

|                                          |                                                                           |                                      |
|------------------------------------------|---------------------------------------------------------------------------|--------------------------------------|
| Well Name: TACO CAT 27-34<br>FEDERAL COM | Well Location: T22S / R32E / SEC 27 /<br>NENE / 32.3684937 / -103.6582584 | County or Parish/State: EDDY /<br>NM |
| Well Number: 24H                         | Type of Well: OIL WELL                                                    | Allottee or Tribe Name:              |
| Lease Number: NMNM081272,<br>NMNM81272   | Unit or CA Name:                                                          | Unit or CA Number:                   |
| US Well Number: 3002546949               | Well Status: Approved Application for<br>Permit to Drill                  | Operator: OXY USA<br>INCORPORATED    |

Notice of Intent

Sundry ID: 2503009

|                                                |                              |
|------------------------------------------------|------------------------------|
| Type of Submission: Notice of Intent           | Type of Action: Other        |
| Date Sundry Submitted: 08/02/2021              | Time Sundry Submitted: 01:01 |
| Date proposed operation will begin: 09/15/2021 |                              |

**Procedure Description:** OXY USA Inc. respectfully requests approval to amend the casing, cement, and mud programs in the APD for the subject well. Also note the downhole wellbore points have moved, but the surface hole remains the same. Attached is the updated drill plan, directional plan/plot, and drill path. In addition, OXY USA Inc. is sending notice of an update to the horizontal spacing unit (HSU) and dedicated acreage. The well recently received approval from the NMOCD for a non-standard horizontal spacing unit in the Taco Cat development area. This sundry is being filed to provide updates to the approved APD. Attached is the updated C-102 Plat.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- TacoCat27\_34FdCom24H\_DrillPlan8.19.21\_20210819083950.pdf
- TacoCat27\_34FdCom24H\_C102\_NSHSU\_7.27.21\_20210802125834.pdf
- TacoCat27\_34FdCom24H\_Loc\_20210611062922.pdf
- TacoCat27\_34FdCom24H\_DirectPlot\_20210611062920.pdf
- TacoCat27\_34FdCom24H\_DirectPlan\_20210611062918.pdf

|                                                 |                                                                                  |                                             |
|-------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|
| <b>Well Name:</b> TACO CAT 27-34<br>FEDERAL COM | <b>Well Location:</b> T22S / R32E / SEC 27 /<br>NENE / 32.3684937 / -103.6582584 | <b>County or Parish/State:</b> EDDY /<br>NM |
| <b>Well Number:</b> 24H                         | <b>Type of Well:</b> OIL WELL                                                    | <b>Allottee or Tribe Name:</b>              |
| <b>Lease Number:</b> NMNM081272,<br>NMNM81272   | <b>Unit or CA Name:</b>                                                          | <b>Unit or CA Number:</b>                   |
| <b>US Well Number:</b> 3002546949               | <b>Well Status:</b> Approved Application for<br>Permit to Drill                  | <b>Operator:</b> OXY USA<br>INCORPORATED    |

Conditions of Approval

Additional Reviews

Taco\_Cat\_27\_34\_Federal\_Com\_25H\_DrillingCOA\_Sundry\_2503010\_20210827073528.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

|                                                    |                                         |
|----------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> RONI MATHEW  | <b>Signed on:</b> AUG 19, 2021 08:39 AM |
| <b>Name:</b> OXY USA INCORPORATED                  |                                         |
| <b>Title:</b> REGULATORY SPECIALIST                |                                         |
| <b>Street Address:</b> 5 Greenway Plaza, Suite 110 |                                         |
| <b>City:</b> Houston                               | <b>State:</b> TX                        |
| <b>Phone:</b> (713) 215-7827                       |                                         |
| <b>Email address:</b> RONI_MATHEW@OXY.COM          |                                         |

Field Representative

|                                             |                  |                   |
|---------------------------------------------|------------------|-------------------|
| <b>Representative Name:</b> JIM WILSON      |                  |                   |
| <b>Street Address:</b> 6001 DEAUVILLE BLVD. |                  |                   |
| <b>City:</b> MIDLAND                        | <b>State:</b> TX | <b>Zip:</b> 79710 |
| <b>Phone:</b> (575)631-2442                 |                  |                   |
| <b>Email address:</b> JIM_WILSON@OXY.COM    |                  |                   |

BLM Point of Contact

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| <b>BLM POC Name:</b> CHRISTOPHER WALLS | <b>BLM POC Title:</b> Petroleum Engineer     |
| <b>BLM POC Phone:</b> 5752342234       | <b>BLM POC Email Address:</b> cwalls@blm.gov |
| <b>Disposition:</b> Approved           | <b>Disposition Date:</b> 09/02/2021          |
| <b>Signature:</b> Chris Walls          |                                              |

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                               |                                    |
|----------------------------|-----------------------------------------------|------------------------------------|
| API Number<br>30-025-46949 | Pool Code<br>51683                            | Pool Name<br>RED TANK, BONE SPRING |
| Property Code<br>321612    | Property Name<br>TACO CAT "27_34" FEDERAL COM | Well Number<br>24H                 |
| OGRID No.<br>16696         | Operator Name<br>OXY USA INC.                 | Elevation<br>3652.6'               |

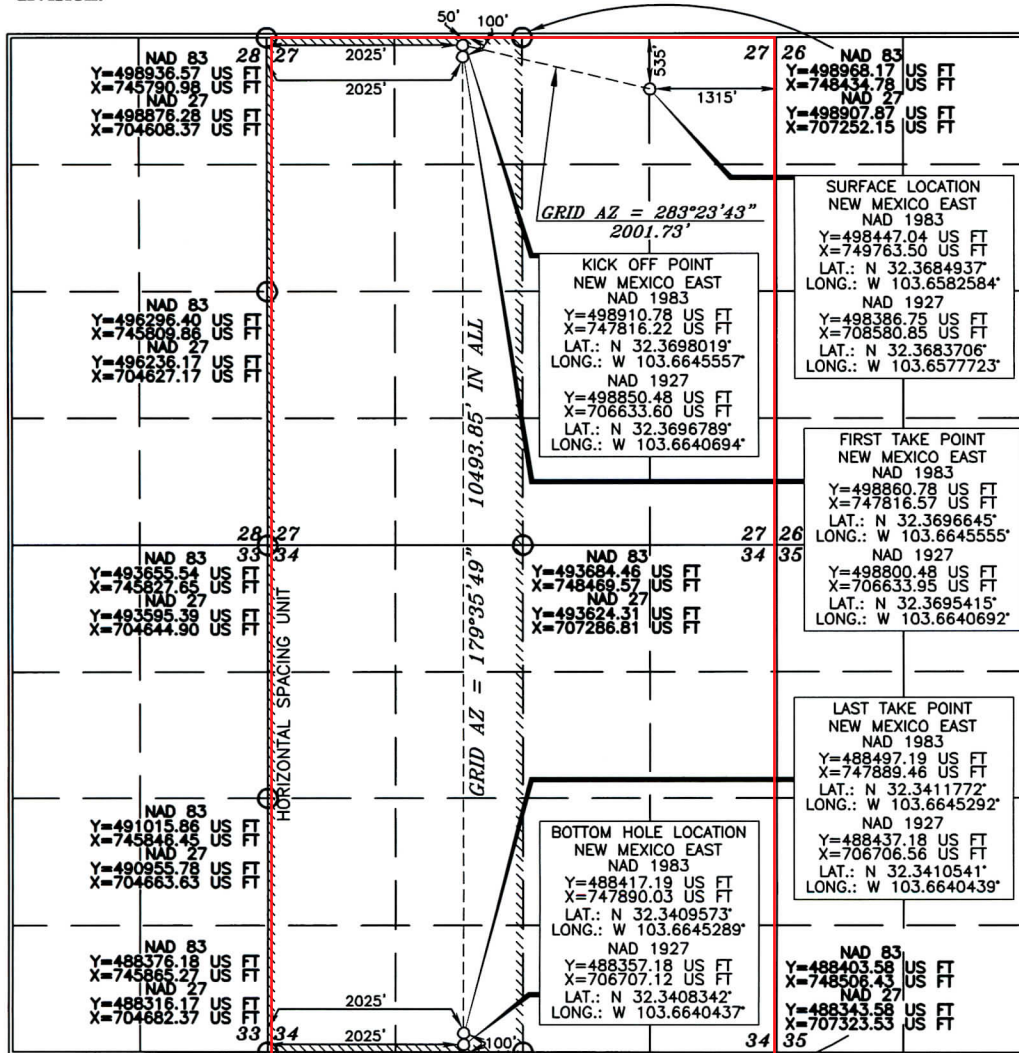
**Surface Location**

| UL or lot no. | Section | Township | Range             | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| A             | 27      | 22 SOUTH | 32 EAST, N.M.P.M. |         | 535'          | NORTH            | 1315'         | EAST           | LEA    |

**Bottom Hole Location If Different From Surface**

| UL or lot no.           | Section         | Township           | Range                | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-------------------------|-----------------|--------------------|----------------------|---------|---------------|------------------|---------------|----------------|--------|
| N                       | 34              | 22 SOUTH           | 32 EAST, N.M.P.M.    |         | 20'           | SOUTH            | 2025'         | WEST           | LEA    |
| Dedicated Acres<br>1280 | Joint or Infill | Consolidation Code | Order No.<br>R-21777 |         |               |                  |               |                |        |

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.



**OPERATOR CERTIFICATION**

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

*Roni Mathew* 7/26/2021  
Signature Date

RONI MATHEW

Printed Name  
roni\_mathew@oxy.com  
E-mail Address

**SURVEYOR CERTIFICATION**

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

*Terry J. Asch* 15079  
Date of Survey

Signature and Seal of Professional Surveyor

*Terry J. Asch* 3/11/2021  
Certificate Number 15079

WO# 181030WL-c (Rev. C) (KA)

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

|                         |                                    |
|-------------------------|------------------------------------|
| <b>OPERATOR'S NAME:</b> | Oxy USA Incorporated               |
| <b>LEASE NO.:</b>       | NMNM081272                         |
| <b>LOCATION:</b>        | Section 27, T.22 S., R.32 E., NMPM |
| <b>COUNTY:</b>          | Lea County, New Mexico             |

|                              |                                |
|------------------------------|--------------------------------|
| <b>WELL NAME &amp; NO.:</b>  | Taco Cat 27-34 Federal Com 24H |
| <b>SURFACE HOLE FOOTAGE:</b> | 535'/N & 1315'/E               |
| <b>BOTTOM HOLE FOOTAGE:</b>  | 20'/S & 2025'/E                |

|                              |                                |
|------------------------------|--------------------------------|
| <b>WELL NAME &amp; NO.:</b>  | Taco Cat 27-34 Federal Com 25H |
| <b>SURFACE HOLE FOOTAGE:</b> | 535'/N & 1285'/E               |
| <b>BOTTOM HOLE FOOTAGE:</b>  | 20'/S & 1640'/E                |

COA

|                      |                                         |                                                    |                                       |
|----------------------|-----------------------------------------|----------------------------------------------------|---------------------------------------|
| H2S                  | <input type="radio"/> Yes               | <input checked="" type="radio"/> No                |                                       |
| Potash               | <input checked="" type="radio"/> None   | <input type="radio"/> Secretary                    | <input type="radio"/> R-111-P         |
| Cave/Karst Potential | <input checked="" type="radio"/> Low    | <input type="radio"/> Medium                       | <input type="radio"/> High            |
| Cave/Karst Potential | <input type="radio"/> Critical          |                                                    |                                       |
| Variance             | <input type="radio"/> None              | <input checked="" type="radio"/> Flex Hose         | <input type="radio"/> Other           |
| Wellhead             | <input type="radio"/> Conventional      | <input type="radio"/> Multibowl                    | <input checked="" type="radio"/> Both |
| Other                | <input type="checkbox"/> 4 String Area  | <input type="checkbox"/> Capitan Reef              | <input type="checkbox"/> WIPP         |
| Other                | <input type="checkbox"/> Fluid Filled   | <input checked="" type="checkbox"/> Cement Squeeze | <input type="checkbox"/> Pilot Hole   |
| Special Requirements | <input type="checkbox"/> Water Disposal | <input checked="" type="checkbox"/> COM            | <input type="checkbox"/> Unit         |

**ALL PREVIOUS COAs STILL APPLY.**

### A. PRESSURE CONTROL

- Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 

#### Option 1:

- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **3000 (3M)** psi.

- b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **5000 (5M)** psi.

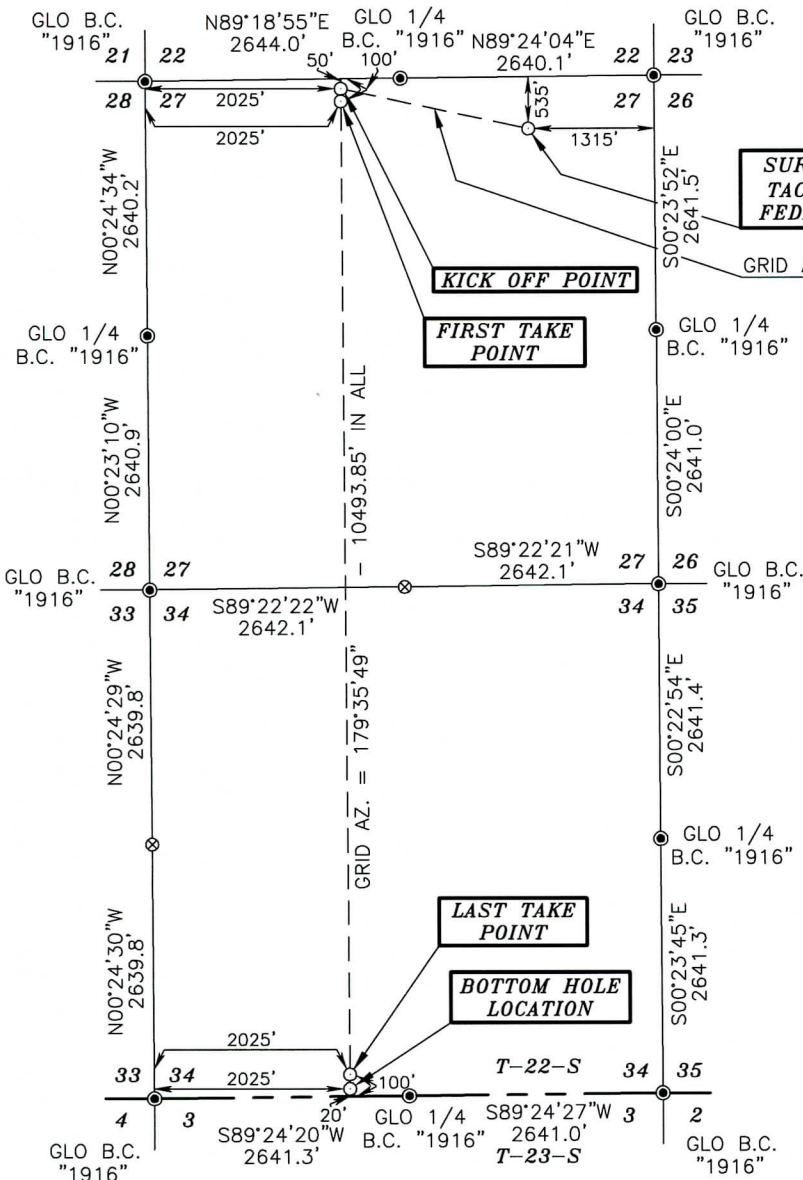
**Option 2:**

1. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

**NMK08262021**



SECTIONS 27 & 34, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY NEW MEXICO



DRIVING DIRECTIONS:  
BEGINNING AT THE INTERSECTION OF HWY. #128 AND COUNTY ROAD #798 (RED ROAD), GO NORTH ON COUNTY ROAD #798 FOR 7.3 MILES, TURN RIGHT AND GO NORTHEAST ON CALICHE ROAD FOR 2.7 MILES, CONTINUE EAST/SOUTHEAST FOR 2.5 MILES, TURN RIGHT AND GO SOUTHEAST FOR 1.5 MILES, TURN LEFT AND GO EAST FOR 0.3 MILES, TURN LEFT AND GO NORTH FOR 0.2 MILES, TURN LEFT AND GO NORTHWEST FOR 0.1 MILES, TURN RIGHT AND GO NORTH FOR 0.5 MILES, TURN LEFT ON PROPOSED ROAD AND GO WEST FOR 101.5 FEET TO LOCATION.



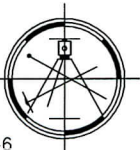
SURVEYORS CERTIFICATE

I, TERRY J. ASEL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 15079, DO HEREBY CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND MEETS THE "MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO" AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS.

*Terry J. Asel* 3/11/2021  
Terry J. Asel N.M. R.P.L.S. No. 15079

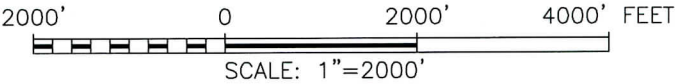
Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR  
HOBBS, NEW MEXICO - 575-393-9146



LEGEND

- - DENOTES FOUND MONUMENT AS NOTED
- ⊗ - DENOTES CALCULATED CORNER



OXY USA INC.



TACO CAT "27\_34" FEDERAL COM #24H  
LOCATED AT 535' FNL & 1315' FEL IN  
SECTION 27, TOWNSHIP 22 SOUTH, RANGE 32  
EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

|                                  |                            |
|----------------------------------|----------------------------|
| Survey Date: 05/21/19            | Sheet 1 of 1 Sheets        |
| W.O. Number: 181030WL-c (Rev. C) | Drawn By: KA Rev: C        |
| Date: 03/09/21                   | 181030WL-c Scale: 1"=2000' |

# Oxy USA Inc. - Taco Cat 27\_34 Federal Com 24H

## Drill Plan

### 1. Geologic Formations

#### Delaware Basin

| Formation       | MD-RKB (ft) | TVD-RKB (ft) | Expected Fluids |
|-----------------|-------------|--------------|-----------------|
| Rustler         | 853         | 853          |                 |
| Salado          | 1344        | 1344         | Salt            |
| Castile         | 3192        | 3192         | Salt            |
| Delaware        | 4720        | 4703         | Oil/Gas/Brine   |
| Bell Canyon     | 4749        | 4731         | Oil/Gas/Brine   |
| Cherry Canyon   | 5683        | 5621         | Oil/Gas/Brine   |
| Brushy Canyon   | 6999        | 6873         | Losses          |
| Bone Spring     | 8761        | 8549         | Oil/Gas         |
| Bone Spring 1st | 9957        | 9686         | Oil/Gas         |
| Bone Spring 2nd | 10699       | 10365        | Oil/Gas         |
| Bone Spring 3rd |             |              | Oil/Gas         |
| Wolfcamp        |             |              | Oil/Gas         |
| Penn            |             |              | Oil/Gas         |
| Strawn          |             |              | Oil/Gas         |

\*H2S, water flows, loss of circulation, abnormal pressures, etc.

### 2. Casing Program

|            |                | MD        |         | TVD       |         |              |               |         |       |
|------------|----------------|-----------|---------|-----------|---------|--------------|---------------|---------|-------|
| Section    | Hole Size (in) | From (ft) | To (ft) | From (ft) | To (ft) | Csg. OD (in) | Csg Wt. (ppf) | Grade   | Conn. |
| Surface    | 17.5           | 0         | 913     | 0         | 913     | 13.375       | 54.5          | J-55    | BTC   |
| Salt       | 12.25          | 0         | 6373    | 0         | 6278    | 9.625        | 40            | L-80 HC | BTC   |
| Production | 8.5            | 0         | 21341   | 0         | 10724   | 5.5          | 20            | P-110   | DQX   |

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

\*Oxy requests the option to run the 7.625” Intermediate II as a contingency string to be run only if severe hole conditions dictate an additional casing string necessary.

\*Oxy requests the option to run production casing with DQX, TORQ DQW and/or TORQ SFW connections to accommodate hole conditions or drilling operations.

|                                                      |          |                 |                  |
|------------------------------------------------------|----------|-----------------|------------------|
| All Casing SF Values will meet or exceed those below |          |                 |                  |
| SF Collapse                                          | SF Burst | Body SF Tension | Joint SF Tension |
| 1.125                                                | 1.2      | 1.4             | 1.4              |

Annular Clearance Variance Request

As per the agreement reached in the Oxy/BLM face-to-face meeting on Feb 22, 2018, Oxy requests permission to allow deviation from the 0.422” annular clearance requirement from Onshore Order #2 under the following conditions:

1. Annular clearance to meet or exceed 0.422” between intermediate casing ID and production casing coupling only on the first 500’ overlap between both casings.
2. Annular clearance less than 0.422” is acceptable for the curve and lateral portions of the production open hole section.

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



3. Cementing Program

| Section | Stage | Slurry:             | Capacities | ft^3/ft | Excess: | From   | To     | Sacks | Volume (ft^3) | Placement |
|---------|-------|---------------------|------------|---------|---------|--------|--------|-------|---------------|-----------|
| Surface | 1     | Surface - Tail      | OH x Csg   | 0.6946  | 100%    | 913    | -      | 954   | 1268          | Circulate |
| Int.    | 1     | Intermediate - Tail | OH x Csg   | 0.3132  | 20%     | 6,373  | 5,873  | 141   | 188           | Circulate |
| Int.    | 1     | Intermediate - Lead | OH x Csg   | 0.3132  | 50%     | 5,873  | 913    | 1347  | 2330          | Circulate |
| Int.    | 1     | Intermediate - Lead | Csg x Csg  | 0.3627  | 0%      | 913    | -      | 191   | 331           | Circulate |
| Prod.   | 1     | Production - Tail   | OH x Csg   | 0.2291  | 10%     | 21,341 | 10,238 | 2027  | 2798          | Circulate |
| Prod.   | 1     | Production - Lead   | OH x Csg   | 0.2291  | 10%     | 10,238 | 6,373  | 435   | 974           | Circulate |
| Prod.   | 1     | Production - Lead   | Csg x Csg  | 0.2608  | 0%      | 6,373  | 5,873  | 58    | 130           | Circulate |

| Description         | Density (lb/gal) | Yield (ft3/sk) | Water (gal/sk) | 500psi Time (hh:mm) | Cmt. Class | Accelerator | Retarder | Dispersant | Salt |
|---------------------|------------------|----------------|----------------|---------------------|------------|-------------|----------|------------|------|
| Surface - Tail      | 14.8             | 1.33           | 6.365          | 5:26                | C          | x           |          |            |      |
| Intermediate - Lead | 12.9             | 1.73           | 8.784          | 15:26               | Pozz       |             | x        |            |      |
| Intermediate - Tail | 14.8             | 1.33           | 6.368          | 7:11                | C          | x           |          |            |      |
| Production - Lead   | 11.9             | 2.24           | 12.327         | 14:46               | H          |             | x        | x          | x    |
| Production - Tail   | 13.2             | 1.38           | 6.686          | 3:39                | H          |             | x        | x          | x    |

## Offline Cementing

Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:

Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).

Land casing.

Fill pipe with kill weight fluid, and confirm well is static.

If well Oxy requests a variance to cement the 9.625" and/or 7.625" intermediate casing strings offline in accordance to the approved variance, EC Tran 461365.

The summarized operational sequence will be as follows:

1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe).
2. Land casing.
3. Fill pipe with kill weight fluid, and confirm well is static.
  - a. If well is not static notify BLM and kill well.
  - b. Once well is static notify BLM with intent to proceed with nipple down and offline cementing.
4. Set and pressure test annular packoff.
5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange. If any barrier fails to test, the BOP stack will not be nipped down until after the cement job is completed.
6. Skid rig to next well on pad.
7. Confirm well is static before removing cap flange.
8. If well is not static notify BLM and kill well prior to cementing or nipping up for further remediation.
9. Install offline cement tool.
10. Rig up cement equipment.
  - a. Notify BLM prior to cement job.
11. Perform cement job.
12. Confirm well is static and floats are holding after cement job.
13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for monitoring.

4. Pressure Control Equipment

| BOP installed and tested before drilling which hole? | Size?   | Min. Required WP | Type       |  | ✓ | Tested to:              | TVD Depth (ft) per Section: |
|------------------------------------------------------|---------|------------------|------------|--|---|-------------------------|-----------------------------|
| 12.25" Hole                                          | 13-5/8" | 3M               | Annular    |  | ✓ | 70% of working pressure | 6278                        |
|                                                      |         | 3M               | Blind Ram  |  | ✓ | 250 psi / 3000 psi      |                             |
|                                                      |         |                  | Pipe Ram   |  |   |                         |                             |
|                                                      |         |                  | Double Ram |  | ✓ |                         |                             |
|                                                      |         |                  | Other*     |  |   |                         |                             |
| 8.5" Hole                                            | 13-5/8" | 3M               | Annular    |  | ✓ | 70% of working pressure | 10724                       |
|                                                      |         | 3M               | Blind Ram  |  | ✓ | 250 psi / 3000 psi      |                             |
|                                                      |         |                  | Pipe Ram   |  |   |                         |                             |
|                                                      |         |                  | Double Ram |  | ✓ |                         |                             |
|                                                      |         |                  | Other*     |  |   |                         |                             |

\*Specify if additional ram is utilized

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

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

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
|  | Formation integrity test will be performed per Onshore Order #2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |
|  | On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |
|  | A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |
|  | Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Are anchors required by manufacturer? |
|  | <p>A multibowl or a unionized multibowl wellhead system will be employed. The wellhead and connection to the BOPE will meet all API 6A requirements. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. We will test the flange connection of the wellhead with a test port that is directly in the flange. We are proposing that we will run the wellhead through the rotary prior to cementing surface casing as discussed with the BLM on October 8, 2015.</p> <p>See attached schematics.</p> |                                       |

**BOP Break Testing Request**

Oxy requests permission to adjust the BOP break testing requirements as per the agreement reached in the OXY/BLM meeting on September 5, 2019. A separate sundry will be sent prior to spud that reflects the pad based break testing plan.

BOP break test under the following conditions:

- After a full BOP test is conducted
- When skidding to drill an intermediate section where ICP is set into the third Bone Spring or shallower.
- When skidding to drill a production section that does not penetrate into the third Bone Spring or deeper.

If the kill line is broken prior to skid, two tests will be performed.

- 1) Wellhead flange, co-flex hose, kill line connections and upper pipe rams
- 2) Wellhead flange, HCR valve, check valve, upper pipe rams

If the kill line is not broken prior to skid, only one test will be performed.



5. Mud Program

| Section      | Depth     |         | Depth - TVD |         | Type                                   | Weight (ppg) | Viscosity | Water Loss |
|--------------|-----------|---------|-------------|---------|----------------------------------------|--------------|-----------|------------|
|              | From (ft) | To (ft) | From (ft)   | To (ft) |                                        |              |           |            |
| Surface      | 0         | 913     | 0           | 913     | Water-Based Mud                        | 8.6 - 8.8    | 40-60     | N/C        |
| Intermediate | 913       | 6373    | 913         | 6278    | Saturated Brine-Based or Oil-Based Mud | 8.0 - 10.0   | 35-45     | N/C        |
| Production   | 6373      | 21341   | 6278        | 10724   | Water-Based or Oil-Based Mud           | 8.0 - 9.6    | 38-50     | N/C        |

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times. The following is a general list of products: Barite, Bentonite, Gypsum, Lime, Soda Ash, Caustic Soda, Nut Plug, Cedar Fiber, Cotton Seed Hulls, Drilling Paper, Salt Water Clay, CACL2. Oxy will use a closed mud system.

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

6. Logging and Testing Procedures

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

| Additional logs planned |             | Interval         |
|-------------------------|-------------|------------------|
| No                      | Resistivity |                  |
| No                      | Density     |                  |
| No                      | CBL         |                  |
| Yes                     | Mud log     | Bone Spring – TD |
| No                      | PEX         |                  |

7. Drilling Conditions

| Condition                     | Specify what type and where? |
|-------------------------------|------------------------------|
| BH Pressure at deepest TVD    | 5354 psi                     |
| Abnormal Temperature          | No                           |
| BH Temperature at deepest TVD | 166°F                        |

Pump high viscosity sweeps as needed for hole cleaning. The mud system will be monitored visually/manually as well as with an electronic PVT. The necessary mud products for additional weight and fluid loss control will be on location at all times. Appropriately weighted mud will be used to isolate potential gas, oil, and water zones until such time as casing can be cemented into place for

|                                                                                                                                                                                                                                                                                                                                    |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM. |                   |
| N                                                                                                                                                                                                                                                                                                                                  | H2S is present    |
| Y                                                                                                                                                                                                                                                                                                                                  | H2S Plan attached |

8. Other facets of operation

|                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes/No |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Will the well be drilled with a walking/skidding operation? If yes, describe.<br>We plan to drill the 3 well pad in batch by section: all surface sections, intermediate sections and production sections. The wellhead will be secured with a night cap whenever the rig is not over the well.                                                                                                                                 | Yes    |
| Will more than one drilling rig be used for drilling operations? If yes, describe.<br>Oxy requests the option to contract a Surface Rig to drill, set surface casing, and cement for this well. If the timing between rigs is such that Oxy would not be able to preset surface, the Primary Rig will MIRU and drill the well in its entirety per the APD. Please see the attached document for information on the spudder rig. | Yes    |

|                                                   |
|---------------------------------------------------|
| <b>Total Estimated Cuttings Volume:</b> 2119 bbls |
|---------------------------------------------------|

- Attachments
- ☒ Directional Plan
  - ☒ H2S Contingency Plan
  - ☒ Flex III Attachments
  - ☒ Spudder Rig Attachment

9. Company Personnel

| Name            | Title                        | Office Phone | Mobile Phone |
|-----------------|------------------------------|--------------|--------------|
| Garrett Granier | Drilling Engineer            | 713-513-6633 | 832-265-0581 |
| William Turner  | Drilling Engineer Supervisor | 713-350-4951 | 661-817-4586 |
| Simon Benavides | Drilling Superintendent      | 713-522-8652 | 281-684-6897 |
| Diego Tellez    | Drilling Manager             | 713-350-4602 | 713-303-4932 |



Project: PRD NM DIRECTIONAL PLANS (NAD 1983)  
 Site: Taco Cat 27-34 Federal Com  
 Well: Taco Cat 27\_34 Federal Com 24H  
 Wellbore: Wellbore #1  
 Design: Permitting Plan

## PROJECT DETAILS: NM DIRECTIONAL PLANS (NAD 1983)

Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

## WELL DETAILS: Taco Cat 27\_34 Federal Com 24H

| +N/-S | +E/-W | Northing  | Ground Level:<br>Easting | Latitude           | Longitude            |
|-------|-------|-----------|--------------------------|--------------------|----------------------|
| 0.00  | 0.00  | 498447.04 | 3652.60<br>749763.50     | 32° 22' 6.577211 N | 103° 39' 29.730043 W |

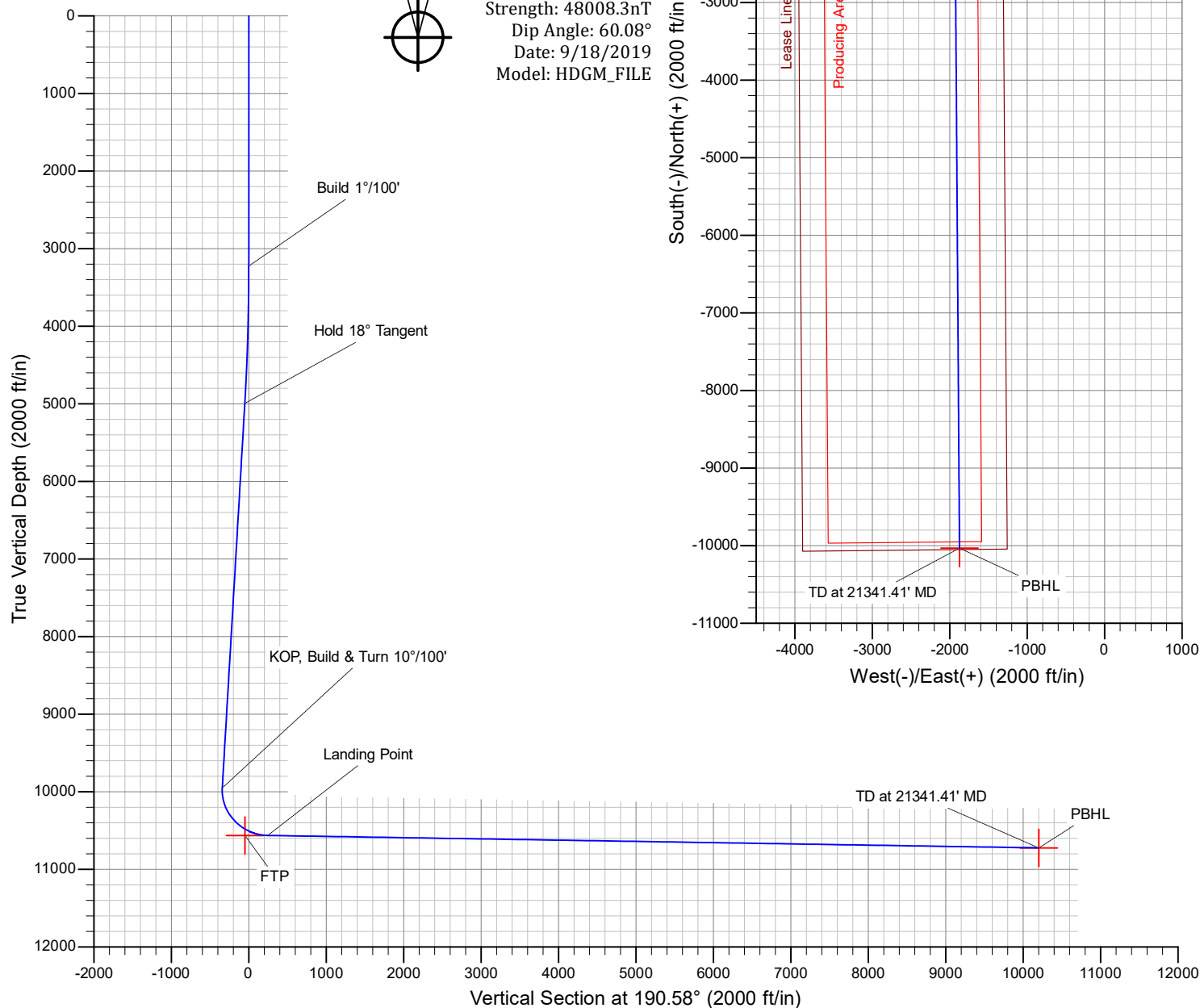
## SECTION DETAILS

| MD       | Inc   | Azi    | TVD      | +N/-S     | +E/-W    | Dleg  | TFace   | Vsect    | Annotation                 |
|----------|-------|--------|----------|-----------|----------|-------|---------|----------|----------------------------|
| 0.00     | 0.00  | 0.00   | 0.00     | 0.00      | 0.00     | 0.00  | 0.00    | 0.00     |                            |
| 3225.00  | 0.00  | 0.00   | 3225.00  | 0.00      | 0.00     | 0.00  | 0.00    | 0.00     | Build 1°/100'              |
| 5025.00  | 18.00 | 291.00 | 4995.54  | 100.50    | -261.80  | 1.00  | 291.00  | -50.72   | Hold 18° Tangent           |
| 10237.68 | 18.00 | 291.00 | 9953.09  | 677.76    | -1765.62 | 0.00  | 0.00    | -342.05  | KOP, Build & Turn 10°/100' |
| 11193.76 | 89.10 | 179.60 | 10564.10 | 115.86    | -1943.58 | 10.00 | -110.70 | 242.96   | Landing Point              |
| 21341.41 | 89.10 | 179.60 | 10724.10 | -10030.28 | -1873.55 | 0.00  | 0.00    | 10203.76 | TD at 21341.41' MD         |



Azimuths to Grid North  
 True North: -0.36°  
 Magnetic North: 6.31°

Magnetic Field  
 Strength: 48008.3nT  
 Dip Angle: 60.08°  
 Date: 9/18/2019  
 Model: HDGM\_FILE



# **OXY**

**PRD NM DIRECTIONAL PLANS (NAD 1983)**

**Taco Cat 27-34 Federal Com**

**Taco Cat 27\_34 Federal Com 24H**

**Wellbore #1**

**Plan: Permitting Plan**

## **Standard Planning Report**

**20 April, 2021**



# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOPSP                               | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

|                    |                                     |                      |                             |
|--------------------|-------------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | PRD NM DIRECTIONAL PLANS (NAD 1983) |                      |                             |
| <b>Map System:</b> | US State Plane 1983                 | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | North American Datum 1983           |                      |                             |
| <b>Map Zone:</b>   | New Mexico Eastern Zone             |                      | Using geodetic scale factor |

|                              |                            |                          |                     |
|------------------------------|----------------------------|--------------------------|---------------------|
| <b>Site</b>                  | Taco Cat 27-34 Federal Com |                          |                     |
| <b>Site Position:</b>        |                            | <b>Northing:</b>         | 498,686.80 usft     |
| <b>From:</b>                 | Map                        | <b>Easting:</b>          | 746,647.78 usft     |
| <b>Position Uncertainty:</b> | 50.00 ft                   | <b>Slot Radius:</b>      | 13.200 in           |
|                              |                            | <b>Latitude:</b>         | 32° 22' 9.142705 N  |
|                              |                            | <b>Longitude:</b>        | 103° 40' 6.040188 W |
|                              |                            | <b>Grid Convergence:</b> | 0.36 °              |

| Well                 | Taco Cat 27_34 Federal Com 24H |             |                     |                 |               |                      |
|----------------------|--------------------------------|-------------|---------------------|-----------------|---------------|----------------------|
| Well Position        | +N-S                           | -239.77 ft  | Northing:           | 498,447.04 usft | Latitude:     | 32° 22' 6.577211 N   |
|                      | +E-W                           | 3,115.86 ft | Easting:            | 749,763.50 usft | Longitude:    | 103° 39' 29.730043 W |
| Position Uncertainty |                                | 1.00 ft     | Wellhead Elevation: | 0.00 ft         | Ground Level: | 3,652.60 ft          |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | HDGM_FILE         | 9/18/2019          | 6.67                   | 60.08                | 48,008.30000000            |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | Permitting Plan              |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PROTOTYPE         | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          | 0.00                         | 0.00              | 0.00                 | 190.58               |

|                                 |                      |                          |                               |                                    |
|---------------------------------|----------------------|--------------------------|-------------------------------|------------------------------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>          | 4/20/2021                |                               |                                    |
| <b>Depth From (ft)</b>          | <b>Depth To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>              | <b>Remarks</b>                     |
| 1                               | 0.00                 | 21,341.41                | Permitting Plan (Wellbore #1) | B001Mb_MWD+HRGM<br>OWSG MWD + HRGM |

|                            |                        |                    |                            |                   |                   |                              |                             |                            |                |                 |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|-----------------|
| <b>Plan Sections</b>       |                        |                    |                            |                   |                   |                              |                             |                            |                |                 |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> | <b>TFO (°)</b> | <b>Target</b>   |
| 0.00                       | 0.00                   | 0.00               | 0.00                       | 0.00              | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |                 |
| 3,225.00                   | 0.00                   | 0.00               | 3,225.00                   | 0.00              | 0.00              | 0.00                         | 0.00                        | 0.00                       | 0.00           |                 |
| 5,025.00                   | 18.00                  | 291.00             | 4,995.54                   | 100.50            | -261.80           | 1.00                         | 1.00                        | 0.00                       | 291.00         |                 |
| 10,237.68                  | 18.00                  | 291.00             | 9,953.09                   | 677.76            | -1,765.62         | 0.00                         | 0.00                        | 0.00                       | 0.00           |                 |
| 11,193.76                  | 89.10                  | 179.60             | 10,564.10                  | 115.86            | -1,943.58         | 10.00                        | 7.44                        | -11.65                     | -110.70        |                 |
| 21,341.41                  | 89.10                  | 179.60             | 10,724.10                  | -10,030.28        | -1,873.55         | 0.00                         | 0.00                        | 0.00                       | 0.00           | PBHL (Taco Cat) |

# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOPSPP                              | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

| Planned Survey      |                 |             |                     |            |            |                       |                       |                      |                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.00                | 0.00            | 0.00        | 0.00                | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 100.00              | 0.00            | 0.00        | 100.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 200.00              | 0.00            | 0.00        | 200.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 300.00              | 0.00            | 0.00        | 300.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 400.00              | 0.00            | 0.00        | 400.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 500.00              | 0.00            | 0.00        | 500.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 600.00              | 0.00            | 0.00        | 600.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 700.00              | 0.00            | 0.00        | 700.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 800.00              | 0.00            | 0.00        | 800.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 900.00              | 0.00            | 0.00        | 900.00              | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,000.00            | 0.00            | 0.00        | 1,000.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,100.00            | 0.00            | 0.00        | 1,100.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,200.00            | 0.00            | 0.00        | 1,200.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,300.00            | 0.00            | 0.00        | 1,300.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,400.00            | 0.00            | 0.00        | 1,400.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,500.00            | 0.00            | 0.00        | 1,500.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,600.00            | 0.00            | 0.00        | 1,600.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,700.00            | 0.00            | 0.00        | 1,700.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,800.00            | 0.00            | 0.00        | 1,800.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 1,900.00            | 0.00            | 0.00        | 1,900.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,000.00            | 0.00            | 0.00        | 2,000.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,100.00            | 0.00            | 0.00        | 2,100.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,200.00            | 0.00            | 0.00        | 2,200.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,300.00            | 0.00            | 0.00        | 2,300.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,400.00            | 0.00            | 0.00        | 2,400.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,500.00            | 0.00            | 0.00        | 2,500.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,600.00            | 0.00            | 0.00        | 2,600.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,700.00            | 0.00            | 0.00        | 2,700.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,800.00            | 0.00            | 0.00        | 2,800.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 2,900.00            | 0.00            | 0.00        | 2,900.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 3,000.00            | 0.00            | 0.00        | 3,000.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 3,100.00            | 0.00            | 0.00        | 3,100.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 3,200.00            | 0.00            | 0.00        | 3,200.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 3,225.00            | 0.00            | 0.00        | 3,225.00            | 0.00       | 0.00       | 0.00                  | 0.00                  | 0.00                 | 0.00                |
| 3,300.00            | 0.75            | 291.00      | 3,300.00            | 0.18       | -0.46      | -0.09                 | 1.00                  | 1.00                 | 0.00                |
| 3,400.00            | 1.75            | 291.00      | 3,399.97            | 0.96       | -2.49      | -0.48                 | 1.00                  | 1.00                 | 0.00                |
| 3,500.00            | 2.75            | 291.00      | 3,499.89            | 2.36       | -6.16      | -1.19                 | 1.00                  | 1.00                 | 0.00                |
| 3,600.00            | 3.75            | 291.00      | 3,599.73            | 4.40       | -11.45     | -2.22                 | 1.00                  | 1.00                 | 0.00                |
| 3,700.00            | 4.75            | 291.00      | 3,699.46            | 7.05       | -18.37     | -3.56                 | 1.00                  | 1.00                 | 0.00                |
| 3,800.00            | 5.75            | 291.00      | 3,799.04            | 10.33      | -26.91     | -5.21                 | 1.00                  | 1.00                 | 0.00                |
| 3,900.00            | 6.75            | 291.00      | 3,898.44            | 14.23      | -37.08     | -7.18                 | 1.00                  | 1.00                 | 0.00                |
| 4,000.00            | 7.75            | 291.00      | 3,997.64            | 18.76      | -48.86     | -9.47                 | 1.00                  | 1.00                 | 0.00                |
| 4,100.00            | 8.75            | 291.00      | 4,096.60            | 23.90      | -62.25     | -12.06                | 1.00                  | 1.00                 | 0.00                |
| 4,200.00            | 9.75            | 291.00      | 4,195.30            | 29.66      | -77.26     | -14.97                | 1.00                  | 1.00                 | 0.00                |
| 4,300.00            | 10.75           | 291.00      | 4,293.70            | 36.03      | -93.87     | -18.19                | 1.00                  | 1.00                 | 0.00                |
| 4,400.00            | 11.75           | 291.00      | 4,391.78            | 43.03      | -112.09    | -21.71                | 1.00                  | 1.00                 | 0.00                |
| 4,500.00            | 12.75           | 291.00      | 4,489.50            | 50.63      | -131.89    | -25.55                | 1.00                  | 1.00                 | 0.00                |
| 4,600.00            | 13.75           | 291.00      | 4,586.84            | 58.84      | -153.29    | -29.70                | 1.00                  | 1.00                 | 0.00                |
| 4,700.00            | 14.75           | 291.00      | 4,683.76            | 67.66      | -176.27    | -34.15                | 1.00                  | 1.00                 | 0.00                |
| 4,800.00            | 15.75           | 291.00      | 4,780.24            | 77.09      | -200.83    | -38.91                | 1.00                  | 1.00                 | 0.00                |
| 4,900.00            | 16.75           | 291.00      | 4,876.24            | 87.12      | -226.95    | -43.97                | 1.00                  | 1.00                 | 0.00                |
| 5,000.00            | 17.75           | 291.00      | 4,971.74            | 97.75      | -254.64    | -49.33                | 1.00                  | 1.00                 | 0.00                |
| 5,025.00            | 18.00           | 291.00      | 4,995.54            | 100.50     | -261.80    | -50.72                | 1.00                  | 1.00                 | 0.00                |
| 5,100.00            | 18.00           | 291.00      | 5,066.87            | 108.80     | -283.44    | -54.91                | 0.00                  | 0.00                 | 0.00                |

# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOPSPP                              | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

| Planned Survey      |                 |             |                     |            |            |                       |                       |                      |                     |  |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 5,200.00            | 18.00           | 291.00      | 5,161.97            | 119.88     | -312.29    | -60.50                | 0.00                  | 0.00                 | 0.00                |  |
| 5,300.00            | 18.00           | 291.00      | 5,257.08            | 130.95     | -341.14    | -66.09                | 0.00                  | 0.00                 | 0.00                |  |
| 5,400.00            | 18.00           | 291.00      | 5,352.18            | 142.02     | -369.98    | -71.68                | 0.00                  | 0.00                 | 0.00                |  |
| 5,500.00            | 18.00           | 291.00      | 5,447.29            | 153.10     | -398.83    | -77.27                | 0.00                  | 0.00                 | 0.00                |  |
| 5,600.00            | 18.00           | 291.00      | 5,542.39            | 164.17     | -427.68    | -82.86                | 0.00                  | 0.00                 | 0.00                |  |
| 5,700.00            | 18.00           | 291.00      | 5,637.50            | 175.25     | -456.53    | -88.44                | 0.00                  | 0.00                 | 0.00                |  |
| 5,800.00            | 18.00           | 291.00      | 5,732.61            | 186.32     | -485.38    | -94.03                | 0.00                  | 0.00                 | 0.00                |  |
| 5,900.00            | 18.00           | 291.00      | 5,827.71            | 197.39     | -514.23    | -99.62                | 0.00                  | 0.00                 | 0.00                |  |
| 6,000.00            | 18.00           | 291.00      | 5,922.82            | 208.47     | -543.08    | -105.21               | 0.00                  | 0.00                 | 0.00                |  |
| 6,100.00            | 18.00           | 291.00      | 6,017.92            | 219.54     | -571.93    | -110.80               | 0.00                  | 0.00                 | 0.00                |  |
| 6,200.00            | 18.00           | 291.00      | 6,113.03            | 230.62     | -600.78    | -116.39               | 0.00                  | 0.00                 | 0.00                |  |
| 6,300.00            | 18.00           | 291.00      | 6,208.13            | 241.69     | -629.63    | -121.98               | 0.00                  | 0.00                 | 0.00                |  |
| 6,400.00            | 18.00           | 291.00      | 6,303.24            | 252.77     | -658.48    | -127.57               | 0.00                  | 0.00                 | 0.00                |  |
| 6,500.00            | 18.00           | 291.00      | 6,398.35            | 263.84     | -687.33    | -133.16               | 0.00                  | 0.00                 | 0.00                |  |
| 6,600.00            | 18.00           | 291.00      | 6,493.45            | 274.91     | -716.18    | -138.75               | 0.00                  | 0.00                 | 0.00                |  |
| 6,700.00            | 18.00           | 291.00      | 6,588.56            | 285.99     | -745.02    | -144.33               | 0.00                  | 0.00                 | 0.00                |  |
| 6,800.00            | 18.00           | 291.00      | 6,683.66            | 297.06     | -773.87    | -149.92               | 0.00                  | 0.00                 | 0.00                |  |
| 6,900.00            | 18.00           | 291.00      | 6,778.77            | 308.14     | -802.72    | -155.51               | 0.00                  | 0.00                 | 0.00                |  |
| 7,000.00            | 18.00           | 291.00      | 6,873.87            | 319.21     | -831.57    | -161.10               | 0.00                  | 0.00                 | 0.00                |  |
| 7,100.00            | 18.00           | 291.00      | 6,968.98            | 330.28     | -860.42    | -166.69               | 0.00                  | 0.00                 | 0.00                |  |
| 7,200.00            | 18.00           | 291.00      | 7,064.09            | 341.36     | -889.27    | -172.28               | 0.00                  | 0.00                 | 0.00                |  |
| 7,300.00            | 18.00           | 291.00      | 7,159.19            | 352.43     | -918.12    | -177.87               | 0.00                  | 0.00                 | 0.00                |  |
| 7,400.00            | 18.00           | 291.00      | 7,254.30            | 363.51     | -946.97    | -183.46               | 0.00                  | 0.00                 | 0.00                |  |
| 7,500.00            | 18.00           | 291.00      | 7,349.40            | 374.58     | -975.82    | -189.05               | 0.00                  | 0.00                 | 0.00                |  |
| 7,600.00            | 18.00           | 291.00      | 7,444.51            | 385.66     | -1,004.67  | -194.64               | 0.00                  | 0.00                 | 0.00                |  |
| 7,700.00            | 18.00           | 291.00      | 7,539.61            | 396.73     | -1,033.52  | -200.22               | 0.00                  | 0.00                 | 0.00                |  |
| 7,800.00            | 18.00           | 291.00      | 7,634.72            | 407.80     | -1,062.37  | -205.81               | 0.00                  | 0.00                 | 0.00                |  |
| 7,900.00            | 18.00           | 291.00      | 7,729.82            | 418.88     | -1,091.21  | -211.40               | 0.00                  | 0.00                 | 0.00                |  |
| 8,000.00            | 18.00           | 291.00      | 7,824.93            | 429.95     | -1,120.06  | -216.99               | 0.00                  | 0.00                 | 0.00                |  |
| 8,100.00            | 18.00           | 291.00      | 7,920.04            | 441.03     | -1,148.91  | -222.58               | 0.00                  | 0.00                 | 0.00                |  |
| 8,200.00            | 18.00           | 291.00      | 8,015.14            | 452.10     | -1,177.76  | -228.17               | 0.00                  | 0.00                 | 0.00                |  |
| 8,300.00            | 18.00           | 291.00      | 8,110.25            | 463.17     | -1,206.61  | -233.76               | 0.00                  | 0.00                 | 0.00                |  |
| 8,400.00            | 18.00           | 291.00      | 8,205.35            | 474.25     | -1,235.46  | -239.35               | 0.00                  | 0.00                 | 0.00                |  |
| 8,500.00            | 18.00           | 291.00      | 8,300.46            | 485.32     | -1,264.31  | -244.94               | 0.00                  | 0.00                 | 0.00                |  |
| 8,600.00            | 18.00           | 291.00      | 8,395.56            | 496.40     | -1,293.16  | -250.52               | 0.00                  | 0.00                 | 0.00                |  |
| 8,700.00            | 18.00           | 291.00      | 8,490.67            | 507.47     | -1,322.01  | -256.11               | 0.00                  | 0.00                 | 0.00                |  |
| 8,800.00            | 18.00           | 291.00      | 8,585.78            | 518.55     | -1,350.86  | -261.70               | 0.00                  | 0.00                 | 0.00                |  |
| 8,900.00            | 18.00           | 291.00      | 8,680.88            | 529.62     | -1,379.71  | -267.29               | 0.00                  | 0.00                 | 0.00                |  |
| 9,000.00            | 18.00           | 291.00      | 8,775.99            | 540.69     | -1,408.56  | -272.88               | 0.00                  | 0.00                 | 0.00                |  |
| 9,100.00            | 18.00           | 291.00      | 8,871.09            | 551.77     | -1,437.41  | -278.47               | 0.00                  | 0.00                 | 0.00                |  |
| 9,200.00            | 18.00           | 291.00      | 8,966.20            | 562.84     | -1,466.25  | -284.06               | 0.00                  | 0.00                 | 0.00                |  |
| 9,300.00            | 18.00           | 291.00      | 9,061.30            | 573.92     | -1,495.10  | -289.65               | 0.00                  | 0.00                 | 0.00                |  |
| 9,400.00            | 18.00           | 291.00      | 9,156.41            | 584.99     | -1,523.95  | -295.24               | 0.00                  | 0.00                 | 0.00                |  |
| 9,500.00            | 18.00           | 291.00      | 9,251.52            | 596.07     | -1,552.80  | -300.83               | 0.00                  | 0.00                 | 0.00                |  |
| 9,600.00            | 18.00           | 291.00      | 9,346.62            | 607.14     | -1,581.65  | -306.41               | 0.00                  | 0.00                 | 0.00                |  |
| 9,700.00            | 18.00           | 291.00      | 9,441.73            | 618.21     | -1,610.50  | -312.00               | 0.00                  | 0.00                 | 0.00                |  |
| 9,800.00            | 18.00           | 291.00      | 9,536.83            | 629.29     | -1,639.35  | -317.59               | 0.00                  | 0.00                 | 0.00                |  |
| 9,900.00            | 18.00           | 291.00      | 9,631.94            | 640.36     | -1,668.20  | -323.18               | 0.00                  | 0.00                 | 0.00                |  |
| 10,000.00           | 18.00           | 291.00      | 9,727.04            | 651.44     | -1,697.05  | -328.77               | 0.00                  | 0.00                 | 0.00                |  |
| 10,100.00           | 18.00           | 291.00      | 9,822.15            | 662.51     | -1,725.90  | -334.36               | 0.00                  | 0.00                 | 0.00                |  |
| 10,200.00           | 18.00           | 291.00      | 9,917.25            | 673.58     | -1,754.75  | -339.95               | 0.00                  | 0.00                 | 0.00                |  |
| 10,237.68           | 18.00           | 291.00      | 9,953.09            | 677.76     | -1,765.62  | -342.05               | 0.00                  | 0.00                 | 0.00                |  |
| 10,300.00           | 16.81           | 270.44      | 10,012.61           | 681.28     | -1,783.63  | -342.21               | 10.00                 | -1.92                | -33.00              |  |
| 10,400.00           | 19.32           | 238.79      | 10,107.90           | 672.80     | -1,812.31  | -328.60               | 10.00                 | 2.52                 | -31.65              |  |

# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOPSPP                              | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

| Planned Survey      |                 |             |                     |            |            |                       |                       |                      |                     |  |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 10,500.00           | 25.66           | 218.28      | 10,200.39           | 647.16     | -1,839.94  | -298.33               | 10.00                 | 6.34                 | -20.51              |  |
| 10,600.00           | 33.73           | 206.23      | 10,287.27           | 605.16     | -1,865.69  | -252.31               | 10.00                 | 8.07                 | -12.05              |  |
| 10,700.00           | 42.54           | 198.54      | 10,365.89           | 548.05     | -1,888.76  | -191.95               | 10.00                 | 8.82                 | -7.68               |  |
| 10,800.00           | 51.73           | 193.12      | 10,433.87           | 477.59     | -1,908.47  | -119.07               | 10.00                 | 9.18                 | -5.43               |  |
| 10,900.00           | 61.10           | 188.93      | 10,489.15           | 395.91     | -1,924.21  | -35.89                | 10.00                 | 9.38                 | -4.19               |  |
| 11,000.00           | 70.58           | 185.44      | 10,530.04           | 305.50     | -1,935.50  | 55.07                 | 10.00                 | 9.48                 | -3.49               |  |
| 11,100.00           | 80.13           | 182.34      | 10,555.30           | 209.09     | -1,942.01  | 151.03                | 10.00                 | 9.54                 | -3.10               |  |
| 11,193.76           | 89.10           | 179.60      | 10,564.10           | 115.86     | -1,943.58  | 242.96                | 10.00                 | 9.57                 | -2.92               |  |
| 11,200.00           | 89.10           | 179.60      | 10,564.19           | 109.62     | -1,943.53  | 249.09                | 0.00                  | 0.00                 | 0.00                |  |
| 11,300.00           | 89.10           | 179.60      | 10,565.77           | 9.64       | -1,942.84  | 347.24                | 0.00                  | 0.00                 | 0.00                |  |
| 11,400.00           | 89.10           | 179.60      | 10,567.35           | -90.35     | -1,942.15  | 445.40                | 0.00                  | 0.00                 | 0.00                |  |
| 11,500.00           | 89.10           | 179.60      | 10,568.92           | -190.33    | -1,941.46  | 543.56                | 0.00                  | 0.00                 | 0.00                |  |
| 11,600.00           | 89.10           | 179.60      | 10,570.50           | -290.32    | -1,940.77  | 641.72                | 0.00                  | 0.00                 | 0.00                |  |
| 11,700.00           | 89.10           | 179.60      | 10,572.08           | -390.30    | -1,940.08  | 739.88                | 0.00                  | 0.00                 | 0.00                |  |
| 11,800.00           | 89.10           | 179.60      | 10,573.66           | -490.29    | -1,939.39  | 838.04                | 0.00                  | 0.00                 | 0.00                |  |
| 11,900.00           | 89.10           | 179.60      | 10,575.23           | -590.27    | -1,938.70  | 936.20                | 0.00                  | 0.00                 | 0.00                |  |
| 12,000.00           | 89.10           | 179.60      | 10,576.81           | -690.26    | -1,938.01  | 1,034.36              | 0.00                  | 0.00                 | 0.00                |  |
| 12,100.00           | 89.10           | 179.60      | 10,578.39           | -790.24    | -1,937.32  | 1,132.51              | 0.00                  | 0.00                 | 0.00                |  |
| 12,200.00           | 89.10           | 179.60      | 10,579.96           | -890.23    | -1,936.63  | 1,230.67              | 0.00                  | 0.00                 | 0.00                |  |
| 12,300.00           | 89.10           | 179.60      | 10,581.54           | -990.21    | -1,935.94  | 1,328.83              | 0.00                  | 0.00                 | 0.00                |  |
| 12,400.00           | 89.10           | 179.60      | 10,583.12           | -1,090.20  | -1,935.25  | 1,426.99              | 0.00                  | 0.00                 | 0.00                |  |
| 12,500.00           | 89.10           | 179.60      | 10,584.69           | -1,190.18  | -1,934.56  | 1,525.15              | 0.00                  | 0.00                 | 0.00                |  |
| 12,600.00           | 89.10           | 179.60      | 10,586.27           | -1,290.17  | -1,933.87  | 1,623.31              | 0.00                  | 0.00                 | 0.00                |  |
| 12,700.00           | 89.10           | 179.60      | 10,587.85           | -1,390.15  | -1,933.18  | 1,721.47              | 0.00                  | 0.00                 | 0.00                |  |
| 12,800.00           | 89.10           | 179.60      | 10,589.42           | -1,490.14  | -1,932.49  | 1,819.63              | 0.00                  | 0.00                 | 0.00                |  |
| 12,900.00           | 89.10           | 179.60      | 10,591.00           | -1,590.12  | -1,931.80  | 1,917.78              | 0.00                  | 0.00                 | 0.00                |  |
| 13,000.00           | 89.10           | 179.60      | 10,592.58           | -1,690.11  | -1,931.11  | 2,015.94              | 0.00                  | 0.00                 | 0.00                |  |
| 13,100.00           | 89.10           | 179.60      | 10,594.15           | -1,790.09  | -1,930.42  | 2,114.10              | 0.00                  | 0.00                 | 0.00                |  |
| 13,200.00           | 89.10           | 179.60      | 10,595.73           | -1,890.08  | -1,929.73  | 2,212.26              | 0.00                  | 0.00                 | 0.00                |  |
| 13,300.00           | 89.10           | 179.60      | 10,597.31           | -1,990.06  | -1,929.04  | 2,310.42              | 0.00                  | 0.00                 | 0.00                |  |
| 13,400.00           | 89.10           | 179.60      | 10,598.88           | -2,090.05  | -1,928.35  | 2,408.58              | 0.00                  | 0.00                 | 0.00                |  |
| 13,500.00           | 89.10           | 179.60      | 10,600.46           | -2,190.04  | -1,927.66  | 2,506.74              | 0.00                  | 0.00                 | 0.00                |  |
| 13,600.00           | 89.10           | 179.60      | 10,602.04           | -2,290.02  | -1,926.97  | 2,604.90              | 0.00                  | 0.00                 | 0.00                |  |
| 13,700.00           | 89.10           | 179.60      | 10,603.61           | -2,390.01  | -1,926.28  | 2,703.05              | 0.00                  | 0.00                 | 0.00                |  |
| 13,800.00           | 89.10           | 179.60      | 10,605.19           | -2,489.99  | -1,925.59  | 2,801.21              | 0.00                  | 0.00                 | 0.00                |  |
| 13,900.00           | 89.10           | 179.60      | 10,606.77           | -2,589.98  | -1,924.90  | 2,899.37              | 0.00                  | 0.00                 | 0.00                |  |
| 14,000.00           | 89.10           | 179.60      | 10,608.34           | -2,689.96  | -1,924.21  | 2,997.53              | 0.00                  | 0.00                 | 0.00                |  |
| 14,100.00           | 89.10           | 179.60      | 10,609.92           | -2,789.95  | -1,923.52  | 3,095.69              | 0.00                  | 0.00                 | 0.00                |  |
| 14,200.00           | 89.10           | 179.60      | 10,611.50           | -2,889.93  | -1,922.83  | 3,193.85              | 0.00                  | 0.00                 | 0.00                |  |
| 14,300.00           | 89.10           | 179.60      | 10,613.07           | -2,989.92  | -1,922.14  | 3,292.01              | 0.00                  | 0.00                 | 0.00                |  |
| 14,400.00           | 89.10           | 179.60      | 10,614.65           | -3,089.90  | -1,921.45  | 3,390.16              | 0.00                  | 0.00                 | 0.00                |  |
| 14,500.00           | 89.10           | 179.60      | 10,616.23           | -3,189.89  | -1,920.76  | 3,488.32              | 0.00                  | 0.00                 | 0.00                |  |
| 14,600.00           | 89.10           | 179.60      | 10,617.80           | -3,289.87  | -1,920.07  | 3,586.48              | 0.00                  | 0.00                 | 0.00                |  |
| 14,700.00           | 89.10           | 179.60      | 10,619.38           | -3,389.86  | -1,919.38  | 3,684.64              | 0.00                  | 0.00                 | 0.00                |  |
| 14,800.00           | 89.10           | 179.60      | 10,620.96           | -3,489.84  | -1,918.69  | 3,782.80              | 0.00                  | 0.00                 | 0.00                |  |
| 14,900.00           | 89.10           | 179.60      | 10,622.53           | -3,589.83  | -1,918.00  | 3,880.96              | 0.00                  | 0.00                 | 0.00                |  |
| 15,000.00           | 89.10           | 179.60      | 10,624.11           | -3,689.81  | -1,917.31  | 3,979.12              | 0.00                  | 0.00                 | 0.00                |  |
| 15,100.00           | 89.10           | 179.60      | 10,625.69           | -3,789.80  | -1,916.62  | 4,077.28              | 0.00                  | 0.00                 | 0.00                |  |
| 15,200.00           | 89.10           | 179.60      | 10,627.27           | -3,889.78  | -1,915.93  | 4,175.43              | 0.00                  | 0.00                 | 0.00                |  |
| 15,300.00           | 89.10           | 179.60      | 10,628.84           | -3,989.77  | -1,915.24  | 4,273.59              | 0.00                  | 0.00                 | 0.00                |  |
| 15,400.00           | 89.10           | 179.60      | 10,630.42           | -4,089.75  | -1,914.55  | 4,371.75              | 0.00                  | 0.00                 | 0.00                |  |
| 15,500.00           | 89.10           | 179.60      | 10,632.00           | -4,189.74  | -1,913.86  | 4,469.91              | 0.00                  | 0.00                 | 0.00                |  |
| 15,600.00           | 89.10           | 179.60      | 10,633.57           | -4,289.72  | -1,913.17  | 4,568.07              | 0.00                  | 0.00                 | 0.00                |  |
| 15,700.00           | 89.10           | 179.60      | 10,635.15           | -4,389.71  | -1,912.48  | 4,666.23              | 0.00                  | 0.00                 | 0.00                |  |

# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOPSPP                              | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

| Planned Survey      |                 |             |                     |            |            |                       |                       |                      |                     |  |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |  |
| 15,800.00           | 89.10           | 179.60      | 10,636.73           | -4,489.69  | -1,911.79  | 4,764.39              | 0.00                  | 0.00                 | 0.00                |  |
| 15,900.00           | 89.10           | 179.60      | 10,638.30           | -4,589.68  | -1,911.10  | 4,862.55              | 0.00                  | 0.00                 | 0.00                |  |
| 16,000.00           | 89.10           | 179.60      | 10,639.88           | -4,689.66  | -1,910.41  | 4,960.70              | 0.00                  | 0.00                 | 0.00                |  |
| 16,100.00           | 89.10           | 179.60      | 10,641.46           | -4,789.65  | -1,909.72  | 5,058.86              | 0.00                  | 0.00                 | 0.00                |  |
| 16,200.00           | 89.10           | 179.60      | 10,643.03           | -4,889.64  | -1,909.03  | 5,157.02              | 0.00                  | 0.00                 | 0.00                |  |
| 16,300.00           | 89.10           | 179.60      | 10,644.61           | -4,989.62  | -1,908.34  | 5,255.18              | 0.00                  | 0.00                 | 0.00                |  |
| 16,400.00           | 89.10           | 179.60      | 10,646.19           | -5,089.61  | -1,907.65  | 5,353.34              | 0.00                  | 0.00                 | 0.00                |  |
| 16,500.00           | 89.10           | 179.60      | 10,647.76           | -5,189.59  | -1,906.96  | 5,451.50              | 0.00                  | 0.00                 | 0.00                |  |
| 16,600.00           | 89.10           | 179.60      | 10,649.34           | -5,289.58  | -1,906.27  | 5,549.66              | 0.00                  | 0.00                 | 0.00                |  |
| 16,700.00           | 89.10           | 179.60      | 10,650.92           | -5,389.56  | -1,905.58  | 5,647.82              | 0.00                  | 0.00                 | 0.00                |  |
| 16,800.00           | 89.10           | 179.60      | 10,652.49           | -5,489.55  | -1,904.89  | 5,745.97              | 0.00                  | 0.00                 | 0.00                |  |
| 16,900.00           | 89.10           | 179.60      | 10,654.07           | -5,589.53  | -1,904.20  | 5,844.13              | 0.00                  | 0.00                 | 0.00                |  |
| 17,000.00           | 89.10           | 179.60      | 10,655.65           | -5,689.52  | -1,903.51  | 5,942.29              | 0.00                  | 0.00                 | 0.00                |  |
| 17,100.00           | 89.10           | 179.60      | 10,657.22           | -5,789.50  | -1,902.82  | 6,040.45              | 0.00                  | 0.00                 | 0.00                |  |
| 17,200.00           | 89.10           | 179.60      | 10,658.80           | -5,889.49  | -1,902.13  | 6,138.61              | 0.00                  | 0.00                 | 0.00                |  |
| 17,300.00           | 89.10           | 179.60      | 10,660.38           | -5,989.47  | -1,901.44  | 6,236.77              | 0.00                  | 0.00                 | 0.00                |  |
| 17,400.00           | 89.10           | 179.60      | 10,661.95           | -6,089.46  | -1,900.75  | 6,334.93              | 0.00                  | 0.00                 | 0.00                |  |
| 17,500.00           | 89.10           | 179.60      | 10,663.53           | -6,189.44  | -1,900.06  | 6,433.08              | 0.00                  | 0.00                 | 0.00                |  |
| 17,600.00           | 89.10           | 179.60      | 10,665.11           | -6,289.43  | -1,899.37  | 6,531.24              | 0.00                  | 0.00                 | 0.00                |  |
| 17,700.00           | 89.10           | 179.60      | 10,666.68           | -6,389.41  | -1,898.68  | 6,629.40              | 0.00                  | 0.00                 | 0.00                |  |
| 17,800.00           | 89.10           | 179.60      | 10,668.26           | -6,489.40  | -1,897.99  | 6,727.56              | 0.00                  | 0.00                 | 0.00                |  |
| 17,900.00           | 89.10           | 179.60      | 10,669.84           | -6,589.38  | -1,897.30  | 6,825.72              | 0.00                  | 0.00                 | 0.00                |  |
| 18,000.00           | 89.10           | 179.60      | 10,671.41           | -6,689.37  | -1,896.61  | 6,923.88              | 0.00                  | 0.00                 | 0.00                |  |
| 18,100.00           | 89.10           | 179.60      | 10,672.99           | -6,789.35  | -1,895.92  | 7,022.04              | 0.00                  | 0.00                 | 0.00                |  |
| 18,200.00           | 89.10           | 179.60      | 10,674.57           | -6,889.34  | -1,895.23  | 7,120.20              | 0.00                  | 0.00                 | 0.00                |  |
| 18,300.00           | 89.10           | 179.60      | 10,676.14           | -6,989.32  | -1,894.54  | 7,218.35              | 0.00                  | 0.00                 | 0.00                |  |
| 18,400.00           | 89.10           | 179.60      | 10,677.72           | -7,089.31  | -1,893.85  | 7,316.51              | 0.00                  | 0.00                 | 0.00                |  |
| 18,500.00           | 89.10           | 179.60      | 10,679.30           | -7,189.29  | -1,893.16  | 7,414.67              | 0.00                  | 0.00                 | 0.00                |  |
| 18,600.00           | 89.10           | 179.60      | 10,680.87           | -7,289.28  | -1,892.47  | 7,512.83              | 0.00                  | 0.00                 | 0.00                |  |
| 18,700.00           | 89.10           | 179.60      | 10,682.45           | -7,389.26  | -1,891.78  | 7,610.99              | 0.00                  | 0.00                 | 0.00                |  |
| 18,800.00           | 89.10           | 179.60      | 10,684.03           | -7,489.25  | -1,891.09  | 7,709.15              | 0.00                  | 0.00                 | 0.00                |  |
| 18,900.00           | 89.10           | 179.60      | 10,685.61           | -7,589.24  | -1,890.40  | 7,807.31              | 0.00                  | 0.00                 | 0.00                |  |
| 19,000.00           | 89.10           | 179.60      | 10,687.18           | -7,689.22  | -1,889.71  | 7,905.47              | 0.00                  | 0.00                 | 0.00                |  |
| 19,100.00           | 89.10           | 179.60      | 10,688.76           | -7,789.21  | -1,889.02  | 8,003.62              | 0.00                  | 0.00                 | 0.00                |  |
| 19,200.00           | 89.10           | 179.60      | 10,690.34           | -7,889.19  | -1,888.33  | 8,101.78              | 0.00                  | 0.00                 | 0.00                |  |
| 19,300.00           | 89.10           | 179.60      | 10,691.91           | -7,989.18  | -1,887.64  | 8,199.94              | 0.00                  | 0.00                 | 0.00                |  |
| 19,400.00           | 89.10           | 179.60      | 10,693.49           | -8,089.16  | -1,886.95  | 8,298.10              | 0.00                  | 0.00                 | 0.00                |  |
| 19,500.00           | 89.10           | 179.60      | 10,695.07           | -8,189.15  | -1,886.26  | 8,396.26              | 0.00                  | 0.00                 | 0.00                |  |
| 19,600.00           | 89.10           | 179.60      | 10,696.64           | -8,289.13  | -1,885.57  | 8,494.42              | 0.00                  | 0.00                 | 0.00                |  |
| 19,700.00           | 89.10           | 179.60      | 10,698.22           | -8,389.12  | -1,884.88  | 8,592.58              | 0.00                  | 0.00                 | 0.00                |  |
| 19,800.00           | 89.10           | 179.60      | 10,699.80           | -8,489.10  | -1,884.19  | 8,690.74              | 0.00                  | 0.00                 | 0.00                |  |
| 19,900.00           | 89.10           | 179.60      | 10,701.37           | -8,589.09  | -1,883.50  | 8,788.89              | 0.00                  | 0.00                 | 0.00                |  |
| 20,000.00           | 89.10           | 179.60      | 10,702.95           | -8,689.07  | -1,882.81  | 8,887.05              | 0.00                  | 0.00                 | 0.00                |  |
| 20,100.00           | 89.10           | 179.60      | 10,704.53           | -8,789.06  | -1,882.12  | 8,985.21              | 0.00                  | 0.00                 | 0.00                |  |
| 20,200.00           | 89.10           | 179.60      | 10,706.10           | -8,889.04  | -1,881.43  | 9,083.37              | 0.00                  | 0.00                 | 0.00                |  |
| 20,300.00           | 89.10           | 179.60      | 10,707.68           | -8,989.03  | -1,880.74  | 9,181.53              | 0.00                  | 0.00                 | 0.00                |  |
| 20,400.00           | 89.10           | 179.60      | 10,709.26           | -9,089.01  | -1,880.05  | 9,279.69              | 0.00                  | 0.00                 | 0.00                |  |
| 20,500.00           | 89.10           | 179.60      | 10,710.83           | -9,189.00  | -1,879.36  | 9,377.85              | 0.00                  | 0.00                 | 0.00                |  |
| 20,600.00           | 89.10           | 179.60      | 10,712.41           | -9,288.98  | -1,878.67  | 9,476.00              | 0.00                  | 0.00                 | 0.00                |  |
| 20,700.00           | 89.10           | 179.60      | 10,713.99           | -9,388.97  | -1,877.98  | 9,574.16              | 0.00                  | 0.00                 | 0.00                |  |
| 20,800.00           | 89.10           | 179.60      | 10,715.56           | -9,488.95  | -1,877.29  | 9,672.32              | 0.00                  | 0.00                 | 0.00                |  |
| 20,900.00           | 89.10           | 179.60      | 10,717.14           | -9,588.94  | -1,876.60  | 9,770.48              | 0.00                  | 0.00                 | 0.00                |  |
| 21,000.00           | 89.10           | 179.60      | 10,718.72           | -9,688.92  | -1,875.91  | 9,868.64              | 0.00                  | 0.00                 | 0.00                |  |
| 21,100.00           | 89.10           | 179.60      | 10,720.29           | -9,788.91  | -1,875.22  | 9,966.80              | 0.00                  | 0.00                 | 0.00                |  |



# Oxy Inc.

## Planning Report

|                  |                                     |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | HOSPSP                              | <b>Local Co-ordinate Reference:</b> | Well Taco Cat 27_34 Federal Com 24H |
| <b>Company:</b>  | ENGINEERING DESIGNS                 | <b>TVD Reference:</b>               | RKB=26.5' @ 3679.10ft               |
| <b>Project:</b>  | PRD NM DIRECTIONAL PLANS (NAD 1983) | <b>MD Reference:</b>                | RKB=26.5' @ 3679.10ft               |
| <b>Site:</b>     | Taco Cat 27-34 Federal Com          | <b>North Reference:</b>             | Grid                                |
| <b>Well:</b>     | Taco Cat 27_34 Federal Com 24H      | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | Wellbore #1                         |                                     |                                     |
| <b>Design:</b>   | Permitting Plan                     |                                     |                                     |

| Planned Survey      |                 |             |                     |            |            |                       |                       |                      |                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 21,200.00           | 89.10           | 179.60      | 10,721.87           | -9,888.89  | -1,874.53  | 10,064.96             | 0.00                  | 0.00                 | 0.00                |
| 21,300.00           | 89.10           | 179.60      | 10,723.45           | -9,988.88  | -1,873.84  | 10,163.12             | 0.00                  | 0.00                 | 0.00                |
| 21,341.41           | 89.10           | 179.60      | 10,724.10           | -10,030.28 | -1,873.55  | 10,203.76             | 0.00                  | 0.00                 | 0.00                |

| Design Targets                                                                                                                 |               |              |           |            |            |                 |                |                     |                    |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|-----------|------------|------------|-----------------|----------------|---------------------|--------------------|
| Target Name<br>- hit/miss target<br>- Shape                                                                                    | Dip Angle (°) | Dip Dir. (°) | TVD (ft)  | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude            | Longitude          |
| FTP (Taco Cat 27_34<br>- plan misses target center by 77.27ft at 10917.13ft MD (10497.22 TVD, 380.97 N, -1926.47 E)<br>- Point | 0.00          | 0.00         | 10,564.10 | 413.76     | -1,947.01  | 498,860.78      | 747,816.57     | 32° 22' 10.792194 N | 103° 39' 52.399977 |
| PBHL (Taco Cat<br>- plan hits target center<br>- Point                                                                         | 0.00          | 0.00         | 10,724.10 | -10,030.28 | -1,873.55  | 488,417.19      | 747,890.03     | 32° 20' 27.446423 N | 103° 39' 52.304174 |

| Formations          |                     |                 |           |         |                   |
|---------------------|---------------------|-----------------|-----------|---------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name            | Lithology | Dip (°) | Dip Direction (°) |
| 853.10              | 853.10              | RUSTLER         |           |         |                   |
| 1,344.10            | 1,344.10            | SALADO          |           |         |                   |
| 3,192.10            | 3,192.10            | CASTILE         |           |         |                   |
| 4,720.01            | 4,703.10            | DELAWARE        |           |         |                   |
| 4,749.01            | 4,731.10            | BELL CANYON     |           |         |                   |
| 5,682.76            | 5,621.10            | CHERRY CANYON   |           |         |                   |
| 6,999.19            | 6,873.10            | BRUSHY CANYON   |           |         |                   |
| 8,761.44            | 8,549.10            | BONE SPRING     |           |         |                   |
| 9,956.95            | 9,686.10            | BONE SPRING 1ST |           |         |                   |
| 10,698.93           | 10,365.10           | BONE SPRING 2ND |           |         |                   |

| Plan Annotations    |                     |                   |            |                            |
|---------------------|---------------------|-------------------|------------|----------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            | Comment                    |
|                     |                     | +N/-S (ft)        | +E/-W (ft) |                            |
| 3,225.00            | 3,225.00            | 0.00              | 0.00       | Build 1°/100'              |
| 5,025.00            | 4,995.54            | 100.50            | -261.80    | Hold 18° Tangent           |
| 10,237.68           | 9,953.09            | 677.76            | -1,765.62  | KOP, Build & Turn 10°/100' |
| 11,193.76           | 10,564.10           | 115.86            | -1,943.58  | Landing Point              |
| 21,341.41           | 10,724.10           | -10,030.28        | -1,873.55  | TD at 21341.41' MD         |

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

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

CONDITIONS  
  
Action 55543

CONDITIONS

|                                                                    |                                                      |
|--------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>OXY USA INC<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>16696                                      |
|                                                                    | Action Number:<br>55543                              |
|                                                                    | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| pkautz     | None      | 10/13/2021     |