 10.8   | 178.90                | 360.2        | -2.2         | 607.4                  | 586.0                            | 21.37                 | 28.421            |                    |          |
| 3,900.0                                                                                | 3,883.0               | 3,767.8               | 3,729.2               | 11.0      | 11.2   | 178.88                | 383.4        | -2.3         | 636.1                  | 614.1                            | 22.05                 | 28.846            |                    |          |
| 4,000.0                                                                                | 3,983.0               | 3,864.1               | 3,822.6               | 11.3      | 11.6   | 178.87                | 406.7        | -2.5         | 663.2                  | 640.4                            | 22.72                 | 29.185            |                    |          |
| 4,100.0                                                                                | 4,083.0               | 3,960.8               | 3,916.4               | 11.5      | 12.0   | 178.85                | 430.1        | -2.7         | 688.5                  | 665.2                            | 23.36                 | 29.476            |                    |          |
| 4,119.0                                                                                | 4,102.0               | 3,979.3               | 3,934.3               | 11.5      | 12.0   | 0.27                  | 434.6        | -2.7         | 693.2                  | 669.7                            | 23.45                 | 29.554            |                    |          |
| 4,200.0                                                                                | 4,183.0               | 4,057.9               | 4,010.6               | 11.6      | 12.4   | 0.26                  | 453.6        | -2.9         | 712.7                  | 688.9                            | 23.85                 | 29.885            |                    |          |
| 4,300.0                                                                                | 4,283.0               | 4,154.9               | 4,104.7               | 11.6      | 12.8   | 0.23                  | 477.0        | -3.0         | 736.9                  | 712.6                            | 24.35                 | 30.260            |                    |          |
| 4,400.0                                                                                | 4,383.0               | 4,251.9               | 4,198.9               | 11.7      | 13.2   | 0.21                  | 500.5        | -3.2         | 761.1                  | 736.3                            | 24.87                 | 30.609            |                    |          |
| 4,500.0                                                                                | 4,483.0               | 4,348.9               | 4,293.0               | 11.7      | 13.6   | 0.19                  | 524.0        | -3.4         | 785.3                  | 759.9                            | 25.39                 | 30.932            |                    |          |
| 4,600.0                                                                                | 4,583.0               | 4,446.0               | 4,387.2               | 11.8      | 14.1   | 0.18                  | 547.5        | -3.5         | 809.5                  | 783.6                            | 25.92                 | 31.233            |                    |          |
| 4,700.0                                                                                | 4,683.0               | 4,543.0               | 4,481.3               | 11.8      | 14.5   | 0.16                  | 570.9        | -3.7         | 833.7                  | 807.2                            | 26.46                 | 31.512            |                    |          |
| 4,800.0                                                                                | 4,783.0               | 4,640.0               | 4,575.5               | 11.9      | 14.9   | 0.14                  | 594.4        | -3.9         | 857.9                  | 830.9                            | 27.00                 | 31.772            |                    |          |

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

ConocoPhillips  
Anticollision Report

|                    |                       |                              |                           |
|--------------------|-----------------------|------------------------------|---------------------------|
| Company:           | DELAWARE BASIN WEST   | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Project:           | EDDY COUNTY _DBW_NM_E | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Reference Site:    | MAGELLAN PROJECT      | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site Error:        | 0.0 usft              | North Reference:             | Grid                      |
| Reference Well:    | MAGELLAN WC FEE 701H  | 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:  | PWP1                  | Offset TVD Reference:        | Offset Datum              |

|                                                                                        |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                   |                    |          |
|----------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|------------------------|--------------|--------------|------------------------|-------------------------|-----------------------|-------------------|--------------------|----------|
| Offset Design: MAGELLAN PROJECT - MAGELLAN WC FEE 702H - OWB - PWP1                    |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                   | Offset Site Error: | 0.0 usft |
| Survey Program: 0-r.5 MWD+IFR1+SAG+FDIR, 2000-r.5 MWD+IFR1, 8604-r.5 MWD+IFR1+SAG+FDIR |                       |                       |                       |                  |               |                        |              |              |                        |                         |                       |                   | Offset Well Error: | 0.0 usft |
| Reference                                                                              |                       | Offset                |                       | Semi Major Axis  |               | Offset Wellbore Centre |              | Distance     |                        | Rule Assigned:          |                       |                   |                    |          |
| Measured Depth (usft)                                                                  | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°)  | +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | No-Go Distance (usft) | Separation Factor | Warning            |          |
| 4,900.0                                                                                | 4,883.0               | 4,737.1               | 4,669.6               | 12.0             | 15.4          | 0.13                   | 617.9        | -4.0         | 882.1                  | 854.5                   | 27.55                 | 32.013            |                    |          |
| 5,000.0                                                                                | 4,983.0               | 4,834.1               | 4,763.8               | 12.0             | 15.8          | 0.11                   | 641.3        | -4.2         | 906.3                  | 878.2                   | 28.11                 | 32.237            |                    |          |
| 5,100.0                                                                                | 5,083.0               | 4,931.1               | 4,857.9               | 12.1             | 16.2          | 0.10                   | 664.8        | -4.4         | 930.5                  | 901.8                   | 28.68                 | 32.446            |                    |          |
| 5,200.0                                                                                | 5,183.0               | 5,028.2               | 4,952.1               | 12.1             | 16.7          | 0.09                   | 688.3        | -4.5         | 954.6                  | 925.4                   | 29.25                 | 32.640            |                    |          |
| 5,300.0                                                                                | 5,283.0               | 5,125.2               | 5,046.2               | 12.2             | 17.1          | 0.07                   | 711.8        | -4.7         | 978.8                  | 949.0                   | 29.82                 | 32.821            |                    |          |

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

ConocoPhillips  
Anticollision Report

|                    |                       |                              |                           |
|--------------------|-----------------------|------------------------------|---------------------------|
| Company:           | DELAWARE BASIN WEST   | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Project:           | EDDY COUNTY _DBW_NM_E | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Reference Site:    | MAGELLAN PROJECT      | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site Error:        | 0.0 usft              | North Reference:             | Grid                      |
| Reference Well:    | MAGELLAN WC FEE 701H  | 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:  | PWP1                  | Offset TVD Reference:        | Offset Datum              |

|                                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                               |          |
|------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|-------------------------------|----------|
| Offset Design: MAGELLAN PROJECT - SKEEN 001_PA - OWB - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Site Error:            | 0.0 usft |
| Survey Program: 200-r.5 INC-ONLY                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      | Offset Well Error:            | 0.0 usft |
| Reference                                                  |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Rule Assigned:              |                      |                               |          |
| Measured<br>Depth<br>(usft)                                | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | No-Go<br>Distance<br>(usft) | Separation<br>Factor | Warning                       |          |
| 15,200.0                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 73.2                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 979.9                        | 648.7                         | 331.19                      | 2.959                | Normal Operations             |          |
| 15,300.0                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 74.3                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 963.8                        | 631.7                         | 332.11                      | 2.902                | Normal Operations             |          |
| 15,400.0                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 75.4                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 957.9                        | 625.2                         | 332.75                      | 2.879                | Normal Operations             |          |
| 15,406.4                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 75.4                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 957.9                        | 625.1                         | 332.78                      | 2.879                | Normal Operations, CC, ES, SF |          |
| 15,500.0                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 76.5                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 962.5                        | 629.4                         | 333.06                      | 2.890                | Normal Operations             |          |
| 15,600.0                                                   | 8,964.0                     | 8,901.8                     | 8,900.0                     | 77.6                | 225.9            | -90.00                      | 735.0                  | 6,622.2         | 977.3                        | 644.3                         | 333.02                      | 2.935                | Normal Operations             |          |

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

ConocoPhillips  
Anticollision Report

|                    |                      |                              |                           |
|--------------------|----------------------|------------------------------|---------------------------|
| Company:           | DELAWARE BASIN WEST  | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Project:           | EDDY COUNTY_DBW_NM_E | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Reference Site:    | MAGELLAN PROJECT     | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site Error:        | 0.0 usft             | North Reference:             | Grid                      |
| Reference Well:    | MAGELLAN WC FEE 701H | 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:  | PWP1                 | Offset TVD Reference:        | Offset Datum              |

|                                                            |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             |                      |                           |
|------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|-----------------------------|----------------------|---------------------------|
| Offset Design: MAGELLAN PROJECT - SKEEN 002_PA - OWB - AWP |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             | Offset Site Error:   | 0.0 usft                  |
| Survey Program: 200-r.5 INC-ONLY                           |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                             | Offset Well Error:   | 0.0 usft                  |
| Reference                                                  |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | No-Go<br>Distance<br>(usft) | Separation<br>Factor | Warning                   |
| Measured<br>Depth<br>(usft)                                | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                             |                      |                           |
| 16,800.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 90.9                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 976.3                        | 658.5                         | 317.83                      | 3.072                |                           |
| 16,900.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 92.0                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 879.1                        | 560.9                         | 318.17                      | 2.763                | Normal Operations         |
| 17,000.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 93.1                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 782.5                        | 463.9                         | 318.64                      | 2.456                | Caution - Monitor Closely |
| 17,100.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 94.2                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 687.0                        | 367.7                         | 319.30                      | 2.152                | Caution - Monitor Closely |
| 17,200.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 95.3                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 592.9                        | 272.6                         | 320.30                      | 1.851                | Caution - Monitor Closely |
| 17,300.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 96.4                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 501.1                        | 179.2                         | 321.86                      | 1.557                | Caution - Monitor Closely |
| 17,400.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 97.5                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 413.1                        | 88.7                          | 324.43                      | 1.273                | Take Immediate Action     |
| 17,500.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 98.7                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 332.0                        | 3.2                           | 328.82                      | 1.010                | Take Immediate Action     |
| 17,600.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 99.8                | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 264.3                        | -71.7                         | 335.97                      | 0.787                | STOP Drilling             |
| 17,700.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 100.9               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 222.3                        | -121.8                        | 344.05                      | 0.646                | STOP Drilling             |
| 17,752.1                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 101.5               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 216.1                        | -129.7                        | 345.81                      | 0.625                | STOP Drilling, CC, ES, SF |
| 17,800.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 102.0               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 221.3                        | -123.4                        | 344.71                      | 0.642                | STOP Drilling             |
| 17,900.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 103.1               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 261.8                        | -75.4                         | 337.28                      | 0.776                | STOP Drilling             |
| 18,000.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 104.2               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 328.8                        | -1.3                          | 330.13                      | 0.996                | STOP Drilling             |
| 18,100.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 105.3               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 409.5                        | 83.9                          | 325.59                      | 1.258                | Take Immediate Action     |
| 18,200.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 106.5               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 497.3                        | 174.4                         | 322.89                      | 1.540                | Caution - Monitor Closely |
| 18,300.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 107.6               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 589.0                        | 267.7                         | 321.23                      | 1.833                | Caution - Monitor Closely |
| 18,400.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 108.7               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 683.0                        | 362.8                         | 320.17                      | 2.133                | Caution - Monitor Closely |
| 18,500.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 109.8               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 778.5                        | 459.0                         | 319.46                      | 2.437                | Caution - Monitor Closely |
| 18,600.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 110.9               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 875.0                        | 556.0                         | 318.97                      | 2.743                | Normal Operations         |
| 18,700.0                                                   | 8,964.0                     | 8,896.8                     | 8,895.0                     | 112.0               | 225.8            | -90.00                      | -1.5                   | 8,969.6         | 972.2                        | 653.6                         | 318.62                      | 3.051                |                           |

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

## ConocoPhillips

## Anticollision Report

|                           |                      |                                     |                           |
|---------------------------|----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST  | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY_DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT     | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft             | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H | <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>  | PWP1                 | <b>Offset TVD Reference:</b>        | Offset Datum              |

Reference Depths are relative to RKB=32ft @ 3199.0usft

Offset Depths are relative to Offset Datum

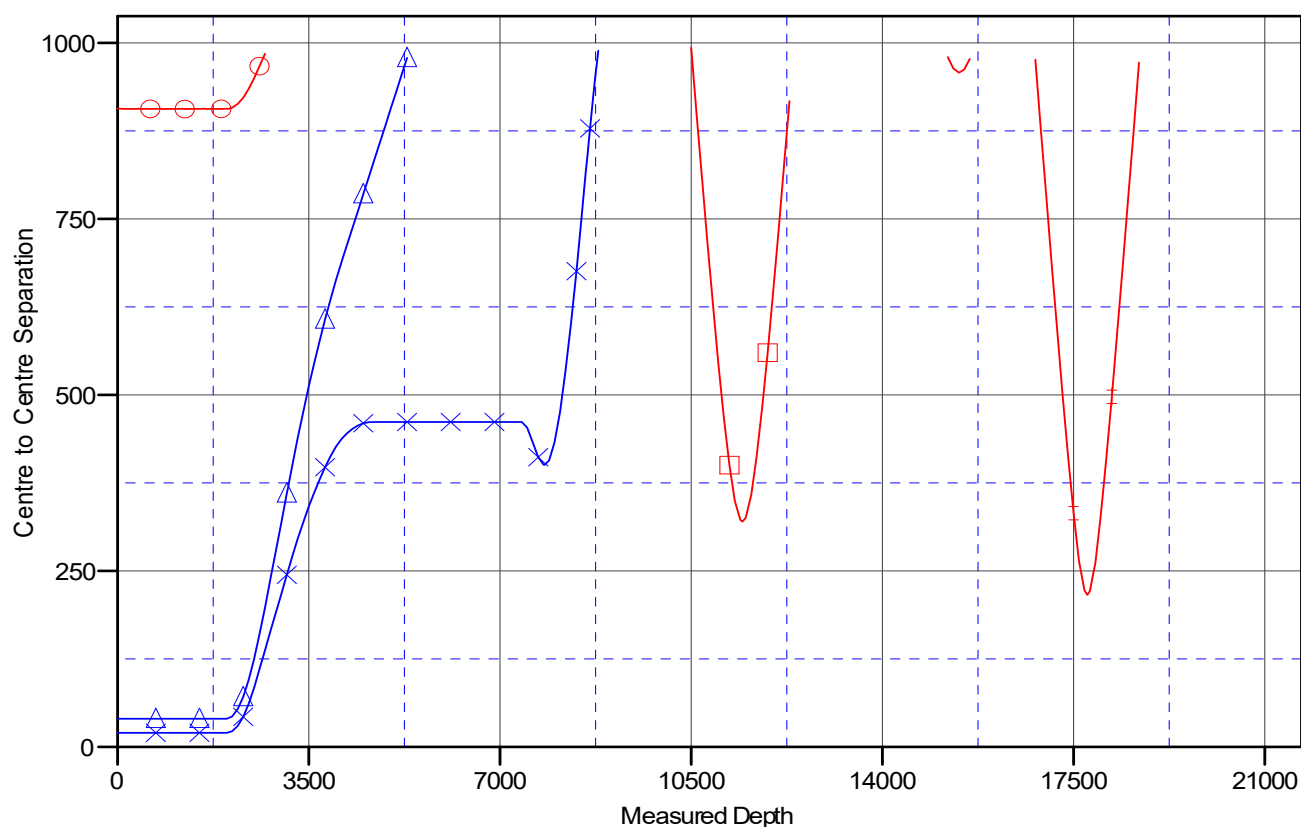
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MAGELLAN WC FEE 701H

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

Grid Convergence at Surface is: 0.06°

## Ladder Plot



## LEGEND

|                                       |                                    |                           |
|---------------------------------------|------------------------------------|---------------------------|
| CALVANI 001_PA, OWB, AWP V0           | MAGELLAN BS FEE 501H, OWB, PWP1 V0 | SKEEN 001_PA, OWB, AWP V0 |
| HOWARD HEMLER COM 001_PA, OWB, AWP V0 | MAGELLAN WC FEE 702H, OWB, PWP1 V0 | SKEEN 002_PA, OWB, AWP V0 |

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

# ConocoPhillips

## Anticollision Report

|                           |                       |                                     |                           |
|---------------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Company:</b>           | DELAWARE BASIN WEST   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Project:</b>           | EDDY COUNTY _DBW_NM_E | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Reference Site:</b>    | MAGELLAN PROJECT      | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site Error:</b>        | 0.0 usft              | <b>North Reference:</b>             | Grid                      |
| <b>Reference Well:</b>    | MAGELLAN WC FEE 701H  | <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>  | PWP1                  | <b>Offset TVD Reference:</b>        | Offset Datum              |

Reference Depths are relative to RKB=32ft @ 3199.0usft

Offset Depths are relative to Offset Datum

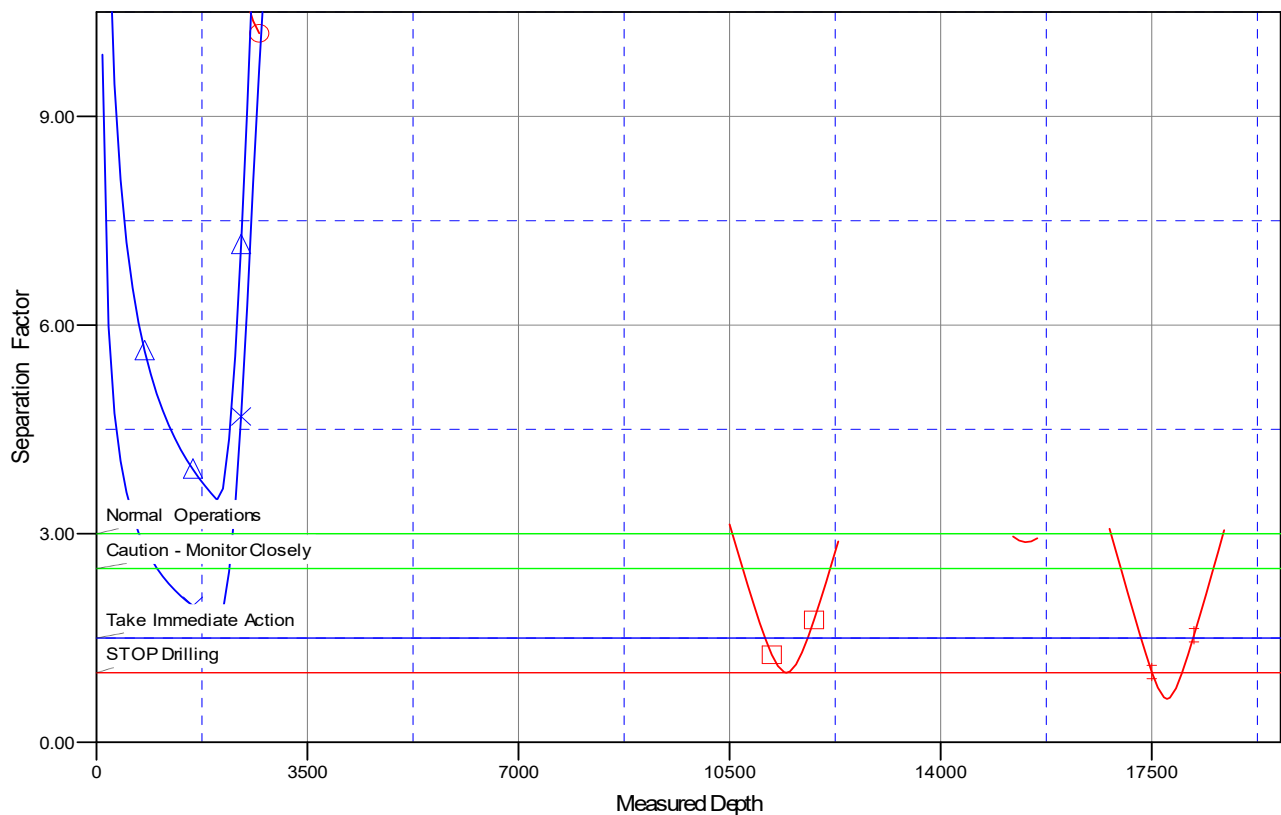
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: MAGELLAN WC FEE 701H

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

Grid Convergence at Surface is: 0.06°

### Separation Factor Plot



#### LEGEND

|                                       |                                    |                           |
|---------------------------------------|------------------------------------|---------------------------|
| CALVANI 001_PA, OWB, AWP V0           | MAGELLAN BS FEE 501H, OWB, PWP1 V0 | SKEEN 001_PA, OWB, AWP V0 |
| HOWARD HEMLER COM 001_PA, OWB, AWP V0 | MAGELLAN WC FEE 702H, OWB, PWP1 V0 | SKEEN 002_PA, OWB, AWP V0 |

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

# **DELAWARE BASIN WEST**

**EDDY COUNTY \_DBW\_NM\_E**

**MAGELLAN PROJECT**

**MAGELLAN WC FEE 701H**

**OWB**

**Plan: PWP1**

## **Standard Planning Report**

**16 October, 2025**

ConocoPhillips  
Planning Report

|           |                       |                              |                           |
|-----------|-----------------------|------------------------------|---------------------------|
| Database: | EDT 17 Permian Prod   | Local Co-ordinate Reference: | Well MAGELLAN WC FEE 701H |
| Company:  | DELAWARE BASIN WEST   | TVD Reference:               | RKB=32ft @ 3199.0usft     |
| Project:  | EDDY COUNTY _DBW_NM_E | MD Reference:                | RKB=32ft @ 3199.0usft     |
| Site:     | MAGELLAN PROJECT      | North Reference:             | Grid                      |
| Well:     | MAGELLAN WC FEE 701H  | Survey Calculation Method:   | Minimum Curvature         |
| Wellbore: | OWB                   |                              |                           |
| Design:   | PWP1                  |                              |                           |

|             |                                      |               |                |
|-------------|--------------------------------------|---------------|----------------|
| Project     | EDDY COUNTY _DBW_NM_E                |               |                |
| 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                 |               |                |

| Well                 | MAGELLAN WC FEE 701H |          |                     |                 |               |                  |
|----------------------|----------------------|----------|---------------------|-----------------|---------------|------------------|
| Well Position        | +N/-S                | 0.0 usft | Northing:           | 494,272.34 usft | Latitude:     | 32° 21' 31.744 N |
|                      | +E/-W                | 0.0 usft | Easting:            | 535,429.62 usft | Longitude:    | 104° 13' 6.936 W |
| Position Uncertainty |                      | 0.0 usft | Wellhead Elevation: | usft            | Ground Level: | 3,167.0 usft     |
| Grid Convergence:    |                      | 0.06 °   |                     |                 |               |                  |

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore  | OWB        |             |                    |                  |                        |
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | BGGM2025   | 3/1/2026    | 6.75               | 59.88            | 47,068.36157967        |

|                   |                            |                 |                 |                  |  |
|-------------------|----------------------------|-----------------|-----------------|------------------|--|
| Design            | PWP1                       |                 |                 |                  |  |
| Audit Notes:      |                            |                 |                 |                  |  |
| Version:          | Phase:                     | PLAN            | Tie On Depth:   | 0.0              |  |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |  |
|                   | 0.0                        | 0.0             | 0.0             | 91.22            |  |

|                          |                    |                     |                                                  |         |  |
|--------------------------|--------------------|---------------------|--------------------------------------------------|---------|--|
| Plan Survey Tool Program |                    | Date                | 10/16/2025                                       |         |  |
| Depth From<br>(usft)     | Depth To<br>(usft) | Survey (Wellbore)   | Tool Name                                        | Remarks |  |
| 1                        | 0.0                | 2,000.0 PWP1 (OWB)  | r.5 MWD+IFR1+SAG+FDIR<br>OWSG MWD + IFR1 + SAG + |         |  |
| 2                        | 2,000.0            | 8,503.5 PWP1 (OWB)  | r.5 MWD+IFR1<br>OWSG MWD + IFR1 rev.5            |         |  |
| 3                        | 8,503.5            | 18,849.4 PWP1 (OWB) | r.5 MWD+IFR1+SAG+FDIR<br>OWSG MWD + IFR1 + SAG + |         |  |

|                             |                    |                |                             |                 |                 |                               |                              |                             |            |        |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|-----------------------------|------------|--------|
| Plan Sections               |                    |                |                             |                 |                 |                               |                              |                             |            |        |
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Dogleg<br>Rate<br>(°/100usft) | Build<br>Rate<br>(°/100usft) | Turn<br>Rate<br>(°/100usft) | TFO<br>(°) | Target |
| 0.0                         | 0.00               | 0.00           | 0.0                         | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 2,000.0                     | 0.00               | 0.00           | 2,000.0                     | 0.0             | 0.0             | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 2,500.1                     | 10.00              | 181.43         | 2,497.5                     | -43.5           | -1.1            | 2.00                          | 2.00                         | 0.00                        | 181.43     |        |
| 3,118.9                     | 10.00              | 181.43         | 3,106.9                     | -151.0          | -3.8            | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 4,119.0                     | 0.00               | 0.00           | 4,102.0                     | -238.0          | -5.9            | 1.00                          | -1.00                        | 0.00                        | 180.00     |        |
| 8,503.5                     | 0.00               | 0.00           | 8,486.5                     | -238.0          | -5.9            | 0.00                          | 0.00                         | 0.00                        | 0.00       |        |
| 9,253.5                     | 90.00              | 89.87          | 8,964.0                     | -236.9          | 471.5           | 12.00                         | 12.00                        | 0.00                        | 89.87      |        |
| 18,849.4                    | 90.00              | 89.87          | 8,964.0                     | -215.1          | 10,067.3        | 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 MAGELLAN WC FEE 701H |
| <b>Company:</b>  | DELAWARE BASIN WEST   | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Project:</b>  | EDDY COUNTY _DBW_NM_E | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site:</b>     | MAGELLAN PROJECT      | <b>North Reference:</b>             | Grid                      |
| <b>Well:</b>     | MAGELLAN WC FEE 701H  | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OWB                   |                                     |                           |
| <b>Design:</b>   | PWP1                  |                                     |                           |

| 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                  |
| <b>NUDGE @ DLS 2.00</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,100.0                 | 2.00            | 181.43      | 2,100.0               | -1.7         | 0.0          | 0.0                     | 2.00                    | 2.00                   | 0.00                  |
| 2,200.0                 | 4.00            | 181.43      | 2,199.8               | -7.0         | -0.2         | 0.0                     | 2.00                    | 2.00                   | 0.00                  |
| 2,300.0                 | 6.00            | 181.43      | 2,299.5               | -15.7        | -0.4         | -0.1                    | 2.00                    | 2.00                   | 0.00                  |
| 2,400.0                 | 8.00            | 181.43      | 2,398.7               | -27.9        | -0.7         | -0.1                    | 2.00                    | 2.00                   | 0.00                  |
| 2,500.1                 | 10.00           | 181.43      | 2,497.5               | -43.5        | -1.1         | -0.2                    | 2.00                    | 2.00                   | 0.00                  |
| <b>HOLD TNGT</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,600.0                 | 10.00           | 181.43      | 2,595.9               | -60.9        | -1.5         | -0.2                    | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0                 | 10.00           | 181.43      | 2,694.4               | -78.2        | -2.0         | -0.3                    | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0                 | 10.00           | 181.43      | 2,792.9               | -95.6        | -2.4         | -0.3                    | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0                 | 10.00           | 181.43      | 2,891.4               | -113.0       | -2.8         | -0.4                    | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0                 | 10.00           | 181.43      | 2,989.9               | -130.3       | -3.3         | -0.5                    | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0                 | 10.00           | 181.43      | 3,088.3               | -147.7       | -3.7         | -0.5                    | 0.00                    | 0.00                   | 0.00                  |
| 3,118.9                 | 10.00           | 181.43      | 3,106.9               | -151.0       | -3.8         | -0.5                    | 0.00                    | 0.00                   | 0.00                  |
| <b>END NUDGE</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 3,200.0                 | 9.19            | 181.43      | 3,186.9               | -164.5       | -4.1         | -0.6                    | 1.00                    | -1.00                  | 0.00                  |
| 3,300.0                 | 8.19            | 181.43      | 3,285.8               | -179.6       | -4.5         | -0.6                    | 1.00                    | -1.00                  | 0.00                  |
| 3,400.0                 | 7.19            | 181.43      | 3,384.9               | -193.0       | -4.8         | -0.7                    | 1.00                    | -1.00                  | 0.00                  |
| 3,500.0                 | 6.19            | 181.43      | 3,484.2               | -204.6       | -5.1         | -0.7                    | 1.00                    | -1.00                  | 0.00                  |
| 3,600.0                 | 5.19            | 181.43      | 3,583.7               | -214.5       | -5.4         | -0.8                    | 1.00                    | -1.00                  | 0.00                  |
| 3,700.0                 | 4.19            | 181.43      | 3,683.4               | -222.7       | -5.6         | -0.8                    | 1.00                    | -1.00                  | 0.00                  |
| 3,800.0                 | 3.19            | 181.43      | 3,783.2               | -229.1       | -5.7         | -0.8                    | 1.00                    | -1.00                  | 0.00                  |
| 3,900.0                 | 2.19            | 181.43      | 3,883.0               | -233.8       | -5.8         | -0.8                    | 1.00                    | -1.00                  | 0.00                  |
| 4,000.0                 | 1.19            | 181.43      | 3,983.0               | -236.8       | -5.9         | -0.9                    | 1.00                    | -1.00                  | 0.00                  |
| 4,100.0                 | 0.19            | 181.43      | 4,083.0               | -238.0       | -5.9         | -0.9                    | 1.00                    | -1.00                  | 0.00                  |
| 4,119.0                 | 0.00            | 0.00        | 4,102.0               | -238.0       | -5.9         | -0.9                    | 1.00                    | -1.00                  | 0.00                  |
| <b>HOLD TO CVE KOP</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,200.0                 | 0.00            | 0.00        | 4,183.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0                 | 0.00            | 0.00        | 4,283.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0                 | 0.00            | 0.00        | 4,383.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0                 | 0.00            | 0.00        | 4,483.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0                 | 0.00            | 0.00        | 4,583.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                       |                                     |                           |
|------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDT 17 Permian Prod   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Company:</b>  | DELAWARE BASIN WEST   | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Project:</b>  | EDDY COUNTY _DBW_NM_E | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site:</b>     | MAGELLAN PROJECT      | <b>North Reference:</b>             | Grid                      |
| <b>Well:</b>     | MAGELLAN WC FEE 701H  | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OWB                   |                                     |                           |
| <b>Design:</b>   | PWP1                  |                                     |                           |

| Planned Survey          |                 |             |                       |              |              |                         |                         |                        |                       |
|-------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft)   | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,700.0                 | 0.00            | 0.00        | 4,683.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0                 | 0.00            | 0.00        | 4,783.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0                 | 0.00            | 0.00        | 4,883.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0                 | 0.00            | 0.00        | 4,983.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0                 | 0.00            | 0.00        | 5,083.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0                 | 0.00            | 0.00        | 5,183.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0                 | 0.00            | 0.00        | 5,283.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0                 | 0.00            | 0.00        | 5,383.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0                 | 0.00            | 0.00        | 5,483.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0                 | 0.00            | 0.00        | 5,583.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0                 | 0.00            | 0.00        | 5,683.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0                 | 0.00            | 0.00        | 5,783.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 5,900.0                 | 0.00            | 0.00        | 5,883.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0                 | 0.00            | 0.00        | 5,983.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0                 | 0.00            | 0.00        | 6,083.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0                 | 0.00            | 0.00        | 6,183.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0                 | 0.00            | 0.00        | 6,283.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0                 | 0.00            | 0.00        | 6,383.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0                 | 0.00            | 0.00        | 6,483.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0                 | 0.00            | 0.00        | 6,583.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0                 | 0.00            | 0.00        | 6,683.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0                 | 0.00            | 0.00        | 6,783.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0                 | 0.00            | 0.00        | 6,883.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0                 | 0.00            | 0.00        | 6,983.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,100.0                 | 0.00            | 0.00        | 7,083.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,200.0                 | 0.00            | 0.00        | 7,183.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,300.0                 | 0.00            | 0.00        | 7,283.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0                 | 0.00            | 0.00        | 7,383.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0                 | 0.00            | 0.00        | 7,483.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0                 | 0.00            | 0.00        | 7,583.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0                 | 0.00            | 0.00        | 7,683.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0                 | 0.00            | 0.00        | 7,783.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0                 | 0.00            | 0.00        | 7,883.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0                 | 0.00            | 0.00        | 7,983.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0                 | 0.00            | 0.00        | 8,083.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0                 | 0.00            | 0.00        | 8,183.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0                 | 0.00            | 0.00        | 8,283.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0                 | 0.00            | 0.00        | 8,383.0               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| 8,503.5                 | 0.00            | 0.00        | 8,486.5               | -238.0       | -5.9         | -0.9                    | 0.00                    | 0.00                   | 0.00                  |
| CVE KOP-START DLS 12.00 |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,525.0                 | 2.57            | 89.87       | 8,508.0               | -238.0       | -5.5         | -0.4                    | 12.00                   | 12.00                  | 0.00                  |
| 8,550.0                 | 5.57            | 89.87       | 8,532.9               | -238.0       | -3.7         | 1.4                     | 12.00                   | 12.00                  | 0.00                  |
| 8,575.0                 | 8.57            | 89.87       | 8,557.7               | -238.0       | -0.6         | 4.5                     | 12.00                   | 12.00                  | 0.00                  |
| 8,600.0                 | 11.57           | 89.87       | 8,582.3               | -238.0       | 3.8          | 8.9                     | 12.00                   | 12.00                  | 0.00                  |
| 8,625.0                 | 14.57           | 89.87       | 8,606.7               | -238.0       | 9.4          | 14.5                    | 12.00                   | 12.00                  | 0.00                  |
| 8,650.0                 | 17.57           | 89.87       | 8,630.7               | -237.9       | 16.3         | 21.4                    | 12.00                   | 12.00                  | 0.00                  |
| 8,675.0                 | 20.57           | 89.87       | 8,654.3               | -237.9       | 24.5         | 29.6                    | 12.00                   | 12.00                  | 0.00                  |
| 8,700.0                 | 23.57           | 89.87       | 8,677.5               | -237.9       | 33.9         | 39.0                    | 12.00                   | 12.00                  | 0.00                  |
| 8,725.0                 | 26.57           | 89.87       | 8,700.1               | -237.9       | 44.5         | 49.6                    | 12.00                   | 12.00                  | 0.00                  |
| 8,750.0                 | 29.57           | 89.87       | 8,722.2               | -237.9       | 56.3         | 61.3                    | 12.00                   | 12.00                  | 0.00                  |
| 8,775.0                 | 32.57           | 89.87       | 8,743.6               | -237.8       | 69.2         | 74.2                    | 12.00                   | 12.00                  | 0.00                  |
| 8,800.0                 | 35.57           | 89.87       | 8,764.3               | -237.8       | 83.2         | 88.2                    | 12.00                   | 12.00                  | 0.00                  |
| 8,825.0                 | 38.57           | 89.87       | 8,784.2               | -237.8       | 98.2         | 103.3                   | 12.00                   | 12.00                  | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                       |                                     |                           |
|------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDT 17 Permian Prod   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Company:</b>  | DELAWARE BASIN WEST   | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Project:</b>  | EDDY COUNTY _DBW_NM_E | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site:</b>     | MAGELLAN PROJECT      | <b>North Reference:</b>             | Grid                      |
| <b>Well:</b>     | MAGELLAN WC FEE 701H  | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OWB                   |                                     |                           |
| <b>Design:</b>   | PWP1                  |                                     |                           |

| 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) |
| 8,850.0               | 41.57           | 89.87       | 8,803.4               | -237.7       | 114.3        | 119.4                   | 12.00                   | 12.00                  | 0.00                  |
| 8,875.0               | 44.57           | 89.87       | 8,821.6               | -237.7       | 131.4        | 136.5                   | 12.00                   | 12.00                  | 0.00                  |
| 8,900.0               | 47.57           | 89.87       | 8,839.0               | -237.6       | 149.4        | 154.5                   | 12.00                   | 12.00                  | 0.00                  |
| 8,925.0               | 50.57           | 89.87       | 8,855.4               | -237.6       | 168.3        | 173.3                   | 12.00                   | 12.00                  | 0.00                  |
| 8,950.0               | 53.57           | 89.87       | 8,870.7               | -237.6       | 188.0        | 193.0                   | 12.00                   | 12.00                  | 0.00                  |
| 8,975.0               | 56.57           | 89.87       | 8,885.0               | -237.5       | 208.5        | 213.5                   | 12.00                   | 12.00                  | 0.00                  |
| 9,000.0               | 59.57           | 89.87       | 8,898.2               | -237.5       | 229.7        | 234.7                   | 12.00                   | 12.00                  | 0.00                  |
| 9,025.0               | 62.57           | 89.87       | 8,910.3               | -237.4       | 251.6        | 256.6                   | 12.00                   | 12.00                  | 0.00                  |
| 9,050.0               | 65.57           | 89.87       | 8,921.3               | -237.4       | 274.1        | 279.1                   | 12.00                   | 12.00                  | 0.00                  |
| 9,075.0               | 68.57           | 89.87       | 8,931.0               | -237.3       | 297.1        | 302.1                   | 12.00                   | 12.00                  | 0.00                  |
| 9,100.0               | 71.57           | 89.87       | 8,939.5               | -237.3       | 320.6        | 325.6                   | 12.00                   | 12.00                  | 0.00                  |
| 9,125.0               | 74.57           | 89.87       | 8,946.8               | -237.2       | 344.5        | 349.5                   | 12.00                   | 12.00                  | 0.00                  |
| 9,150.0               | 77.57           | 89.87       | 8,952.8               | -237.1       | 368.8        | 373.8                   | 12.00                   | 12.00                  | 0.00                  |
| 9,175.0               | 80.57           | 89.87       | 8,957.6               | -237.1       | 393.3        | 398.3                   | 12.00                   | 12.00                  | 0.00                  |
| 9,200.0               | 83.57           | 89.87       | 8,961.0               | -237.0       | 418.1        | 423.1                   | 12.00                   | 12.00                  | 0.00                  |
| 9,225.0               | 86.57           | 89.87       | 8,963.1               | -237.0       | 443.0        | 448.0                   | 12.00                   | 12.00                  | 0.00                  |
| 9,250.0               | 89.57           | 89.87       | 8,964.0               | -236.9       | 468.0        | 472.9                   | 12.00                   | 12.00                  | 0.00                  |
| 9,253.5               | 90.00           | 89.87       | 8,964.0               | -236.9       | 471.5        | 476.5                   | 12.00                   | 12.00                  | 0.00                  |
| EOC-HOLD              |                 |             |                       |              |              |                         |                         |                        |                       |
| 9,300.0               | 90.00           | 89.87       | 8,964.0               | -236.8       | 518.0        | 522.9                   | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0               | 90.00           | 89.87       | 8,964.0               | -236.6       | 618.0        | 622.9                   | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0               | 90.00           | 89.87       | 8,964.0               | -236.4       | 718.0        | 722.9                   | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0               | 90.00           | 89.87       | 8,964.0               | -236.1       | 818.0        | 822.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0               | 90.00           | 89.87       | 8,964.0               | -235.9       | 918.0        | 922.8                   | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0               | 90.00           | 89.87       | 8,964.0               | -235.7       | 1,018.0      | 1,022.8                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0               | 90.00           | 89.87       | 8,964.0               | -235.4       | 1,118.0      | 1,122.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.0              | 90.00           | 89.87       | 8,964.0               | -235.2       | 1,218.0      | 1,222.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0              | 90.00           | 89.87       | 8,964.0               | -235.0       | 1,318.0      | 1,322.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0              | 90.00           | 89.87       | 8,964.0               | -234.8       | 1,418.0      | 1,422.7                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.0              | 90.00           | 89.87       | 8,964.0               | -234.5       | 1,518.0      | 1,522.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0              | 90.00           | 89.87       | 8,964.0               | -234.3       | 1,618.0      | 1,622.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0              | 90.00           | 89.87       | 8,964.0               | -234.1       | 1,718.0      | 1,722.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 90.00           | 89.87       | 8,964.0               | -233.8       | 1,818.0      | 1,822.6                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 90.00           | 89.87       | 8,964.0               | -233.6       | 1,918.0      | 1,922.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 90.00           | 89.87       | 8,964.0               | -233.4       | 2,018.0      | 2,022.5                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 90.00           | 89.87       | 8,964.0               | -233.2       | 2,118.0      | 2,122.5                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 90.00           | 89.87       | 8,964.0               | -232.9       | 2,218.0      | 2,222.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 90.00           | 89.87       | 8,964.0               | -232.7       | 2,318.0      | 2,322.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 90.00           | 89.87       | 8,964.0               | -232.5       | 2,418.0      | 2,422.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 90.00           | 89.87       | 8,964.0               | -232.3       | 2,518.0      | 2,522.4                 | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 90.00           | 89.87       | 8,964.0               | -232.0       | 2,618.0      | 2,622.3                 | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 90.00           | 89.87       | 8,964.0               | -231.8       | 2,718.0      | 2,722.3                 | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 90.00           | 89.87       | 8,964.0               | -231.6       | 2,818.0      | 2,822.3                 | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 90.00           | 89.87       | 8,964.0               | -231.3       | 2,918.0      | 2,922.2                 | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 90.00           | 89.87       | 8,964.0               | -231.1       | 3,018.0      | 3,022.2                 | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 90.00           | 89.87       | 8,964.0               | -230.9       | 3,118.0      | 3,122.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 90.00           | 89.87       | 8,964.0               | -230.7       | 3,218.0      | 3,222.2                 | 0.00                    | 0.00                   | 0.00                  |
| 12,100.0              | 90.00           | 89.87       | 8,964.0               | -230.4       | 3,318.0      | 3,322.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,200.0              | 90.00           | 89.87       | 8,964.0               | -230.2       | 3,418.0      | 3,422.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,300.0              | 90.00           | 89.87       | 8,964.0               | -230.0       | 3,518.0      | 3,522.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,400.0              | 90.00           | 89.87       | 8,964.0               | -229.8       | 3,618.0      | 3,622.1                 | 0.00                    | 0.00                   | 0.00                  |
| 12,500.0              | 90.00           | 89.87       | 8,964.0               | -229.5       | 3,718.0      | 3,722.0                 | 0.00                    | 0.00                   | 0.00                  |
| 12,600.0              | 90.00           | 89.87       | 8,964.0               | -229.3       | 3,818.0      | 3,822.0                 | 0.00                    | 0.00                   | 0.00                  |
| 12,700.0              | 90.00           | 89.87       | 8,964.0               | -229.1       | 3,918.0      | 3,922.0                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

## Planning Report

|                  |                       |                                     |                           |
|------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDT 17 Permian Prod   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Company:</b>  | DELAWARE BASIN WEST   | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Project:</b>  | EDDY COUNTY _DBW_NM_E | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site:</b>     | MAGELLAN PROJECT      | <b>North Reference:</b>             | Grid                      |
| <b>Well:</b>     | MAGELLAN WC FEE 701H  | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OWB                   |                                     |                           |
| <b>Design:</b>   | PWP1                  |                                     |                           |

| 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) |
| 12,800.0              | 90.00           | 89.87       | 8,964.0               | -228.8       | 4,018.0      | 4,021.9                 | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 90.00           | 89.87       | 8,964.0               | -228.6       | 4,118.0      | 4,121.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 89.87       | 8,964.0               | -228.4       | 4,218.0      | 4,221.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 89.87       | 8,964.0               | -228.2       | 4,318.0      | 4,321.9                 | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 89.87       | 8,964.0               | -227.9       | 4,418.0      | 4,421.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 89.87       | 8,964.0               | -227.7       | 4,518.0      | 4,521.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 89.87       | 8,964.0               | -227.5       | 4,618.0      | 4,621.8                 | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 90.00           | 89.87       | 8,964.0               | -227.3       | 4,718.0      | 4,721.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 90.00           | 89.87       | 8,964.0               | -227.0       | 4,818.0      | 4,821.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 90.00           | 89.87       | 8,964.0               | -226.8       | 4,918.0      | 4,921.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 90.00           | 89.87       | 8,964.0               | -226.6       | 5,018.0      | 5,021.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 90.00           | 89.87       | 8,964.0               | -226.3       | 5,118.0      | 5,121.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 90.00           | 89.87       | 8,964.0               | -226.1       | 5,218.0      | 5,221.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 90.00           | 89.87       | 8,964.0               | -225.9       | 5,318.0      | 5,321.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 90.00           | 89.87       | 8,964.0               | -225.7       | 5,418.0      | 5,421.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 90.00           | 89.87       | 8,964.0               | -225.4       | 5,518.0      | 5,521.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 90.00           | 89.87       | 8,964.0               | -225.2       | 5,618.0      | 5,621.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 90.00           | 89.87       | 8,964.0               | -225.0       | 5,718.0      | 5,721.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 90.00           | 89.87       | 8,964.0               | -224.7       | 5,818.0      | 5,821.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 90.00           | 89.87       | 8,964.0               | -224.5       | 5,918.0      | 5,921.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,800.0              | 90.00           | 89.87       | 8,964.0               | -224.3       | 6,018.0      | 6,021.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,900.0              | 90.00           | 89.87       | 8,964.0               | -224.1       | 6,118.0      | 6,121.4                 | 0.00                    | 0.00                   | 0.00                  |
| 15,000.0              | 90.00           | 89.87       | 8,964.0               | -223.8       | 6,218.0      | 6,221.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,100.0              | 90.00           | 89.87       | 8,964.0               | -223.6       | 6,318.0      | 6,321.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,200.0              | 90.00           | 89.87       | 8,964.0               | -223.4       | 6,418.0      | 6,421.3                 | 0.00                    | 0.00                   | 0.00                  |
| 15,300.0              | 90.00           | 89.87       | 8,964.0               | -223.2       | 6,518.0      | 6,521.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,400.0              | 90.00           | 89.87       | 8,964.0               | -222.9       | 6,618.0      | 6,621.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,500.0              | 90.00           | 89.87       | 8,964.0               | -222.7       | 6,718.0      | 6,721.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,600.0              | 90.00           | 89.87       | 8,964.0               | -222.5       | 6,818.0      | 6,821.2                 | 0.00                    | 0.00                   | 0.00                  |
| 15,700.0              | 90.00           | 89.87       | 8,964.0               | -222.2       | 6,918.0      | 6,921.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,800.0              | 90.00           | 89.87       | 8,964.0               | -222.0       | 7,018.0      | 7,021.1                 | 0.00                    | 0.00                   | 0.00                  |
| 15,900.0              | 90.00           | 89.87       | 8,964.0               | -221.8       | 7,118.0      | 7,121.1                 | 0.00                    | 0.00                   | 0.00                  |
| 16,000.0              | 90.00           | 89.87       | 8,964.0               | -221.6       | 7,218.0      | 7,221.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,100.0              | 90.00           | 89.87       | 8,964.0               | -221.3       | 7,318.0      | 7,321.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,200.0              | 90.00           | 89.87       | 8,964.0               | -221.1       | 7,418.0      | 7,421.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,300.0              | 90.00           | 89.87       | 8,964.0               | -220.9       | 7,518.0      | 7,521.0                 | 0.00                    | 0.00                   | 0.00                  |
| 16,400.0              | 90.00           | 89.87       | 8,964.0               | -220.7       | 7,618.0      | 7,620.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,500.0              | 90.00           | 89.87       | 8,964.0               | -220.4       | 7,718.0      | 7,720.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,600.0              | 90.00           | 89.87       | 8,964.0               | -220.2       | 7,818.0      | 7,820.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,700.0              | 90.00           | 89.87       | 8,964.0               | -220.0       | 7,918.0      | 7,920.9                 | 0.00                    | 0.00                   | 0.00                  |
| 16,800.0              | 90.00           | 89.87       | 8,964.0               | -219.7       | 8,018.0      | 8,020.8                 | 0.00                    | 0.00                   | 0.00                  |
| 16,900.0              | 90.00           | 89.87       | 8,964.0               | -219.5       | 8,118.0      | 8,120.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,000.0              | 90.00           | 89.87       | 8,964.0               | -219.3       | 8,218.0      | 8,220.8                 | 0.00                    | 0.00                   | 0.00                  |
| 17,100.0              | 90.00           | 89.87       | 8,964.0               | -219.1       | 8,318.0      | 8,320.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,200.0              | 90.00           | 89.87       | 8,964.0               | -218.8       | 8,418.0      | 8,420.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,300.0              | 90.00           | 89.87       | 8,964.0               | -218.6       | 8,518.0      | 8,520.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,400.0              | 90.00           | 89.87       | 8,964.0               | -218.4       | 8,618.0      | 8,620.7                 | 0.00                    | 0.00                   | 0.00                  |
| 17,500.0              | 90.00           | 89.87       | 8,964.0               | -218.2       | 8,718.0      | 8,720.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,600.0              | 90.00           | 89.87       | 8,964.0               | -217.9       | 8,818.0      | 8,820.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,700.0              | 90.00           | 89.87       | 8,964.0               | -217.7       | 8,918.0      | 8,920.6                 | 0.00                    | 0.00                   | 0.00                  |
| 17,800.0              | 90.00           | 89.87       | 8,964.0               | -217.5       | 9,018.0      | 9,020.5                 | 0.00                    | 0.00                   | 0.00                  |
| 17,900.0              | 90.00           | 89.87       | 8,964.0               | -217.2       | 9,118.0      | 9,120.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,000.0              | 90.00           | 89.87       | 8,964.0               | -217.0       | 9,218.0      | 9,220.5                 | 0.00                    | 0.00                   | 0.00                  |
| 18,100.0              | 90.00           | 89.87       | 8,964.0               | -216.8       | 9,318.0      | 9,320.5                 | 0.00                    | 0.00                   | 0.00                  |

## ConocoPhillips

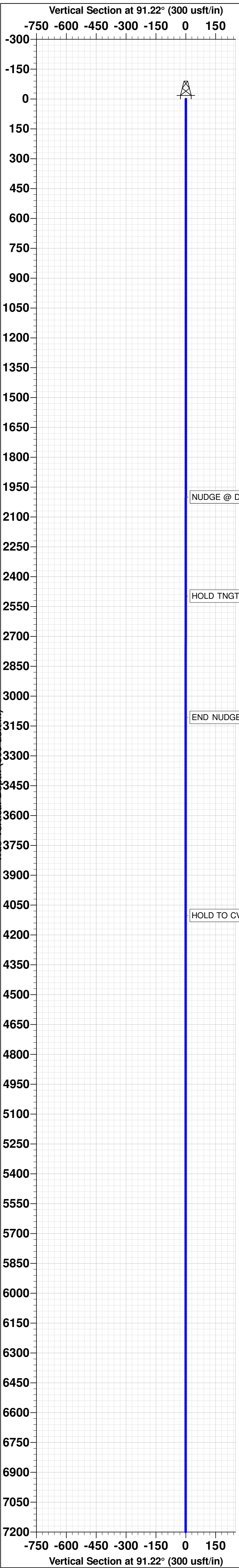
## Planning Report

|                  |                       |                                     |                           |
|------------------|-----------------------|-------------------------------------|---------------------------|
| <b>Database:</b> | EDT 17 Permian Prod   | <b>Local Co-ordinate Reference:</b> | Well MAGELLAN WC FEE 701H |
| <b>Company:</b>  | DELAWARE BASIN WEST   | <b>TVD Reference:</b>               | RKB=32ft @ 3199.0usft     |
| <b>Project:</b>  | EDDY COUNTY _DBW_NM_E | <b>MD Reference:</b>                | RKB=32ft @ 3199.0usft     |
| <b>Site:</b>     | MAGELLAN PROJECT      | <b>North Reference:</b>             | Grid                      |
| <b>Well:</b>     | MAGELLAN WC FEE 701H  | <b>Survey Calculation Method:</b>   | Minimum Curvature         |
| <b>Wellbore:</b> | OWB                   |                                     |                           |
| <b>Design:</b>   | PWP1                  |                                     |                           |

| 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) |  |
| 18,200.0                     | 90.00           | 89.87       | 8,964.0               | -216.6       | 9,418.0      | 9,420.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.0                     | 90.00           | 89.87       | 8,964.0               | -216.3       | 9,518.0      | 9,520.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.0                     | 90.00           | 89.87       | 8,964.0               | -216.1       | 9,618.0      | 9,620.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,500.0                     | 90.00           | 89.87       | 8,964.0               | -215.9       | 9,718.0      | 9,720.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,600.0                     | 90.00           | 89.87       | 8,964.0               | -215.6       | 9,818.0      | 9,820.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,700.0                     | 90.00           | 89.87       | 8,964.0               | -215.4       | 9,918.0      | 9,920.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,800.0                     | 90.00           | 89.87       | 8,964.0               | -215.2       | 10,018.0     | 10,020.3                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,849.4                     | 90.00           | 89.87       | 8,964.0               | -215.1       | 10,067.3     | 10,069.6                | 0.00                    | 0.00                   | 0.00                  |  |
| TD @ 18849.4 MD / 10069.6 VS |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Targets                                                                            |               |              |            |              |              |                 |                |                  |                   |  |
|-------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------------|-------------------|--|
| Target Name                                                                               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |  |
| FTP_MAGELLAN WC F                                                                         | 0.00          | 0.00         | 8,964.0    | -238.0       | 2.4          | 494,034.35      | 535,432.02     | 32° 21' 29.389 N | 104° 13' 6.911 W  |  |
| - plan misses target center by 191.9usft at 8880.8usft MD (8825.8 TVD, -237.7 N, 135.5 E) |               |              |            |              |              |                 |                |                  |                   |  |
| - Circle (radius 50.0)                                                                    |               |              |            |              |              |                 |                |                  |                   |  |
| PBHL_MAGELLAN WC                                                                          | 0.00          | 269.87       | 8,964.0    | -215.1       | 10,067.3     | 494,057.26      | 545,496.95     | 32° 21' 29.494 N | 104° 11' 9.567 W  |  |
| - plan hits target center                                                                 |               |              |            |              |              |                 |                |                  |                   |  |
| - Rectangle (sides W100.0 H10,065.1 D20.0)                                                |               |              |            |              |              |                 |                |                  |                   |  |
| LTP_MAGELLAN WC FI                                                                        | 90.00         | 90.16        | 8,964.0    | -215.7       | 9,937.3      | 494,056.59      | 545,366.95     | 32° 21' 29.489 N | 104° 11' 11.083 W |  |
| - plan misses target center by 0.4usft at 18719.4usft MD (8964.0 TVD, -215.4 N, 9937.3 E) |               |              |            |              |              |                 |                |                  |                   |  |
| - Circle (radius 50.0)                                                                    |               |              |            |              |              |                 |                |                  |                   |  |

| Plan Annotations      |                       |                   |              |                              |  |
|-----------------------|-----------------------|-------------------|--------------|------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                              |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                      |  |
| 2,000.0               | 2,000.0               | 0.0               | 0.0          | NUDGE @ DLS 2.00             |  |
| 2,500.1               | 2,497.5               | -43.5             | -1.1         | HOLD TNGT                    |  |
| 3,118.9               | 3,106.9               | -151.0            | -3.8         | END NUDGE                    |  |
| 4,119.0               | 4,102.0               | -238.0            | -5.9         | HOLD TO CVE KOP              |  |
| 8,503.5               | 8,486.5               | -238.0            | -5.9         | CVE KOP-START DLS 12.00      |  |
| 9,253.5               | 8,964.0               | -236.9            | 471.5        | EOC-HOLD                     |  |
| 18,849.4              | 8,964.0               | -215.1            | 10,067.3     | TD @ 18849.4 MD / 10069.6 VS |  |



|                                    |       |           |           |                  |                  |           |           |          |
|------------------------------------|-------|-----------|-----------|------------------|------------------|-----------|-----------|----------|
| Project: EDDY COUNTY_DBW_NM_E      |       |           |           |                  |                  |           |           |          |
| Site: MAGELLAN PROJECT             |       |           |           |                  |                  |           |           |          |
| Well: MAGELLAN WC FEE 701H         |       |           |           |                  |                  |           |           |          |
| Wellbore: OWB                      |       |           |           |                  |                  |           |           |          |
| Design: PWP1                       |       |           |           |                  |                  |           |           |          |
| GL: 3167.00                        |       |           |           |                  |                  |           |           |          |
| RKB=32ft @ 3199.00usft             |       |           |           |                  |                  |           |           |          |
|                                    |       |           |           |                  |                  |           |           |          |
| WELL DETAILS: MAGELLAN WC FEE 701H |       |           |           |                  |                  |           |           |          |
| +N/-S                              | +E/-W | Northing  | Easting   | Latitude         | Longitude        |           |           |          |
| 0.00                               | 0.00  | 494272.34 | 535429.62 | 32° 21' 31.744 N | 104° 13' 6.936 W |           |           |          |
| DESIGN TARGET DETAILS              |       |           |           |                  |                  |           |           |          |
| Name                               |       |           | TVD       | +N/-S            | +E/-W            | Northing  | Easting   |          |
| FTP_MAGELLAN WC FEE 701H           |       |           | 8964.00   | -237.99          | 2.40             | 494034.35 | 535432.02 |          |
| LTP_MAGELLAN WC FEE 701H           |       |           | 8964.00   | -215.75          | 9937.33          | 494056.59 | 545366.95 |          |
| PBHL_MAGELLAN WC FEE 701H          |       |           | 8964.00   | -215.08          | 10067.33         | 494057.26 | 545496.95 |          |
|                                    |       |           |           |                  |                  |           |           |          |
| SECTION DETAILS                    |       |           |           |                  |                  |           |           |          |
| MD                                 | Inc   | Azi       | TVD       | +N/-S            | +E/-W            | Dleg      | TFace     | VSect    |
| 0.00                               | 0.00  | 0.00      | 0.00      | 0.00             | 0.00             | 0.00      | 0.00      | 0.00     |
| 2000.00                            | 0.00  | 0.00      | 2000.00   | 0.00             | 0.00             | 0.00      | 0.00      | 0.00     |
| 2500.08                            | 10.00 | 181.43    | 2497.54   | -43.52           | -1.09            | 2.00      | 181.43    | -0.16    |
| 3118.86                            | 10.00 | 181.43    | 3106.92   | -150.96          | -3.77            | 0.00      | 0.00      | -0.54    |
| 4119.01                            | 0.00  | 0.00      | 4102.00   | -238.00          | -5.94            | 1.00      | 180.00    | -0.86    |
| 8503.55                            | 0.00  | 0.00      | 8486.54   | -238.00          | -5.94            | 0.00      | 0.00      | -0.86    |
| 9253.55                            | 90.00 | 89.87     | 8964.00   | -236.91          | 471.52           | 12.00     | 89.87     | 476.48   |
| 18849.38                           | 90.00 | 89.87     | 8964.00   | -215.08          | 10067.33         | 0.00      | 0.00      | 10069.63 |

