| C-102 | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br>OIL CONSERVATION DIVISION | Revised July 9, 2024 |
|---|---|---|
| Submit Electronically<br>Via OCD Permitting | | Submittal Type: ☐ Initial Submittal ☐ Amended Report ☑ As Drilled |

**WELL LOCATION INFORMATION**

| API Number | Pool Code | Pool Name |
|---|---|---|
| 30-025-49739 | 31920 | HOBBS; GRAYBURG-SAN ANDRES |

| Property Code | Property Name | Well Number |
|---|---|---|
| 19520 | NORTH HOBBS G/SA UNIT | 965 |

| OGRID No. | Operator Name | Ground Level Elevation |
|---|---|---|
| 157984 | OCCIDENTAL PERMIAN LTD | 3645' |

Surface Owner: ☐ State ☑ Fee ☐ Tribal ☐ Federal

Mineral Owner: ☑ State ☐ Fee ☐ Tribal ☐ Federal

**Surface Location**

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
|---|---|---|---|---|---|---|---|---|---|
| F | 33 | 18S | 38E | | 1488' FNL | 2027' FWL | 32.7070506 | -103.1554341 | LEA |

**Bottom Hole Location**

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
|---|---|---|---|---|---|---|---|---|---|
| H | 33 | 18S | 38E | | 1568' FNL | 1318' FEL | 32.7068441 | -103.1449096 | LEA |

| Dedicated Acres | Infill or Defining Well | Defining Well API | Overlapping Spacing Unit (Y/N) | Consolidation Code |
|---|---|---|---|---|
| 40 | | | | |

Order Numbers. PMX-306

Well setbacks are under Common Ownership: ☐Yes ☐No

**Kick Off Point (KOP)**

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**First Take Point (FTP)**

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

**Last Take Point (LTP)**

| UL | Section | Township | Range | Lot | Ft. from N/S | Ft. from E/W | Latitude | Longitude | County |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

| Unitized Area or Area of Uniform Interest | Spacing Unit Type ☐ Horizontal ☐ Vertical | Ground Floor Elevation: |
|---|---|---|
| NORTH HOBBS G/SA UNIT | | |

OPERATOR CERTIFICATIONS

*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.*

*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.*

Roni Mathew 2/5/2025

Signature Date

RONI MATHEW

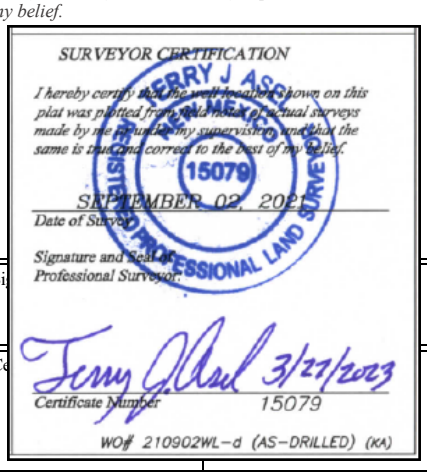
Printed Name

roni_mathew@oxy.com

Email Address

SURVEYOR CERTIFICATIONS

*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.*

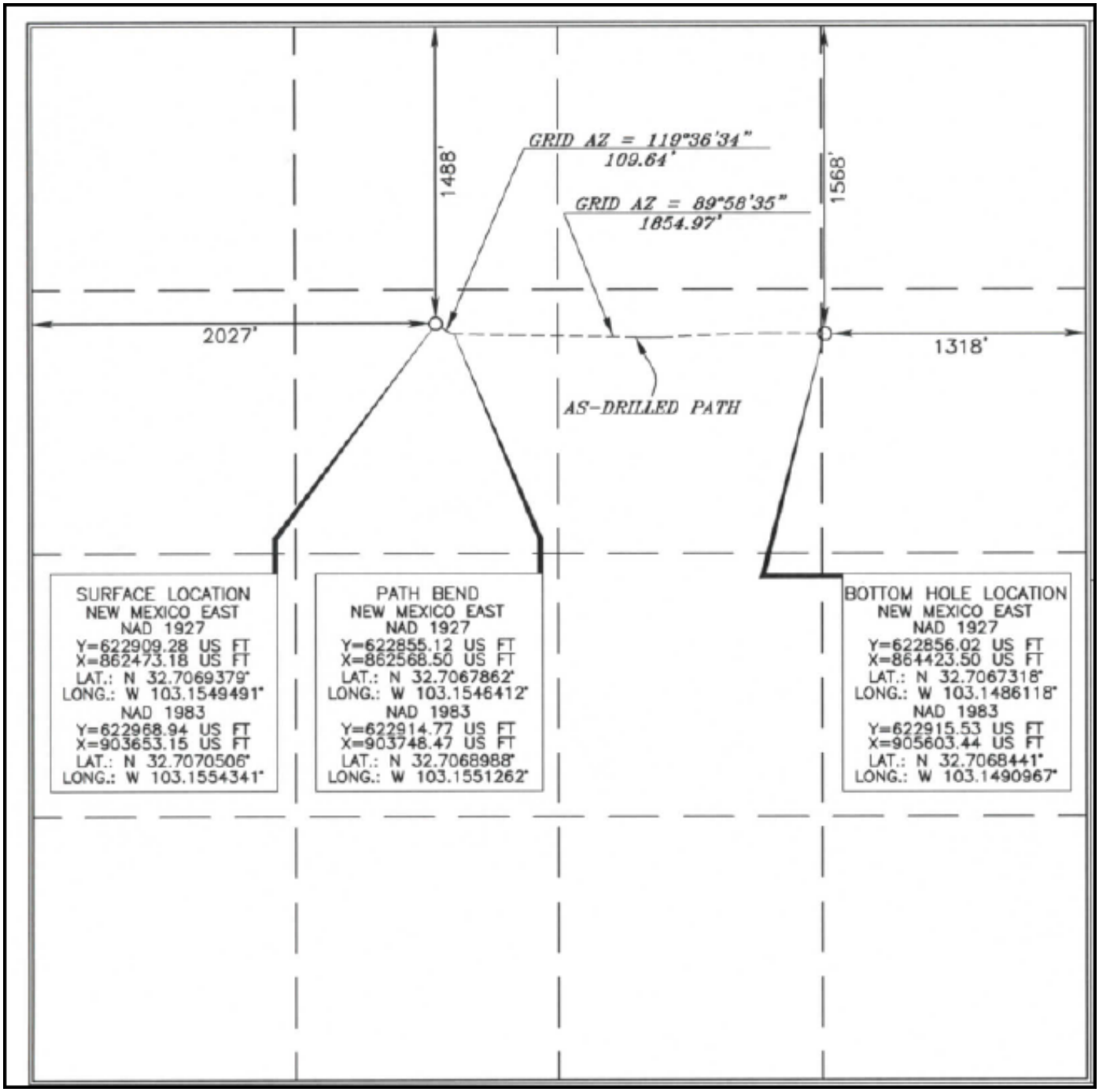



*Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.*

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.



| C-105<br>Submit Electronically<br>Via OCD Permitting | State of New Mexico<br>Energy, Minerals & Natural Resources Department<br>OIL CONSERVATION DIVISION | Revised July 9, 2024 |
|---|---|---|

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

## Section 1 - Operator and Well Information

| | |
|---|---|
| Submittal Type: ☑ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other | |
| Operator Name: OCCIDENTAL PERMIAN LTD | OGRID: 157984 |
| Property Name and Well Number: NORTH HOBBS G/SA UNIT # 965 | Property Code: 19520 |
| Mineral Owner: ☑ State ☐ Fee ☐ Tribal ☐ Federal | API Number: 30-0 25-49739 |
| Pool Name: HOBBS; GRAYBURG-SAN ANDRES | Pool Code: 31920 |

## Section 2 – Well Location

| | Ul or lot no. | Section | Township | Range | Lot Id | Feet from | N/S Line | Feet from | E/W Line | County |
|---|---|---|---|---|---|---|---|---|---|---|
| SHL: | F | 33 | 18S | 38E | | 1488' | FNL | 2027' | FWL | LEA |
| BHL | H | 33 | 18S | 38E | | 1568' | FNL | 1318' | FEL | LEA |

## Section 3 – Completion Information

| | | | |
|---|---|---|---|
| Date T.D. Reached<br>8/2/2022 | Total Measured Depth of Well<br>4952' | Acid Volume (bbls)<br>6500 GALS OF 15% HCL NEFE ACID | ☑Directional Survey Submitted<br>☑Deviation Survey Submitted |
| Date Rig Released<br>8/4/2022 | Plug-Back Measured Depth<br>4890' | Completion Fluid Used (bbls) | Were Logs Ran (Y/N)<br>Y |
| Completion Date<br>8/12/2022 | Perforations (MD and TVD)<br>4688-4802' | Completion Proppant Used (lbs) | List Type of Logs Ran if applicable:<br>CNL, CBL |

## Section 4 – Action IDs for Submissions and Order Numbers

| | |
|---|---|
| Surface Casing Action ID: 324446 | UIC Permit/Order (UIC wells only) ☑Yes ☐No, Order No. PMX-306 |
| Intermediate 1 Casing Action ID: | NOI Recomplete Action ID (if applicable): |
| Intermediate 2 Casing Action ID: | NOI Plugback Action ID (if applicable): |
| Production Casing Action ID: 324446 | Cement Squeeze Action ID (if applicable): 430465 |
| Tubing Action ID: 430446 | All casing was pressure tested in accordance with NMAC ☑Yes ☐No |
| Liner 1 Action ID: | Casing was installed prior to Action ID system (Y/N): N |

## Section 5 – Test Data

| | | | |
|---|---|---|---|
| Date First Production | Production Method | Well Status | Gas – Oil Ratio |
| Date of Test | Choke Size | Flowing Tubing Pressure | Casing Pressure |
| 24 hr Oil (bbls) | 24 hr Gas (MCF) | 24 hr Water (bbls) | Oil Gravity - API |
| Disposition of Gas: | | | |

## Section 6 – Pits

☑ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☑ A Closed Loop System was used.
☑ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT:_____ LONG: _____

## Section 7 - Operator Signature and Certification

☑ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.
☑ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.
☑ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Name RONI MATHEW Roni Mathew

| Title | Date |
|---|---|
| REGULATORY ADVISOR | 2/11/2025 |

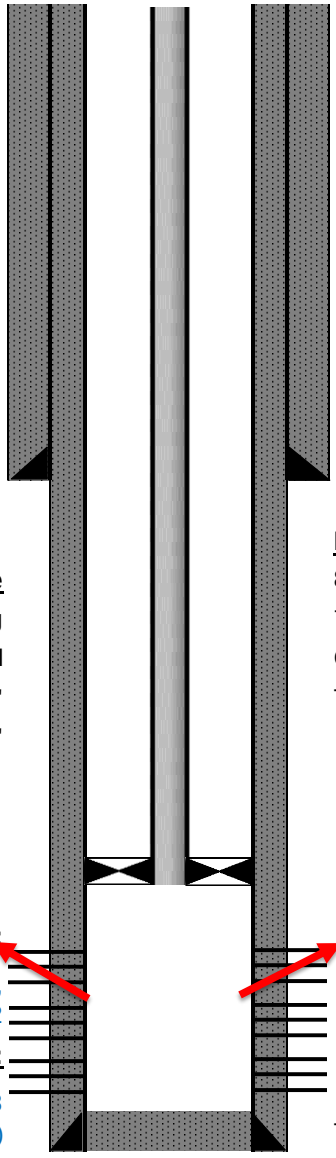
| South Formations | | | |
|---|---|---|---|
| Formation/Zone | MD | TVD | W/O/G |
| T. Anhy | | | |
| T. Salt | 1696 | | |
| B. Salt | | | |
| T. Yates | 2898 | | |
| T. 7 Rivers | 3133 | | |
| T. Queen | 3806 | | |
| T. Grayburg | 4163 | | |
| T. San Andres | 4509 | | |
| T. Glorieta | | | |
| T. Yeso | | | |
| T. Paddock | | | |
| T. Blinebry | | | |
| T.Tubb | | | |
| T. Drinkard | | | |
| T. Abo | | | |
| T. Wolfcamp | | | |
| T. Penn | | | |
| T. Cisco | | | |
| T. Canyon | | | |
| T. Strawn | | | |
| T. Atoka | | | |
| T. Morrow | | | |
| T. Barrnett Shale | | | |
| T. Miss | | | |
| T. Woodford Shale | | | |
| T. Devonian | | | |
| T. Silurian | | | |
| T. Fusselman | | | |
| T. Montoya | | | |
| T. Simpson | | | |
| T. McKee | | | |
| T. Waddell | | | |
| T. Connel | | | |
| T. Ellenburger | | | |
| T. Gr. Wash | | | |
| T. Delaware Sand | | | |
| T. Lamar Lime | | | |
| T. Bell Canyon | | | |
| T. Cherry Canyon | | | |
| T. Brushy Canyon | | | |
| T. Bone Springs | | | |
| T. 1st BS Sand | | | |
| T. 2nd BS Carbonate | | | |
| T. 2nd BS Sand | | | |
| T. 3rd BS Carbonate | | | |
| T. 3rd BS Sand | | | |

| North Formations | | | |
|---|---|---|---|
| Formation/Zone | MD | TVD | W/O/G |
| T. San Jose | | | |
| T. Nacimento | | | |
| T. Ojo Alamo | | | |
| T. Kirtland | | | |
| T. Fruitland | | | |
| T. Pictured Cliffs | | | |
| T. Lewis Shale | | | |
| T. Chacra | | | |
| T. Cliff House | | | |
| T. Menefee | | | |
| T. Point Lookout | | | |
| T. Mancos | | | |
| T. Gallup | | | |
| T. Greenhorn | | | |
| T. Graneros | | | |
| T. Dakota | | | |
| T. Morrison | | | |
| T. Bluff | | | |
| T.Todilto | | | |
| T. Entrada | | | |
| T. Wingate | | | |
| T. Chinle | | | |
| T. Permian | | | |
| T. Penn A" | | | |
| T. Penn. "B" | | | |
| T. Penn. "C" | | | |
| T. Penn. "D" | | | |
| T. Leadville | | | |
| T. Madison | | | |
| T. Elbert | | | |
| T. McCracken | | | |
| T. Ignacio Otzte | | | |
| T. Granite | | | |
| T. Hermosa | | | |
| T. De Chelly | | | |
| T. Pinkerton | | | |

# NHSAU 965-33
# 30-025-49739
# Lea County

**Current Wellbore**

**Active Injector**



**Surface Casing**

13-1/2" Hole Size

9-5/8" 36# Csg @ 1625'

Cemented with 977 sx

TOC @ Surface (Circulated)

**Production Casing**

8-3/4" Hole Size

7.0" 26# Csg @ 4937'

Cemented with 1335 sx

TOC @ Surface (CBL)

**Equipment in the Hole**

2-7/8" L-80 TK15-XT tbg

T-2 On-Off Tool

1.78" F Type Profile Nipple @ 4546'

7.0" x 2-7/8" AS1-X Packer @ 4554'

**Open SA Perforations:**

4688-4702, 4710-22, 4730-42, 4750-62, 4770-82, 4790-4802

**Closed SA Perforations:**

4604-14, 4620-30, 4652-62, 4668-78 (cmt sqz)

PBTD 4890'

TD @ 4952' MD (4324' TVD)

# OXY USA PERMIAN EOR

**Lea County, NM**
**NHU Pad B**
**NHU (G/SA) 33-965**

**OH**

**Design: OH**

# Standard Survey Report

**03 August, 2022**

# Survey Report

| | | | |
|---|---|---|---|
| **Company:** | OXY USA PERMIAN EOR | **Local Co-ordinate Reference:** | Well NHU (G/SA) 33-965 |
| **Project:** | Lea County, NM | **TVD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Site:** | NHU Pad B | **MD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Well:** | NHU (G/SA) 33-965 | **North Reference:** | Grid |
| **Wellbore:** | OH | **Survey Calculation Method:** | Minimum Curvature |
| **Design:** | OH | **Database:** | Well Planning |

**Project** Lea County, NM

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

**Site** NHU Pad B

| | | | | | |
|---|---|---|---|---|---|
| **Site Position:** | | **Northing:** | 622,909.28 usft | **Latitude:** | 32.706938 |
| **From:** | Map | **Easting:** | 862,473.18 usft | **Longitude:** | -103.154949 |
| **Position Uncertainty:** | 0.00 usft | **Slot Radius:** | 13-3/16 " | **Grid Convergence:** | 0.64 ° |

**Well** NHU (G/SA) 33-965

| | | | | | | |
|---|---|---|---|---|---|---|
| **Well Position** | **+N/-S** | 0.00 usft | **Northing:** | 622,909.28 usft | **Latitude:** | 32.706938 |
| | **+E/-W** | 0.00 usft | **Easting:** | 862,473.18 usft | **Longitude:** | -103.154949 |
| **Position Uncertainty** | | 0.00 usft | **Wellhead Elevation:** | usft | **Ground Level:** | 3,645.10 usft |

**Wellbore** OH

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|---|---|---|---|---|---|
| | HRGM | 7/15/2022 | 6.40 | 60.57 | 47,731.65023486 |

**Design** OH

**Audit Notes:**

| | | | | | |
|---|---|---|---|---|---|
| **Version:** | 1.0 | **Phase:** | ACTUAL | **Tie On Depth:** | 0.00 |

| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
|---|---|---|---|---|
| | 0.00 | 0.00 | 0.00 | 92.23 |

**Survey Program** **Date** 8/3/2022

| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description |
|---|---|---|---|---|
| 164.00 | 4,875.00 | Survey #1 (OH) | B001Mb_MWD+HRGM | OWSG MWD + HRGM |
| 4,952.00 | 4,952.00 | Survey #2 (OH) | Project | Projection |

**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) |
|---|---|---|---|---|---|---|---|---|---|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 164.00 | 0.22 | 273.91 | 164.00 | 0.02 | -0.31 | -0.31 | 0.13 | 0.13 | 0.00 |
| 223.00 | 0.48 | 287.71 | 223.00 | 0.10 | -0.66 | -0.67 | 0.46 | 0.44 | 23.39 |
| 283.00 | 0.84 | 289.30 | 282.99 | 0.33 | -1.32 | -1.33 | 0.60 | 0.60 | 2.65 |
| 344.00 | 0.92 | 280.86 | 343.99 | 0.57 | -2.22 | -2.24 | 0.25 | 0.13 | -13.84 |
| 469.00 | 0.92 | 297.29 | 468.97 | 1.22 | -4.10 | -4.14 | 0.21 | 0.00 | 13.14 |
| 530.00 | 0.84 | 301.78 | 529.96 | 1.68 | -4.91 | -4.97 | 0.17 | -0.13 | 7.36 |
| 591.00 | 1.32 | 277.87 | 590.95 | 2.01 | -5.99 | -6.06 | 1.06 | 0.79 | -39.20 |
| 652.00 | 2.37 | 264.07 | 651.92 | 1.97 | -7.94 | -8.01 | 1.86 | 1.72 | -22.62 |
| 712.00 | 3.25 | 264.69 | 711.85 | 1.69 | -10.87 | -10.92 | 1.47 | 1.47 | 1.03 |

# Survey Report

| | | | |
|---|---|---|---|
| **Company:** | OXY USA PERMIAN EOR | **Local Co-ordinate Reference:** | Well NHU (G/SA) 33-965 |
| **Project:** | Lea County, NM | **TVD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Site:** | NHU Pad B | **MD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Well:** | NHU (G/SA) 33-965 | **North Reference:** | Grid |
| **Wellbore:** | OH | **Survey Calculation Method:** | Minimum Curvature |
| **Design:** | OH | **Database:** | Well Planning |

**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) |
|---|---|---|---|---|---|---|---|---|---|
| 773.00 | 4.28 | 259.94 | 772.72 | 1.13 | -14.83 | -14.86 | 1.76 | 1.69 | -7.79 |
| 834.00 | 5.66 | 257.26 | 833.49 | 0.07 | -20.01 | -19.99 | 2.29 | 2.26 | -4.39 |
| 894.00 | 3.99 | 249.76 | 893.27 | -1.31 | -24.85 | -24.78 | 2.97 | -2.78 | -12.50 |
| 954.00 | 4.90 | 233.15 | 953.09 | -3.57 | -28.86 | -28.70 | 2.61 | 1.52 | -27.68 |
| 1,014.00 | 4.82 | 214.32 | 1,012.88 | -7.18 | -32.33 | -32.03 | 2.65 | -0.13 | -31.38 |
| 1,074.00 | 4.75 | 194.64 | 1,072.68 | -11.67 | -34.38 | -33.90 | 2.73 | -0.12 | -32.80 |
| 1,138.00 | 5.42 | 167.01 | 1,136.43 | -17.18 | -34.37 | -33.68 | 3.92 | 1.05 | -43.17 |
| 1,201.00 | 5.72 | 145.75 | 1,199.14 | -22.67 | -31.94 | -31.03 | 3.29 | 0.48 | -33.75 |
| 1,264.00 | 7.13 | 131.80 | 1,261.75 | -27.88 | -27.25 | -26.15 | 3.32 | 2.24 | -22.14 |
| 1,327.00 | 9.05 | 120.02 | 1,324.12 | -32.96 | -20.05 | -18.75 | 4.01 | 3.05 | -18.70 |
| 1,389.00 | 11.07 | 110.60 | 1,385.17 | -37.50 | -10.25 | -8.78 | 4.19 | 3.26 | -15.19 |
| 1,452.00 | 13.35 | 104.15 | 1,446.74 | -41.40 | 2.46 | 4.07 | 4.21 | 3.62 | -10.24 |
| 1,515.00 | 15.43 | 96.70 | 1,507.77 | -44.16 | 17.84 | 19.55 | 4.41 | 3.30 | -11.83 |
| 1,638.00 | 17.76 | 97.61 | 1,625.64 | -48.55 | 52.69 | 54.54 | 1.91 | 1.89 | 0.74 |
| 1,701.00 | 20.00 | 97.69 | 1,685.25 | -51.27 | 72.90 | 74.84 | 3.56 | 3.56 | 0.13 |
| 1,764.00 | 22.07 | 97.08 | 1,744.04 | -54.17 | 95.32 | 97.36 | 3.30 | 3.29 | -0.97 |
| 1,828.00 | 23.52 | 93.04 | 1,803.05 | -56.33 | 120.01 | 122.11 | 3.33 | 2.27 | -6.31 |
| 1,891.00 | 25.10 | 88.20 | 1,860.47 | -56.58 | 145.92 | 148.01 | 4.03 | 2.51 | -7.68 |
| 1,954.00 | 26.33 | 87.23 | 1,917.23 | -55.48 | 173.23 | 175.26 | 2.06 | 1.95 | -1.54 |
| 2,017.00 | 27.25 | 86.53 | 1,973.46 | -53.93 | 201.59 | 203.53 | 1.54 | 1.46 | -1.11 |
| 2,080.00 | 28.97 | 88.55 | 2,029.03 | -52.67 | 231.24 | 233.11 | 3.12 | 2.73 | 3.21 |
| 2,145.00 | 30.33 | 91.10 | 2,085.52 | -52.59 | 263.39 | 265.23 | 2.85 | 2.09 | 3.92 |
| 2,208.00 | 31.96 | 93.04 | 2,139.44 | -53.78 | 295.94 | 297.81 | 3.04 | 2.59 | 3.08 |
| 2,271.00 | 33.80 | 93.12 | 2,192.35 | -55.62 | 330.09 | 332.01 | 2.92 | 2.92 | 0.13 |
| 2,334.00 | 35.87 | 93.65 | 2,244.05 | -57.75 | 366.02 | 367.99 | 3.32 | 3.29 | 0.84 |
| 2,397.00 | 37.54 | 93.65 | 2,294.56 | -60.14 | 403.59 | 405.63 | 2.65 | 2.65 | 0.00 |
| 2,460.00 | 38.20 | 93.91 | 2,344.29 | -62.69 | 442.18 | 444.29 | 1.08 | 1.05 | 0.41 |
| 2,523.00 | 38.68 | 93.91 | 2,393.64 | -65.36 | 481.26 | 483.44 | 0.76 | 0.76 | 0.00 |
| 2,586.00 | 39.08 | 94.44 | 2,442.68 | -68.24 | 520.70 | 522.96 | 0.83 | 0.63 | 0.84 |
| 2,649.00 | 39.82 | 92.68 | 2,491.33 | -70.73 | 560.65 | 562.97 | 2.13 | 1.17 | -2.79 |
| 2,775.00 | 38.46 | 92.42 | 2,589.05 | -74.27 | 640.10 | 642.50 | 1.09 | -1.08 | -0.21 |
| 2,837.00 | 38.51 | 92.42 | 2,637.58 | -75.90 | 678.65 | 681.09 | 0.08 | 0.08 | 0.00 |
| 2,962.00 | 38.55 | 91.10 | 2,735.37 | -78.29 | 756.47 | 758.95 | 0.66 | 0.03 | -1.06 |
| 3,025.00 | 38.51 | 90.93 | 2,784.66 | -78.98 | 795.71 | 798.18 | 0.18 | -0.06 | -0.27 |
| 3,088.00 | 38.59 | 90.93 | 2,833.93 | -79.62 | 834.97 | 837.43 | 0.13 | 0.13 | 0.00 |
| 3,151.00 | 38.68 | 91.01 | 2,883.14 | -80.28 | 874.30 | 876.76 | 0.16 | 0.14 | 0.13 |
| 3,214.00 | 38.64 | 87.67 | 2,932.34 | -79.83 | 913.64 | 916.05 | 3.31 | -0.06 | -5.30 |
| 3,340.00 | 38.37 | 87.41 | 3,030.94 | -76.47 | 992.01 | 994.23 | 0.25 | -0.21 | -0.21 |
| 3,467.00 | 37.89 | 87.23 | 3,130.84 | -72.80 | 1,070.34 | 1,072.36 | 0.39 | -0.38 | -0.14 |
| 3,529.00 | 37.71 | 86.80 | 3,179.83 | -70.82 | 1,108.29 | 1,110.20 | 0.51 | -0.29 | -0.69 |
| 3,592.00 | 37.32 | 86.97 | 3,229.80 | -68.74 | 1,146.60 | 1,148.40 | 0.64 | -0.62 | 0.27 |
| 3,655.00 | 37.10 | 86.80 | 3,279.97 | -66.67 | 1,184.64 | 1,186.34 | 0.39 | -0.35 | -0.27 |
| 3,718.00 | 36.31 | 87.06 | 3,330.48 | -64.65 | 1,222.24 | 1,223.83 | 1.28 | -1.25 | 0.41 |

# Survey Report

| | | | |
|---|---|---|---|
| **Company:** | OXY USA PERMIAN EOR | **Local Co-ordinate Reference:** | Well NHU (G/SA) 33-965 |
| **Project:** | Lea County, NM | **TVD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Site:** | NHU Pad B | **MD Reference:** | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| **Well:** | NHU (G/SA) 33-965 | **North Reference:** | Grid |
| **Wellbore:** | OH | **Survey Calculation Method:** | Minimum Curvature |
| **Design:** | OH | **Database:** | Well Planning |

**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) |
|---|---|---|---|---|---|---|---|---|---|
| 3,781.00 | 35.03 | 86.53 | 3,381.66 | -62.60 | 1,258.92 | 1,260.40 | 2.09 | -2.03 | -0.84 |
| 3,843.00 | 33.98 | 85.92 | 3,432.75 | -60.29 | 1,293.96 | 1,295.33 | 1.78 | -1.69 | -0.98 |
| 3,969.00 | 33.67 | 88.55 | 3,537.43 | -56.90 | 1,364.00 | 1,365.18 | 1.19 | -0.25 | 2.09 |
| 4,032.00 | 33.27 | 88.29 | 3,589.99 | -55.94 | 1,398.73 | 1,399.85 | 0.67 | -0.63 | -0.41 |
| 4,095.00 | 33.05 | 88.03 | 3,642.73 | -54.83 | 1,433.18 | 1,434.22 | 0.42 | -0.35 | -0.41 |
| 4,158.00 | 32.79 | 87.94 | 3,695.61 | -53.63 | 1,467.39 | 1,468.37 | 0.42 | -0.41 | -0.14 |
| 4,221.00 | 31.87 | 89.17 | 3,748.84 | -52.78 | 1,501.07 | 1,501.99 | 1.80 | -1.46 | 1.95 |
| 4,283.00 | 32.18 | 89.26 | 3,801.41 | -52.33 | 1,533.95 | 1,534.82 | 0.51 | 0.50 | 0.15 |
| 4,409.00 | 36.35 | 90.93 | 3,905.52 | -52.50 | 1,604.87 | 1,605.69 | 3.39 | 3.31 | 1.33 |
| 4,471.00 | 36.90 | 91.05 | 3,955.28 | -53.14 | 1,641.85 | 1,642.67 | 0.89 | 0.89 | 0.19 |
| 4,534.00 | 37.57 | 90.74 | 4,005.44 | -53.73 | 1,679.96 | 1,680.78 | 1.10 | 1.06 | -0.49 |
| 4,597.00 | 38.35 | 90.39 | 4,055.11 | -54.11 | 1,718.71 | 1,719.52 | 1.28 | 1.24 | -0.56 |
| 4,660.00 | 39.12 | 89.92 | 4,104.25 | -54.22 | 1,758.13 | 1,758.91 | 1.31 | 1.22 | -0.75 |
| 4,723.00 | 40.02 | 89.93 | 4,152.81 | -54.17 | 1,798.27 | 1,799.01 | 1.43 | 1.43 | 0.02 |
| 4,786.00 | 41.13 | 89.71 | 4,200.66 | -54.04 | 1,839.24 | 1,839.95 | 1.78 | 1.76 | -0.35 |
| 4,849.00 | 41.96 | 89.77 | 4,247.82 | -53.85 | 1,881.02 | 1,881.69 | 1.32 | 1.32 | 0.10 |
| 4,875.00 | 42.30 | 89.62 | 4,267.10 | -53.76 | 1,898.46 | 1,899.12 | 1.36 | 1.31 | -0.58 |
| 4,952.00 | 42.30 | 89.62 | 4,324.05 | -53.41 | 1,950.29 | 1,950.89 | 0.00 | 0.00 | 0.00 |

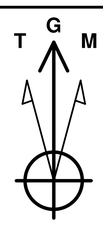
Checked By: _____ Approved By: _____ Date: _____

| | |
|---|---|
| Project: | Lea County, NM |
| Site: | NHU Pad B |
| Well: | NHU (G/SA) 33-965 |
| Depth Reference: | 3645.1+16.5 @ 3661.60usft (Trinidad 446) |
| SHL Northing: | 622909.28 |
| SHL Easting: | 862473.18 |
| Rig: | Trinidad 446 |
| Plan: | Plan: Plan #4 (NHU (G/SA) 33-965/OH) |

SCOUT DRILLING TECHNOLOGIES

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---|---|---|
| 1681.60 | 1696.51 | SALT |
| 2691.60 | 2905.90 | Yates |
| 2901.60 | 3172.39 | Seven Rivers |
| 3411.60 | 3819.59 | Queen |
| 3611.60 | 4073.40 | Grayburg |
| 3986.60 | 4546.97 | San Andreas Z1 |
| 4341.60 | 4952.41 | San Andreas Z3 |




Azimuths to Grid North
True North: -0.64°
Magnetic North: 5.76°

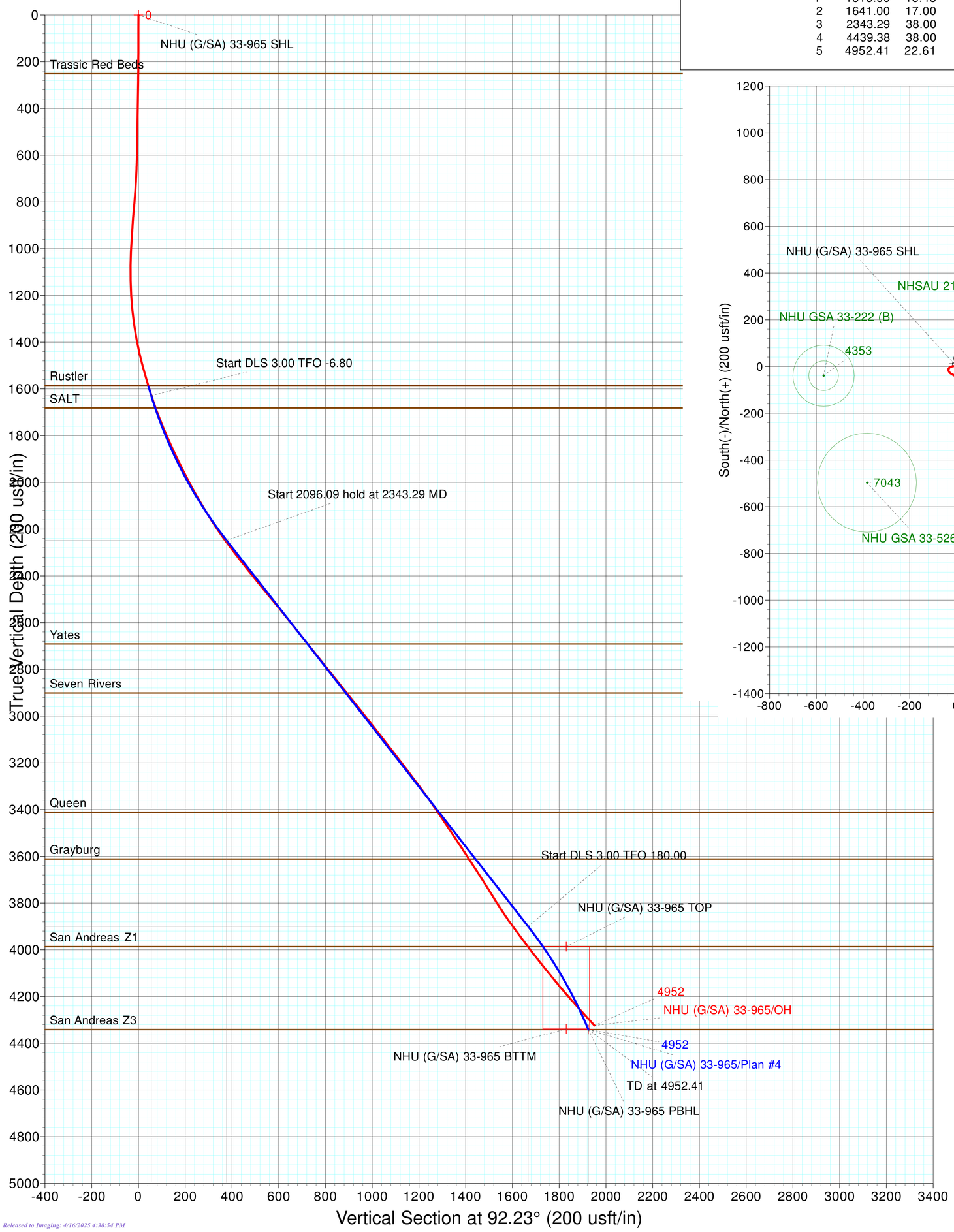
Magnetic Field
Strength: 47731.7snT
Dip Angle: 60.57°
Date: 7/15/2022
Model: HRGM

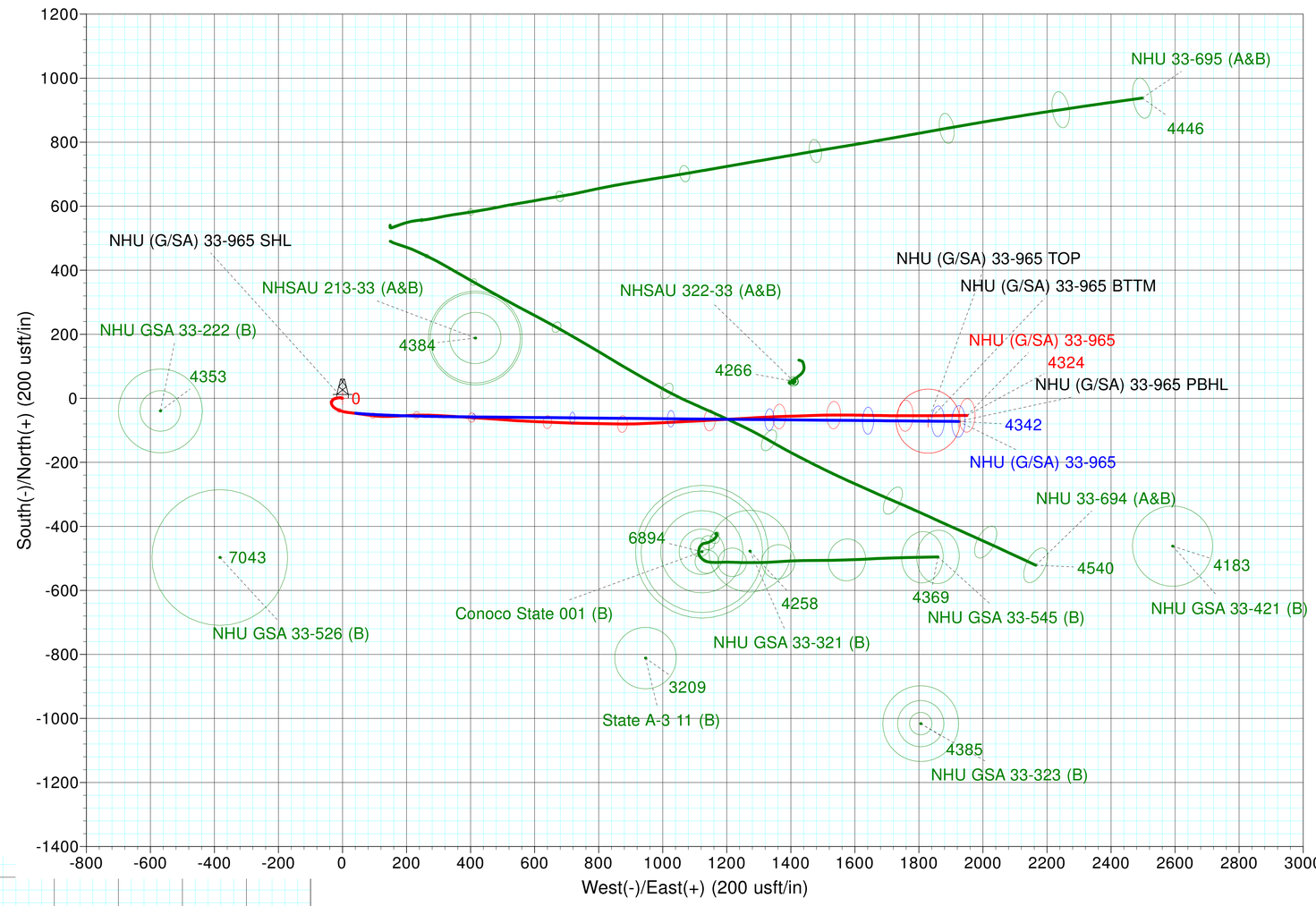
DESIGN TARGET DETAILS

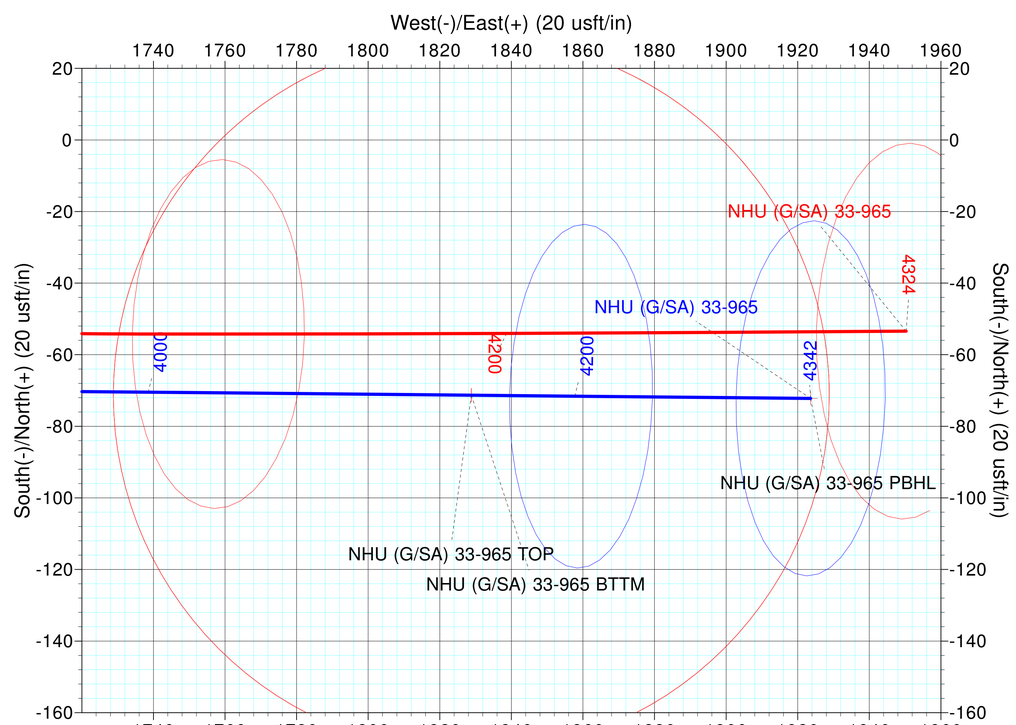
| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|---|---|---|---|---|---|---|---|
| NHU (G/SA) 33-965 SHL | 0.00 | 0.00 | 0.00 | 622909.28 | 862473.18 | 32.706938 | -103.154949 |
| NHU (G/SA) 33-965 TOP | 3986.60 | -71.28 | 1828.82 | 622838.00 | 864302.00 | 32.706686 | -103.149007 |
| NHU (G/SA) 33-965 BTTM | 4338.60 | -71.28 | 1828.82 | 622838.00 | 864302.00 | 32.706686 | -103.149007 |
| NHU (G/SA) 33-965 PBHL | 4341.60 | -72.18 | 1923.61 | 622837.10 | 864396.79 | 32.706681 | -103.148699 |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Annotation |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1515.00 | 15.43 | 96.70 | 1507.77 | -44.19 | 17.92 | 0.00 | 0.00 | 19.63 | Start DLS 1.34 TFO -22.43 |
| 2 | 1641.00 | 17.00 | 94.50 | 1628.75 | -47.60 | 52.93 | 1.34 | -22.43 | 54.75 | Start DLS 3.00 TFO -6.80 |
| 3 | 2343.29 | 38.00 | 90.53 | 2248.26 | -57.78 | 375.10 | 3.00 | -6.80 | 377.06 | Start 2096.09 hold at 2343.29 MD |
| 4 | 4439.38 | 38.00 | 90.53 | 3900.00 | -69.78 | 1665.52 | 0.00 | 0.00 | 1666.98 | Start DLS 3.00 TFO 180.00 |
| 5 | 4952.41 | 22.61 | 90.53 | 4341.60 | -72.18 | 1923.61 | 3.00 | 180.00 | 1924.96 | TD at 4952.41 |



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

General Information
Phone: (505) 629-6116

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

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984 |
| | Action Number:<br>430619 |
| | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

**ACKNOWLEDGMENTS**

| | |
|---|---|
| ☑ | I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion. |
| ☑ | I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion. |
| ☑ | I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. |

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# State of New Mexico
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## CONDITIONS

| | |
|---|---|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984 |
| | Action Number:<br>430619 |
| | Action Type:<br>[C-105] Well (Re)Completion (C-105) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| dmcclure | None | 4/16/2025 |