

| | | |
|---|--|---|
| Well Name: SALT FLAT CC 20-29 FEDERAL COM | Well Location: T24S / R29E / SEC 17 / NWNW / 32.2087027 / -104.0125468 | County or Parish/State: EDDY / NM |
| Well Number: 11Y | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM17224 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3001547606 | Well Status: Plugged and Abandoned | Operator: OXY USA INCORPORATED |

Notice of Intent

Sundry ID: 2686394

| | |
|---|--|
| Type of Submission: Notice of Intent | Type of Action: Drilling Operations |
| Date Sundry Submitted: 08/10/2022 | Time Sundry Submitted: 09:09 |
| Date proposed operation will begin: 09/13/2022 | |

Procedure Description: OXY USA INC. respectfully requests approval to skid 100 ft to the east from the original wellbore and drill a replacement well. No new surface disturbance is needed. The original well will be plugged as per Sundry ID 2686389. Original permitted well: Salt Flat CC 20-29 Fed Com #011H with API 30-015-47606 and SHL 435 ft FSL, 1700 ft FWL, Unit D, Sec 20, T24S, R29E. Per BLM instruction, please change original permitted well name to Salt Flat CC 20-29 Fed com #011Y. New replacement well: Salt Flat CC 20-29 Fed Com #011H with SHL 435 ft FSL, 1800 ft FWL, Unit N, Sec 17, T24S, R29E.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- 3160_3_PRINT_V2_20220810090824.pdf
- SaltFlatCC20_29FederalCom11H_DirectPlan_20220810084652.pdf
- SaltFlatCC20_29FederalCom11H_DirectPlot_20220810084652.pdf
- Salt_Flat_CC_20_29_Fed._Com__11H_c_102__Rev._D__FLAT_20220810084652.pdf
- SaltFlatCC20_29FederalCom11H_DrillPlan_20220810084652.pdf

Received by OCD: 8/11/2022 8:50:52 AM

Well Name: SALT FLAT CC 20-29
FEDERAL COM

Well Location: T24S / R29E / SEC 17 /
NWNW / 32.2087027 / -104.0125468

County or Parish/State: EDDY /
NM

Well Number: 11Y

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM17224

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001547606

Well Status: Plugged and Abandoned

Operator: OXY USA
INCORPORATED

Salt_Flat_CC_20_29_Fed._Com__11H_SP__Rev._D__20220810084652.pdf

Conditions of Approval

Authorized

3160_3_PRINT_signed_20220810151826.pdf

Operator

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

Operator Electronic Signature: STEPHEN JANACEK

Signed on: AUG 10, 2022 09:09 AM

Name: OXY USA INCORPORATED

Title: Regulatory Engineer

Street Address: 5 Greenway Plaza, Suite 110

City: HoustonState: TX

Phone: (713) 497-2417

Email address: stephen_janacek@oxy.com

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 08/10/2022

Signature: Chris Walls

Form 3160-3
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM017224

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

SALT FLAT CC 20-29 FED COM 11H

9. API Well No.
30-015-4980910. Field and Pool, or Exploratory
PIERCE CROSSING BONE SPRING11. Sec., T. R. M. or Blk. and Survey or Area
SEC 17, T24S, R29E, NMP12. County or Parish
EDDY13. State
NM1a. Type of work: ☒ DRILL ☐ REENTER
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other
1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☒ Multiple Zone2. Name of Operator
OXY USA INC.3a. Address
PO BOX 4294, HOUSTON, TX 772103b. Phone No. (include area code)
713-366-57164. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SESW, 435 ft FSL, 1800 ft FWL, UNIT N, LAT 32.2215271, LONG 104.0092892
At proposed prod. zone SWSW, 20 ft FSL, 330 ft FWL, UNIT M, LAT 32.18107, LONG 104.013514. Distance in miles and direction from nearest town or post office*
8 MILES15. Distance from proposed* location to nearest property or lease line, ft.
(Also to nearest drig. unit line, if any) 20 FT16. No of acres in lease
959.117. Spacing Unit dedicated to this well
640

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 30 FT

19. Proposed Depth
7692 TVD, 18611 MD20. BLM/BIA Bond No. in file
FED: ESB00022621. Elevations (Show whether DF, KDB, RT, GL, etc.)
2973 FT22. Approximate date work will start*
9/13/2223. Estimated duration
15 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be requested by the BLM. |

25. Signature

Stephen Janacek

Name (Printed/Typed)
STEPHEN JANACEKDate
8/10/22Title
REGULATORY ENGINEER

Approved by (Signature)

Name (Printed/Typed)
Christopher Walls

Date 8/10/2022

Title
Sup Petroleum EngineerOffice
CFO

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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.

(Continued on page 2)

*(Instructions on page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record will be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM connects this information to an evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Connection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No. **NMNM17224**
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **OXY USA INCORPORATED**3a. Address **5 Greenway Plaza, Suite 110, Houston, TX 77046** 3b. Phone No. (include area code)
(713) 366-57164. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 17/T24S/R29E/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **SALT FLAT CC 20-29 FEDERAL CC**9. API Well No. **3001547606**10. Field and Pool or Exploratory Area
PURPLE SAGE WOLFCAMP/PURPLE SAGE WOLFCAMP11. Country or Parish, State
EDDY/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION | TYPE OF ACTION | | | | |
|--|---|---|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off | |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity | |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other | |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | | |

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

OXY USA INC. respectfully requests approval to skid 100 ft to the east from the original wellbore and drill a replacement well. No new surface disturbance is needed. The original well will be plugged as per Sundry ID 2686389.

Original permitted well: Salt Flat CC 20-29 Fed Com #011H with API 30-015-47606 and SHL 435 ft FSL, 1700 ft FWL, Unit D, Sec 20, T24S, R29E.

Per BLM instruction, please change original permitted well name to Salt Flat CC 20-29 Fed com #011Y.

New replacement well: Salt Flat CC 20-29 Fed Com #011H with SHL 435 ft FSL, 1800 ft FWL, Unit N, Sec 17, T24S, R29E.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
STEPHEN JANACEK / Ph: (713) 497-2417Title **Regulatory Engineer**

Signature

Date **08/10/2022****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

CHRISTOPHER WALLS / Ph: (575) 234-2234 / ApprovedTitle **Petroleum Engineer**Date **08/10/2022**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CARLSBAD**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNW / 435 FNL / 1700 FWL / TWSP: 24S / RANGE: 29E / SECTION: 17 / LAT: 32.2087027 / LONG: -104.0125468 (TVD: 0 feet, MD: 0 feet)
PPP: NWSW / 2647 FNL / 491 FWL / TWSP: 24S / RANGE: 29E / SECTION: 29 / LAT: 32.188484 / LONG: -104.013576 (TVD: 7650 feet, MD: 15989 feet)
PPP: NWNW / 5 FNL / 502 FWL / TWSP: 24S / RANGE: 29E / SECTION: 29 / LAT: 32.195772 / LONG: -104.013568 (TVD: 7650 feet, MD: 13349 feet)
PPP: NWNW / 100 FNL / 480 FWL / TWSP: 24S / RANGE: 29E / SECTION: 20 / LAT: 32.210079 / LONG: -104.0135528 (TVD: 7650 feet, MD: 8168 feet)
BHL: SWSW / 20 FSL / 330 FWL / TWSP: 24S / RANGE: 29E / SECTION: 29 / LAT: 32.1811911 / LONG: -104.0135846 (TVD: 7650 feet, MD: 18678 feet)

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 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 30-015- 49809 | Pool Code 50371 | Pool Name PIERCE CROSSING BONE SPRING |
| Property Code 321601 | Property Name SALT FLAT CC "20_29" FEDERAL COM | Well Number 11H |
| OGRID No. 16696 | Operator Name OXY USA INC. | Elevation 2935.6' |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| N | 17 | 24 SOUTH | 29 EAST, N.M.P.M. | | 435' | SOUTH | 1800' | WEST | EDDY |

Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| M | 29 | 24 SOUTH | 29 EAST, N.M.P.M. | | 20' | SOUTH | 330' | WEST | EDDY |

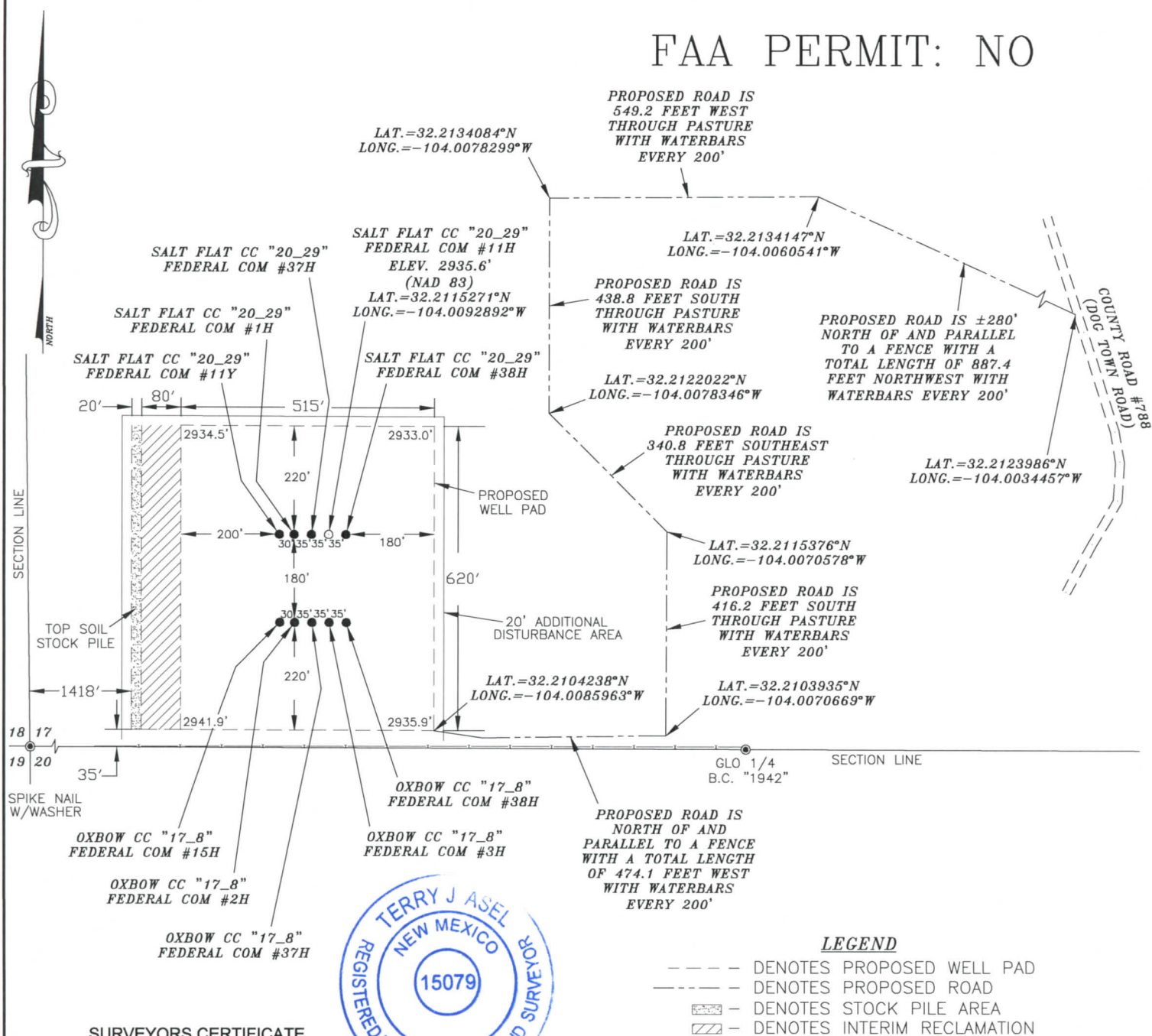
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 640 | Y | | |

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.

| | | | | | |
|--|--|--|--|--|--|
| <p>SURFACE LOCATION NEW MEXICO EAST NAD 1983 Y=440838.69 US FT X=641556.26 US FT LAT.: N 32.2115271" LONG.: W 104.0092892" NAD 1927 Y=440779.86 US FT X=600372.35 US FT LAT.: N 32.2114044" LONG.: W 104.0087999"</p> | | <p>KICK OFF POINT NEW MEXICO EAST NAD 1983 Y=440358.44 US FT X=640089.07 US FT LAT.: N 32.2102190" LONG.: W 104.0140377" NAD 1927 Y=440299.64 US FT X=598905.18 US FT LAT.: N 32.2100964" LONG.: W 104.0135483"</p> | | <p>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. Signature <u>Stephen Janacek</u> Date <u>8/10/22</u> STEPHEN JANACEK Printed Name STEPHEN_JANACEK@OXY.COM E-mail Address</p> | |
| <p>FIRST TAKE POINT NEW MEXICO EAST NAD 1983 Y=440308.44 US FT X=640089.17 US FT LAT.: N 32.2100816" LONG.: W 104.0140378" NAD 1927 Y=440249.64 US FT X=598905.28 US FT LAT.: N 32.2099589" LONG.: W 104.0135485"</p> | | <p>GRID AZ = 251°52'31" 1543.79'</p> | | <p>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. DECEMBER 14, 2018 Date of Survey Signature and Seal of Professional Surveyor Certificate Number <u>15079</u> WO# 181214WL-c (Rev. D)(KA)</p> | |
| <p>LAST TAKE POINT NEW MEXICO EAST NAD 1983 Y=429879.47 US FT X=640110.43 US FT LAT.: N 32.1814135" LONG.: W 104.0140692" NAD 1927 Y=429820.89 US FT X=598926.28 US FT LAT.: N 32.1812905" LONG.: W 104.0135808"</p> | | <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1983 Y=429799.47 US FT X=640110.59 US FT LAT.: N 32.1811936" LONG.: W 104.0140695" NAD 1927 Y=429740.89 US FT X=598926.45 US FT LAT.: N 32.1810706" LONG.: W 104.0135811"</p> | | <p>Horizontal Spacing Unit GRID AZ = 179°53'00" 10558.99' IN ALL</p> | |

OXY USA INC. SALT FLAT CC "20_29" FEDERAL COM #11H SITE PLAN

FAA PERMIT: NO



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 8/9/2022
Terry J. Asel, N.M. R.P.L.S. No. 15079

Asel Surveying, LLC

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



OXY USA INC.

SALT FLAT CC "20_29" FEDERAL COM #11H
LOCATED AT 435' FSL & 1800' FWL IN
SECTION 17, TOWNSHIP 24 SOUTH, RANGE 29
EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

| | |
|----------------------------------|---------------------------|
| Survey Date: 12/14/18 | Sheet 1 of 1 Sheets |
| W.O. Number: 181214WL-c (Rev. D) | Drawn By: KA Rev: D |
| Date: 8/8/22 | 181214WL-c Scale: 1"=300' |

OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)

Salt Flat CC 20-29 Federal Com

Salt Flat CC 20_29 Federal Com 11H

Wellbore #1

Plan: Permitting Plan

Standard Planning Report

09 August, 2022

OXY

Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Permitting Plan | | |

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

| Site | | | | | | Salt Flat CC 20-29 Federal Com | | | | | | | | | | | |
|-----------------------|--|--|-----------|--|--|--------------------------------|--|--|-----------------|--|--|-------------------|--|--|-------------|--|--|
| Site Position: | | | Northing: | | | 440,814.67 usft | | | Latitude: | | | 32.211442 | | | | | |
| From: | | | Map | | | Easting: | | | 643,787.23 usft | | | Longitude: | | | -104.002076 | | |
| Position Uncertainty: | | | 49.91 ft | | | Slot Radius: | | | 13.200 in | | | Grid Convergence: | | | 0.18 ° | | |

| Well | Salt Flat CC 20_29 Federal Com 11H | | | | | |
|----------------------|------------------------------------|--------------|---------------------|-----------------|---------------|-------------|
| Well Position | +N/-S | 24.02 ft | Northing: | 440,838.69 usft | Latitude: | 32.211527 |
| | +E/-W | -2,231.15 ft | Easting: | 641,556.26 usft | Longitude: | -104.009289 |
| Position Uncertainty | | 1.00 ft | Wellhead Elevation: | 0.00 ft | Ground Level: | 2,935.60 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM_FILE | 4/23/2019 | 6.98 | 59.93 | 47,921.10000000 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Permitting Plan | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | -1.00 | 0.00 | 0.00 | 187.46 |

| | | | | |
|---------------------------------|----------------------|--------------------------|-------------------------------|------------------------------------|
| Plan Survey Tool Program | Date | 8/9/2022 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 18,628.33 | Permitting Plan (Wellbore #1) | B001Mb_MWD+HRGM OWSG MWD + HRGM |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|-----------------------------|----------------------------|----------------|---------------------|
| Plan Sections | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,815.00 | 0.00 | 0.00 | 2,815.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,615.00 | 18.00 | 265.00 | 4,585.54 | -24.44 | -279.36 | 1.00 | 1.00 | 0.00 | 265.00 | |
| 7,307.00 | 18.00 | 265.00 | 7,145.78 | -96.94 | -1,108.07 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,609.76 | 45.00 | 236.00 | 7,402.80 | -162.41 | -1,246.65 | 10.00 | 8.92 | -9.58 | -42.84 | |
| 8,276.87 | 89.91 | 179.88 | 7,670.11 | -688.70 | -1,466.98 | 10.00 | 6.73 | -8.41 | -64.66 | |
| 18,628.33 | 89.91 | 179.88 | 7,686.92 | -11,040.12 | -1,445.79 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL (Salt Flat CC) |

OXY

Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | 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 |
| 2,815.00 | 0.00 | 0.00 | 2,815.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 0.85 | 265.00 | 2,900.00 | -0.05 | -0.63 | 0.14 | 1.00 | 1.00 | 0.00 |
| 3,000.00 | 1.85 | 265.00 | 2,999.97 | -0.26 | -2.98 | 0.64 | 1.00 | 1.00 | 0.00 |
| 3,100.00 | 2.85 | 265.00 | 3,099.88 | -0.62 | -7.06 | 1.53 | 1.00 | 1.00 | 0.00 |
| 3,200.00 | 3.85 | 265.00 | 3,199.71 | -1.13 | -12.88 | 2.79 | 1.00 | 1.00 | 0.00 |
| 3,300.00 | 4.85 | 265.00 | 3,299.42 | -1.79 | -20.44 | 4.43 | 1.00 | 1.00 | 0.00 |
| 3,400.00 | 5.85 | 265.00 | 3,398.98 | -2.60 | -29.73 | 6.44 | 1.00 | 1.00 | 0.00 |
| 3,500.00 | 6.85 | 265.00 | 3,498.37 | -3.56 | -40.74 | 8.82 | 1.00 | 1.00 | 0.00 |
| 3,600.00 | 7.85 | 265.00 | 3,597.55 | -4.68 | -53.49 | 11.59 | 1.00 | 1.00 | 0.00 |
| 3,700.00 | 8.85 | 265.00 | 3,696.49 | -5.95 | -67.95 | 14.72 | 1.00 | 1.00 | 0.00 |
| 3,800.00 | 9.85 | 265.00 | 3,795.16 | -7.36 | -84.14 | 18.22 | 1.00 | 1.00 | 0.00 |
| 3,900.00 | 10.85 | 265.00 | 3,893.53 | -8.93 | -102.04 | 22.10 | 1.00 | 1.00 | 0.00 |
| 4,000.00 | 11.85 | 265.00 | 3,991.57 | -10.64 | -121.64 | 26.35 | 1.00 | 1.00 | 0.00 |
| 4,100.00 | 12.85 | 265.00 | 4,089.25 | -12.51 | -142.95 | 30.96 | 1.00 | 1.00 | 0.00 |
| 4,200.00 | 13.85 | 265.00 | 4,186.55 | -14.52 | -165.95 | 35.94 | 1.00 | 1.00 | 0.00 |
| 4,300.00 | 14.85 | 265.00 | 4,283.43 | -16.68 | -190.64 | 41.29 | 1.00 | 1.00 | 0.00 |
| 4,400.00 | 15.85 | 265.00 | 4,379.86 | -18.99 | -217.01 | 47.00 | 1.00 | 1.00 | 0.00 |
| 4,500.00 | 16.85 | 265.00 | 4,475.82 | -21.44 | -245.05 | 53.08 | 1.00 | 1.00 | 0.00 |
| 4,600.00 | 17.85 | 265.00 | 4,571.27 | -24.04 | -274.76 | 59.51 | 1.00 | 1.00 | 0.00 |
| 4,615.00 | 18.00 | 265.00 | 4,585.54 | -24.44 | -279.36 | 60.51 | 1.00 | 1.00 | 0.00 |
| 4,700.00 | 18.00 | 265.00 | 4,666.38 | -26.73 | -305.52 | 66.18 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 18.00 | 265.00 | 4,761.48 | -29.42 | -336.31 | 72.84 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 18.00 | 265.00 | 4,856.59 | -32.12 | -367.09 | 79.51 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 18.00 | 265.00 | 4,951.69 | -34.81 | -397.88 | 86.18 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 18.00 | 265.00 | 5,046.80 | -37.50 | -428.66 | 92.85 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 18.00 | 265.00 | 5,141.91 | -40.20 | -459.45 | 99.51 | 0.00 | 0.00 | 0.00 |

OXY

Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | 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) |
| 5,300.00 | 18.00 | 265.00 | 5,237.01 | -42.89 | -490.23 | 106.18 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 18.00 | 265.00 | 5,332.12 | -45.58 | -521.01 | 112.85 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 18.00 | 265.00 | 5,427.22 | -48.28 | -551.80 | 119.52 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 18.00 | 265.00 | 5,522.33 | -50.97 | -582.58 | 126.19 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 18.00 | 265.00 | 5,617.43 | -53.66 | -613.37 | 132.85 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 18.00 | 265.00 | 5,712.54 | -56.36 | -644.15 | 139.52 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 18.00 | 265.00 | 5,807.64 | -59.05 | -674.93 | 146.19 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 18.00 | 265.00 | 5,902.75 | -61.74 | -705.72 | 152.86 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 18.00 | 265.00 | 5,997.86 | -64.44 | -736.50 | 159.52 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 18.00 | 265.00 | 6,092.96 | -67.13 | -767.29 | 166.19 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 18.00 | 265.00 | 6,188.07 | -69.82 | -798.07 | 172.86 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 18.00 | 265.00 | 6,283.17 | -72.52 | -828.85 | 179.53 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 18.00 | 265.00 | 6,378.28 | -75.21 | -859.64 | 186.20 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 18.00 | 265.00 | 6,473.38 | -77.90 | -890.42 | 192.86 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 18.00 | 265.00 | 6,568.49 | -80.60 | -921.21 | 199.53 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 18.00 | 265.00 | 6,663.60 | -83.29 | -951.99 | 206.20 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 18.00 | 265.00 | 6,758.70 | -85.98 | -982.78 | 212.87 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 18.00 | 265.00 | 6,853.81 | -88.67 | -1,013.56 | 219.53 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 18.00 | 265.00 | 6,948.91 | -91.37 | -1,044.34 | 226.20 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 18.00 | 265.00 | 7,044.02 | -94.06 | -1,075.13 | 232.87 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 18.00 | 265.00 | 7,139.12 | -96.75 | -1,105.91 | 239.54 | 0.00 | 0.00 | 0.00 |
| 7,307.00 | 18.00 | 265.00 | 7,145.78 | -96.94 | -1,108.07 | 240.00 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 25.59 | 250.26 | 7,232.14 | -105.00 | -1,141.36 | 252.31 | 10.00 | 8.16 | -15.85 |
| 7,500.00 | 34.64 | 241.71 | 7,318.59 | -125.81 | -1,186.82 | 278.85 | 10.00 | 9.06 | -8.55 |
| 7,600.00 | 44.07 | 236.42 | 7,395.84 | -158.60 | -1,240.96 | 318.40 | 10.00 | 9.43 | -5.30 |
| 7,609.76 | 45.00 | 236.00 | 7,402.80 | -162.41 | -1,246.65 | 322.91 | 10.00 | 9.54 | -4.27 |
| 7,700.00 | 49.39 | 225.24 | 7,464.20 | -204.46 | -1,297.53 | 371.21 | 10.00 | 4.87 | -11.93 |
| 7,800.00 | 55.26 | 214.99 | 7,525.39 | -265.00 | -1,348.17 | 437.82 | 10.00 | 5.87 | -10.25 |
| 7,900.00 | 61.87 | 206.18 | 7,577.59 | -338.42 | -1,391.29 | 516.21 | 10.00 | 6.61 | -8.81 |
| 8,000.00 | 68.97 | 198.43 | 7,619.22 | -422.48 | -1,425.59 | 604.01 | 10.00 | 7.10 | -7.75 |
| 8,100.00 | 76.39 | 191.41 | 7,648.99 | -514.62 | -1,450.02 | 698.55 | 10.00 | 7.42 | -7.03 |
| 8,200.00 | 84.00 | 184.81 | 7,666.02 | -612.06 | -1,463.84 | 796.96 | 10.00 | 7.61 | -6.59 |
| 8,276.87 | 89.91 | 179.88 | 7,670.11 | -688.70 | -1,466.98 | 873.36 | 10.00 | 7.68 | -6.41 |
| 8,300.00 | 89.91 | 179.88 | 7,670.14 | -711.83 | -1,466.93 | 896.28 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 89.91 | 179.88 | 7,670.31 | -811.83 | -1,466.72 | 995.41 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 89.91 | 179.88 | 7,670.47 | -911.83 | -1,466.52 | 1,094.53 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 89.91 | 179.88 | 7,670.63 | -1,011.83 | -1,466.31 | 1,193.66 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 89.91 | 179.88 | 7,670.79 | -1,111.83 | -1,466.11 | 1,292.79 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 89.91 | 179.88 | 7,670.96 | -1,211.83 | -1,465.90 | 1,391.91 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 89.91 | 179.88 | 7,671.12 | -1,311.83 | -1,465.70 | 1,491.04 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 89.91 | 179.88 | 7,671.28 | -1,411.83 | -1,465.50 | 1,590.17 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 89.91 | 179.88 | 7,671.44 | -1,511.83 | -1,465.29 | 1,689.29 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 89.91 | 179.88 | 7,671.61 | -1,611.83 | -1,465.09 | 1,788.42 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 89.91 | 179.88 | 7,671.77 | -1,711.83 | -1,464.88 | 1,887.55 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 89.91 | 179.88 | 7,671.93 | -1,811.82 | -1,464.68 | 1,986.67 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 89.91 | 179.88 | 7,672.09 | -1,911.82 | -1,464.47 | 2,085.80 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 89.91 | 179.88 | 7,672.26 | -2,011.82 | -1,464.27 | 2,184.93 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 89.91 | 179.88 | 7,672.42 | -2,111.82 | -1,464.06 | 2,284.05 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 89.91 | 179.88 | 7,672.58 | -2,211.82 | -1,463.86 | 2,383.18 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 89.91 | 179.88 | 7,672.74 | -2,311.82 | -1,463.65 | 2,482.30 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 89.91 | 179.88 | 7,672.91 | -2,411.82 | -1,463.45 | 2,581.43 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 89.91 | 179.88 | 7,673.07 | -2,511.82 | -1,463.24 | 2,680.56 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 89.91 | 179.88 | 7,673.23 | -2,611.82 | -1,463.04 | 2,779.68 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 89.91 | 179.88 | 7,673.39 | -2,711.82 | -1,462.83 | 2,878.81 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 89.91 | 179.88 | 7,673.56 | -2,811.82 | -1,462.63 | 2,977.94 | 0.00 | 0.00 | 0.00 |

OXY

Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | 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 | 89.91 | 179.88 | 7,673.72 | -2,911.82 | -1,462.43 | 3,077.06 | 0.00 | 0.00 | 0.00 | |
| 10,600.00 | 89.91 | 179.88 | 7,673.88 | -3,011.82 | -1,462.22 | 3,176.19 | 0.00 | 0.00 | 0.00 | |
| 10,700.00 | 89.91 | 179.88 | 7,674.04 | -3,111.82 | -1,462.02 | 3,275.32 | 0.00 | 0.00 | 0.00 | |
| 10,800.00 | 89.91 | 179.88 | 7,674.21 | -3,211.82 | -1,461.81 | 3,374.44 | 0.00 | 0.00 | 0.00 | |
| 10,900.00 | 89.91 | 179.88 | 7,674.37 | -3,311.82 | -1,461.61 | 3,473.57 | 0.00 | 0.00 | 0.00 | |
| 11,000.00 | 89.91 | 179.88 | 7,674.53 | -3,411.82 | -1,461.40 | 3,572.70 | 0.00 | 0.00 | 0.00 | |
| 11,100.00 | 89.91 | 179.88 | 7,674.69 | -3,511.82 | -1,461.20 | 3,671.82 | 0.00 | 0.00 | 0.00 | |
| 11,200.00 | 89.91 | 179.88 | 7,674.86 | -3,611.82 | -1,460.99 | 3,770.95 | 0.00 | 0.00 | 0.00 | |
| 11,300.00 | 89.91 | 179.88 | 7,675.02 | -3,711.82 | -1,460.79 | 3,870.08 | 0.00 | 0.00 | 0.00 | |
| 11,400.00 | 89.91 | 179.88 | 7,675.18 | -3,811.82 | -1,460.58 | 3,969.20 | 0.00 | 0.00 | 0.00 | |
| 11,500.00 | 89.91 | 179.88 | 7,675.34 | -3,911.82 | -1,460.38 | 4,068.33 | 0.00 | 0.00 | 0.00 | |
| 11,600.00 | 89.91 | 179.88 | 7,675.51 | -4,011.82 | -1,460.17 | 4,167.45 | 0.00 | 0.00 | 0.00 | |
| 11,700.00 | 89.91 | 179.88 | 7,675.67 | -4,111.82 | -1,459.97 | 4,266.58 | 0.00 | 0.00 | 0.00 | |
| 11,800.00 | 89.91 | 179.88 | 7,675.83 | -4,211.82 | -1,459.76 | 4,365.71 | 0.00 | 0.00 | 0.00 | |
| 11,900.00 | 89.91 | 179.88 | 7,675.99 | -4,311.82 | -1,459.56 | 4,464.83 | 0.00 | 0.00 | 0.00 | |
| 12,000.00 | 89.91 | 179.88 | 7,676.16 | -4,411.82 | -1,459.35 | 4,563.96 | 0.00 | 0.00 | 0.00 | |
| 12,100.00 | 89.91 | 179.88 | 7,676.32 | -4,511.82 | -1,459.15 | 4,663.09 | 0.00 | 0.00 | 0.00 | |
| 12,200.00 | 89.91 | 179.88 | 7,676.48 | -4,611.82 | -1,458.95 | 4,762.21 | 0.00 | 0.00 | 0.00 | |
| 12,300.00 | 89.91 | 179.88 | 7,676.64 | -4,711.82 | -1,458.74 | 4,861.34 | 0.00 | 0.00 | 0.00 | |
| 12,400.00 | 89.91 | 179.88 | 7,676.81 | -4,811.81 | -1,458.54 | 4,960.47 | 0.00 | 0.00 | 0.00 | |
| 12,500.00 | 89.91 | 179.88 | 7,676.97 | -4,911.81 | -1,458.33 | 5,059.59 | 0.00 | 0.00 | 0.00 | |
| 12,600.00 | 89.91 | 179.88 | 7,677.13 | -5,011.81 | -1,458.13 | 5,158.72 | 0.00 | 0.00 | 0.00 | |
| 12,700.00 | 89.91 | 179.88 | 7,677.29 | -5,111.81 | -1,457.92 | 5,257.85 | 0.00 | 0.00 | 0.00 | |
| 12,800.00 | 89.91 | 179.88 | 7,677.46 | -5,211.81 | -1,457.72 | 5,356.97 | 0.00 | 0.00 | 0.00 | |
| 12,900.00 | 89.91 | 179.88 | 7,677.62 | -5,311.81 | -1,457.51 | 5,456.10 | 0.00 | 0.00 | 0.00 | |
| 13,000.00 | 89.91 | 179.88 | 7,677.78 | -5,411.81 | -1,457.31 | 5,555.23 | 0.00 | 0.00 | 0.00 | |
| 13,100.00 | 89.91 | 179.88 | 7,677.94 | -5,511.81 | -1,457.10 | 5,654.35 | 0.00 | 0.00 | 0.00 | |
| 13,200.00 | 89.91 | 179.88 | 7,678.10 | -5,611.81 | -1,456.90 | 5,753.48 | 0.00 | 0.00 | 0.00 | |
| 13,300.00 | 89.91 | 179.88 | 7,678.27 | -5,711.81 | -1,456.69 | 5,852.60 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 89.91 | 179.88 | 7,678.43 | -5,811.81 | -1,456.49 | 5,951.73 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 89.91 | 179.88 | 7,678.59 | -5,911.81 | -1,456.28 | 6,050.86 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 89.91 | 179.88 | 7,678.75 | -6,011.81 | -1,456.08 | 6,149.98 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 89.91 | 179.88 | 7,678.92 | -6,111.81 | -1,455.88 | 6,249.11 | 0.00 | 0.00 | 0.00 | |
| 13,800.00 | 89.91 | 179.88 | 7,679.08 | -6,211.81 | -1,455.67 | 6,348.24 | 0.00 | 0.00 | 0.00 | |
| 13,900.00 | 89.91 | 179.88 | 7,679.24 | -6,311.81 | -1,455.47 | 6,447.36 | 0.00 | 0.00 | 0.00 | |
| 14,000.00 | 89.91 | 179.88 | 7,679.40 | -6,411.81 | -1,455.26 | 6,546.49 | 0.00 | 0.00 | 0.00 | |
| 14,100.00 | 89.91 | 179.88 | 7,679.57 | -6,511.81 | -1,455.06 | 6,645.62 | 0.00 | 0.00 | 0.00 | |
| 14,200.00 | 89.91 | 179.88 | 7,679.73 | -6,611.81 | -1,454.85 | 6,744.74 | 0.00 | 0.00 | 0.00 | |
| 14,300.00 | 89.91 | 179.88 | 7,679.89 | -6,711.81 | -1,454.65 | 6,843.87 | 0.00 | 0.00 | 0.00 | |
| 14,400.00 | 89.91 | 179.88 | 7,680.05 | -6,811.81 | -1,454.44 | 6,943.00 | 0.00 | 0.00 | 0.00 | |
| 14,500.00 | 89.91 | 179.88 | 7,680.22 | -6,911.81 | -1,454.24 | 7,042.12 | 0.00 | 0.00 | 0.00 | |
| 14,600.00 | 89.91 | 179.88 | 7,680.38 | -7,011.81 | -1,454.03 | 7,141.25 | 0.00 | 0.00 | 0.00 | |
| 14,700.00 | 89.91 | 179.88 | 7,680.54 | -7,111.81 | -1,453.83 | 7,240.37 | 0.00 | 0.00 | 0.00 | |
| 14,800.00 | 89.91 | 179.88 | 7,680.70 | -7,211.81 | -1,453.62 | 7,339.50 | 0.00 | 0.00 | 0.00 | |
| 14,900.00 | 89.91 | 179.88 | 7,680.87 | -7,311.81 | -1,453.42 | 7,438.63 | 0.00 | 0.00 | 0.00 | |
| 15,000.00 | 89.91 | 179.88 | 7,681.03 | -7,411.81 | -1,453.21 | 7,537.75 | 0.00 | 0.00 | 0.00 | |
| 15,100.00 | 89.91 | 179.88 | 7,681.19 | -7,511.81 | -1,453.01 | 7,636.88 | 0.00 | 0.00 | 0.00 | |
| 15,200.00 | 89.91 | 179.88 | 7,681.35 | -7,611.81 | -1,452.80 | 7,736.01 | 0.00 | 0.00 | 0.00 | |
| 15,300.00 | 89.91 | 179.88 | 7,681.52 | -7,711.80 | -1,452.60 | 7,835.13 | 0.00 | 0.00 | 0.00 | |
| 15,400.00 | 89.91 | 179.88 | 7,681.68 | -7,811.80 | -1,452.40 | 7,934.26 | 0.00 | 0.00 | 0.00 | |
| 15,500.00 | 89.91 | 179.88 | 7,681.84 | -7,911.80 | -1,452.19 | 8,033.39 | 0.00 | 0.00 | 0.00 | |
| 15,600.00 | 89.91 | 179.88 | 7,682.00 | -8,011.80 | -1,451.99 | 8,132.51 | 0.00 | 0.00 | 0.00 | |
| 15,700.00 | 89.91 | 179.88 | 7,682.17 | -8,111.80 | -1,451.78 | 8,231.64 | 0.00 | 0.00 | 0.00 | |
| 15,800.00 | 89.91 | 179.88 | 7,682.33 | -8,211.80 | -1,451.58 | 8,330.77 | 0.00 | 0.00 | 0.00 | |
| 15,900.00 | 89.91 | 179.88 | 7,682.49 | -8,311.80 | -1,451.37 | 8,429.89 | 0.00 | 0.00 | 0.00 | |

OXY Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | 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) |
| 16,000.00 | 89.91 | 179.88 | 7,682.65 | -8,411.80 | -1,451.17 | 8,529.02 | 0.00 | 0.00 | 0.00 |
| 16,100.00 | 89.91 | 179.88 | 7,682.82 | -8,511.80 | -1,450.96 | 8,628.15 | 0.00 | 0.00 | 0.00 |
| 16,200.00 | 89.91 | 179.88 | 7,682.98 | -8,611.80 | -1,450.76 | 8,727.27 | 0.00 | 0.00 | 0.00 |
| 16,300.00 | 89.91 | 179.88 | 7,683.14 | -8,711.80 | -1,450.55 | 8,826.40 | 0.00 | 0.00 | 0.00 |
| 16,400.00 | 89.91 | 179.88 | 7,683.30 | -8,811.80 | -1,450.35 | 8,925.52 | 0.00 | 0.00 | 0.00 |
| 16,500.00 | 89.91 | 179.88 | 7,683.47 | -8,911.80 | -1,450.14 | 9,024.65 | 0.00 | 0.00 | 0.00 |
| 16,600.00 | 89.91 | 179.88 | 7,683.63 | -9,011.80 | -1,449.94 | 9,123.78 | 0.00 | 0.00 | 0.00 |
| 16,700.00 | 89.91 | 179.88 | 7,683.79 | -9,111.80 | -1,449.73 | 9,222.90 | 0.00 | 0.00 | 0.00 |
| 16,800.00 | 89.91 | 179.88 | 7,683.95 | -9,211.80 | -1,449.53 | 9,322.03 | 0.00 | 0.00 | 0.00 |
| 16,900.00 | 89.91 | 179.88 | 7,684.12 | -9,311.80 | -1,449.33 | 9,421.16 | 0.00 | 0.00 | 0.00 |
| 17,000.00 | 89.91 | 179.88 | 7,684.28 | -9,411.80 | -1,449.12 | 9,520.28 | 0.00 | 0.00 | 0.00 |
| 17,100.00 | 89.91 | 179.88 | 7,684.44 | -9,511.80 | -1,448.92 | 9,619.41 | 0.00 | 0.00 | 0.00 |
| 17,200.00 | 89.91 | 179.88 | 7,684.60 | -9,611.80 | -1,448.71 | 9,718.54 | 0.00 | 0.00 | 0.00 |
| 17,300.00 | 89.91 | 179.88 | 7,684.77 | -9,711.80 | -1,448.51 | 9,817.66 | 0.00 | 0.00 | 0.00 |
| 17,400.00 | 89.91 | 179.88 | 7,684.93 | -9,811.80 | -1,448.30 | 9,916.79 | 0.00 | 0.00 | 0.00 |
| 17,500.00 | 89.91 | 179.88 | 7,685.09 | -9,911.80 | -1,448.10 | 10,015.92 | 0.00 | 0.00 | 0.00 |
| 17,600.00 | 89.91 | 179.88 | 7,685.25 | -10,011.80 | -1,447.89 | 10,115.04 | 0.00 | 0.00 | 0.00 |
| 17,700.00 | 89.91 | 179.88 | 7,685.42 | -10,111.80 | -1,447.69 | 10,214.17 | 0.00 | 0.00 | 0.00 |
| 17,800.00 | 89.91 | 179.88 | 7,685.58 | -10,211.80 | -1,447.48 | 10,313.30 | 0.00 | 0.00 | 0.00 |
| 17,900.00 | 89.91 | 179.88 | 7,685.74 | -10,311.80 | -1,447.28 | 10,412.42 | 0.00 | 0.00 | 0.00 |
| 18,000.00 | 89.91 | 179.88 | 7,685.90 | -10,411.80 | -1,447.07 | 10,511.55 | 0.00 | 0.00 | 0.00 |
| 18,100.00 | 89.91 | 179.88 | 7,686.07 | -10,511.80 | -1,446.87 | 10,610.67 | 0.00 | 0.00 | 0.00 |
| 18,200.00 | 89.91 | 179.88 | 7,686.23 | -10,611.80 | -1,446.66 | 10,709.80 | 0.00 | 0.00 | 0.00 |
| 18,300.00 | 89.91 | 179.88 | 7,686.39 | -10,711.79 | -1,446.46 | 10,808.93 | 0.00 | 0.00 | 0.00 |
| 18,400.00 | 89.91 | 179.88 | 7,686.55 | -10,811.79 | -1,446.26 | 10,908.05 | 0.00 | 0.00 | 0.00 |
| 18,500.00 | 89.91 | 179.88 | 7,686.71 | -10,911.79 | -1,446.05 | 11,007.18 | 0.00 | 0.00 | 0.00 |
| 18,600.00 | 89.91 | 179.88 | 7,686.88 | -11,011.79 | -1,445.85 | 11,106.31 | 0.00 | 0.00 | 0.00 |
| 18,628.33 | 89.91 | 179.88 | 7,686.92 | -11,040.12 | -1,445.79 | 11,134.38 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| FTP (Salt Flat CC - hit/miss target - Shape - Point) | 0.00 | 0.00 | 7,652.38 | -530.29 | -1,467.21 | 440,308.44 | 640,089.17 | 32.210082 | -104.014038 |
| - plan misses target center by 13.99ft at 8118.27ft MD (7653.08 TVD, -532.11 N, -1453.35 E) | | | | | | | | | |
| PBHL (Salt Flat CC - plan hits target center - Point) | 0.00 | 0.00 | 7,686.92 | -11,040.12 | -1,445.79 | 429,799.47 | 640,110.59 | 32.181194 | -104.014070 |

OXY

Planning Report

| | | | |
|------------------|-------------------------------------|-------------------------------------|---|
| Database: | HOPSPP | Local Co-ordinate Reference: | Well Salt Flat CC 20_29 Federal Com 11H |
| Company: | ENGINEERING DESIGNS | TVD Reference: | RKB=25' @ 2960.60ft |
| Project: | PRD NM DIRECTIONAL PLANS (NAD 1983) | MD Reference: | RKB=25' @ 2960.60ft |
| Site: | Salt Flat CC 20-29 Federal Com | North Reference: | Grid |
| Well: | Salt Flat CC 20_29 Federal Com 11H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Permitting Plan | | |

| Formations | | | | | |
|---------------------|---------------------|-----------------|-----------|---------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 258.60 | 258.60 | RUSTLER | | | |
| 553.60 | 553.60 | SALADO | | | |
| 1,212.60 | 1,212.60 | CASTILE | | | |
| 2,765.60 | 2,765.60 | DELAWARE | | | |
| 2,808.60 | 2,808.60 | BELL CANYON | | | |
| 3,699.10 | 3,695.60 | CHERRY CANYON | | | |
| 4,988.34 | 4,940.60 | BRUSHY CANYON | | | |
| 6,660.16 | 6,530.60 | BONE SPRING | | | |
| 7,736.71 | 7,487.60 | BONE SPRING 1ST | | | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|----------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 2,815.00 | 2,815.00 | 0.00 | 0.00 | Build 1°/100' |
| 4,615.00 | 4,585.54 | -24.44 | -279.36 | Hold 18° Tangent |
| 7,307.00 | 7,145.78 | -96.94 | -1,108.07 | KOP, Build & Turn 10°/100' |
| 7,609.76 | 7,402.80 | -162.41 | -1,246.65 | Continue 10°/100' |
| 8,276.87 | 7,670.11 | -688.70 | -1,466.98 | Landing Point |
| 18,628.33 | 7,686.92 | -11,040.12 | -1,445.79 | TD at 18628.33' MD |



Project: PRD NM DIRECTIONAL PLANS (NAD 1983)
 Site: Salt Flat CC 20-29 Federal Com
 Well: Salt Flat CC 20-29 Federal Com 11H
 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: Salt Flat CC 20-29 Federal Com 11H

| +N/-S | +E/-W | Northing | Ground Level: Easting | 2935.60 | Latitude | Longitude |
|-------|-------|-----------|--------------------------|---------|-----------|-------------|
| 0.00 | 0.00 | 440838.69 | 641556.26 | | 32.211527 | -104.009289 |

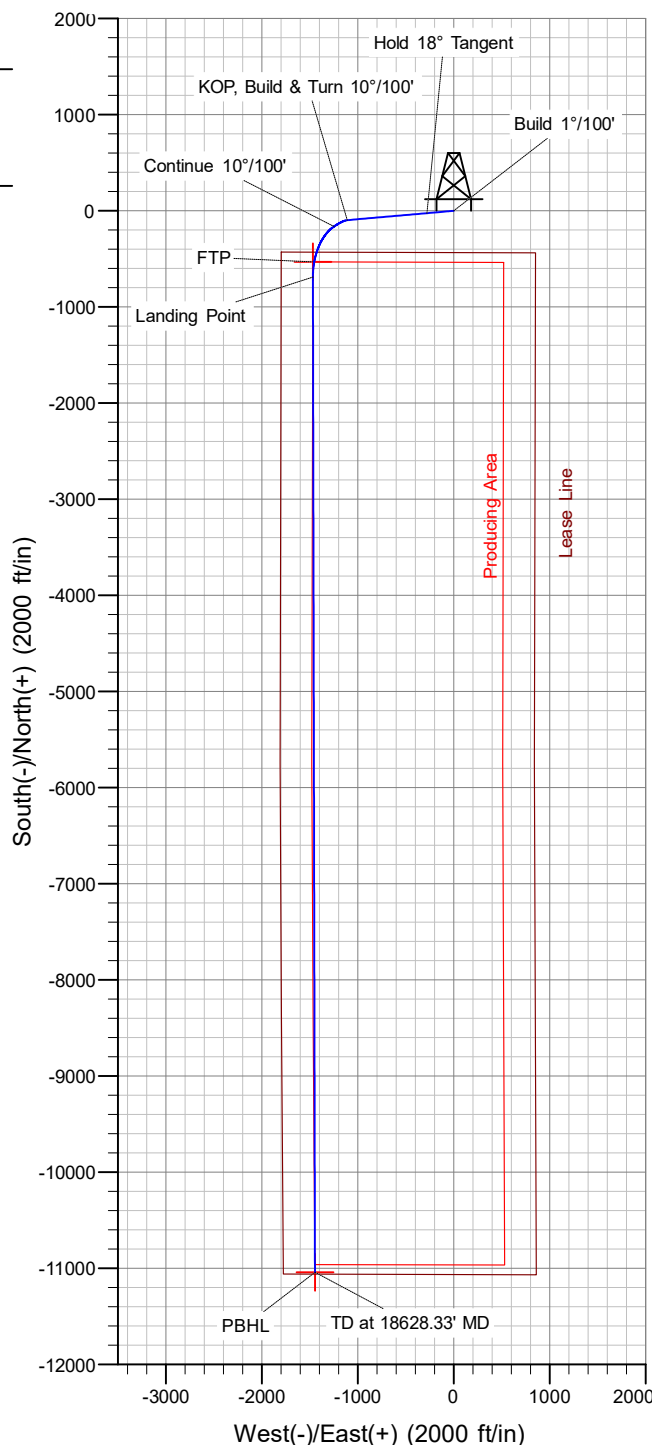
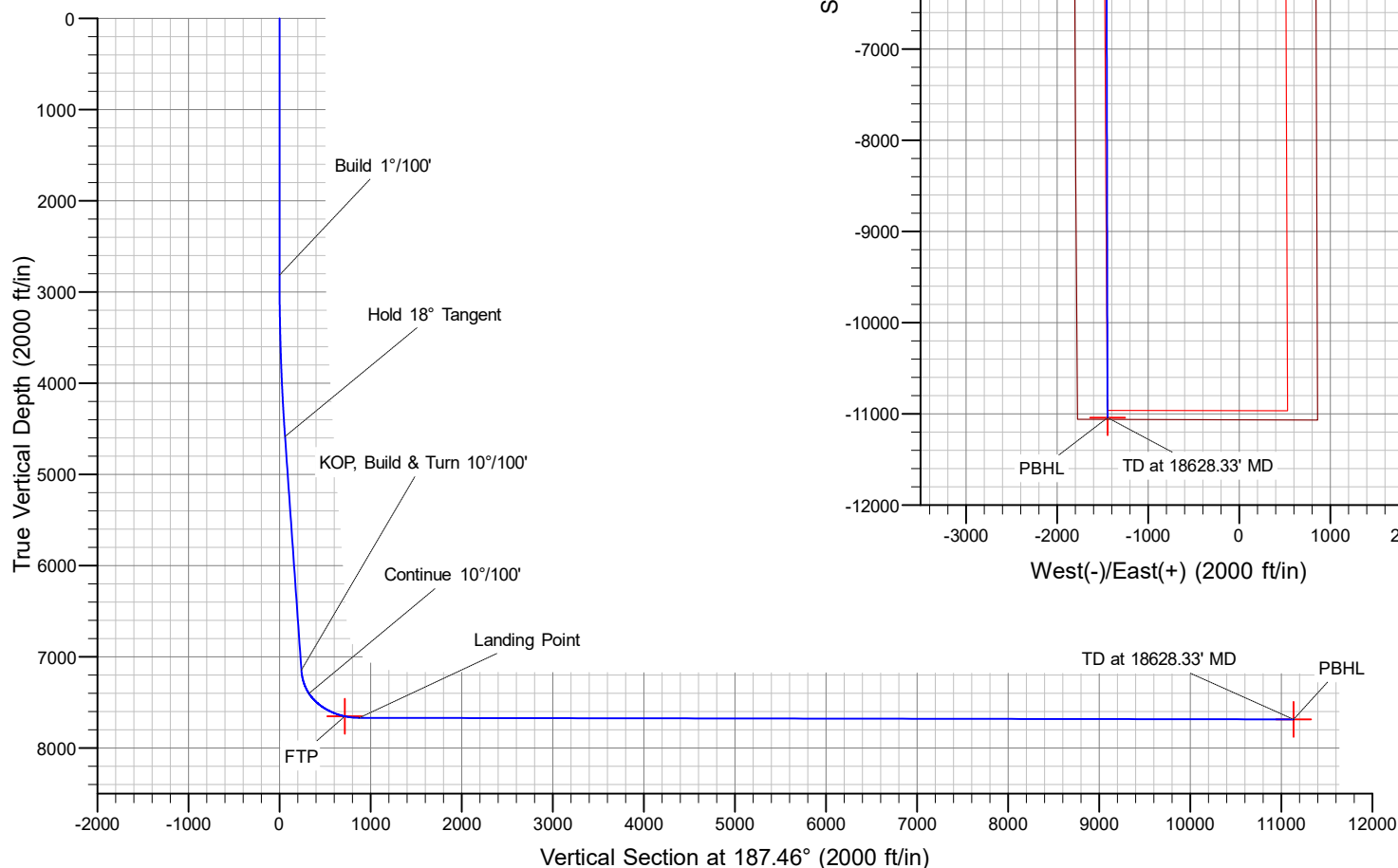
SECTION DETAILS

| 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 | |
| 2815.00 | 0.00 | 0.00 | 2815.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Build 1°/100' |
| 4615.00 | 18.00 | 265.00 | 4585.54 | -24.44 | -279.36 | 1.00 | 265.00 | 60.51 | Hold 18° Tangent |
| 7307.00 | 18.00 | 265.00 | 7145.78 | -96.94 | -1108.07 | 0.00 | 0.00 | 240.00 | KOP, Build & Turn 10°/100' |
| 7609.76 | 45.00 | 236.00 | 7402.80 | -162.41 | -1246.65 | 10.00 | -42.84 | 322.91 | Continue 10°/100' |
| 8276.87 | 89.91 | 179.88 | 7670.11 | -688.70 | -1466.98 | 10.00 | -64.66 | 873.36 | Landing Point |
| 18628.33 | 89.91 | 179.88 | 7686.92 | -11040.12 | -1445.79 | 0.00 | 0.00 | 11134.38 | TD at 18628.33' MD |



Azimuths to Grid North
 True North: -0.17°
 Magnetic North: 6.81°

Magnetic Field
 Strength: 47921.1nT
 Dip Angle: 59.93°
 Date: 4/23/2019
 Model: HDGM_FILE



Oxy USA Inc. - Salt Flat CC 20_29 Federal Com 11H

Drill Plan

1. Geologic Formations

| | | | |
|----------------------------|-------|------------------------------------|-----|
| TVD of Target (ft): | 7692 | Pilot Hole Depth (ft): | |
| Total Measured Depth (ft): | 18611 | Deepest Expected Fresh Water (ft): | 297 |

Delaware Basin

| Formation | MD-RKB (ft) | TVD-RKB (ft) | Expected Fluids |
|-----------------|-------------|--------------|-----------------|
| Rustler | 297 | 297 | |
| Salado | 555 | 555 | Salt |
| Castile | 1214 | 1214 | Salt |
| Delaware | 2767 | 2767 | Oil/Gas/Brine |
| Bell Canyon | 2847 | 2847 | Oil/Gas/Brine |
| Cherry Canyon | 3698 | 3697 | Oil/Gas/Brine |
| Brushy Canyon | 4980 | 4942 | Losses |
| Bone Spring | 6652 | 6532 | Oil/Gas |
| Bone Spring 1st | 7715 | 7489 | Oil/Gas |
| Bone Spring 2nd | | | 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

| Section | Hole Size (in) | MD | | TVD | | Csg. OD (in) | Csg Wt. (ppf) | Grade | Conn. |
|--------------|----------------|-----------|---------|-----------|---------|--------------|---------------|---------|-------|
| | | From (ft) | To (ft) | From (ft) | To (ft) | | | | |
| Surface | 17.5 | 0 | 495 | 0 | 495 | 13.375 | 54.5 | J-55 | BTC |
| Intermediate | 9.875 | 0 | 7212 | 0 | 7060 | 7.625 | 26.4 | L-80 HC | BTC |
| Production | 6.75 | 0 | 18611 | 0 | 7692 | 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 production casing with DQX, TORQ DQW, Wedge 425, Wedge 461, and/or Wedge 441 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? 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 rd 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 nd 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% | 495 | - | 517 | 688 | Circulate |
| Int. | 1 | Intermediate 1S - Tail | OH x Csg | 0.2148 | 5% | 7,212 | 5,230 | 271 | 447 | Circulate |
| Int. | 2 | Intermediate 2S - Tail BH | OH x Csg | 0.2148 | 25% | 5,230 | 495 | 743 | 1271 | Bradenhead |
| Int. | 2 | Intermediate 2S - Tail BH | Csg x Csg | 0.5509 | 0% | 495 | - | 159 | 273 | Bradenhead |
| Prod. | 1 | Production - Tail | OH x Csg | 0.2526 | 25% | 18,611 | 7,212 | 2608 | 3599 | Circulate |
| Prod. | 1 | Production - Tail | Csg x Csg | 0.0999 | 0% | 7,212 | 6,712 | 36 | 50 | Circulate |

| Description | Density (lb/gal) | Yield (ft ³ /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 1S - Tail | 13.2 | 1.65 | 8.64 | 11:54 | H | x | x | x | x |
| Intermediate 2S - Tail BH | 13.3 | 1.71 | 8.86 | 23:10 | C | 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.

Oxy requests permission to adjust the CBL requirement after bradenhead cement jobs, on 7-5/8" intermediate casings, as per the agreement reached in the OXY/BLM meeting on September 5, 2019.

Three string wells:

- CBL will be required on one well per pad
- If the pumped volume of cement is less than permitted in the APD, BLM will be notified and a CBL may be run
- Echometer will be used after bradenhead cement job to determine TOC before pumping top-out cement

4. Pressure Control Equipment

| BOP installed and tested before drilling which hole? | Size? | Min. Required WP | Type | | ✓ | Tested to: | Deepest TVD Depth (ft) per Section: |
|--|---------|------------------|------------|--|---|-------------------------|-------------------------------------|
| 9.875" Hole | 13-5/8" | 3M | Annular | | ✓ | 70% of working pressure | 7060 |
| | | 3M | Blind Ram | | ✓ | 250 psi / 3000 psi | |
| | | | Pipe Ram | | | | |
| | | | Double Ram | | ✓ | | |
| | | | Other* | | | | |
| 6.75" Hole | 13-5/8" | 3M | Annular | | ✓ | 70% of working pressure | 7692 |
| | | 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 manifold.

| | |
|---|--|
| | 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? |
| | 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. See attached schematics. |

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.

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.

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.

- 1) Wellhead flange, co-flex hose, check valve, upper pipe rams

5. Mud Program

| Section | Depth - MD | | Depth - TVD | | Type | Weight (ppg) | Viscosity | Water Loss |
|--------------|------------|---------|-------------|---------|--|--------------|-----------|------------|
| | From (ft) | To (ft) | From (ft) | To (ft) | | | | |
| Surface | 0 | 495 | 0 | 495 | Water-Based Mud | 8.6 - 8.8 | 40-60 | N/C |
| Intermediate | 495 | 7212 | 495 | 7060 | Saturated Brine-Based or Oil-Based Mud | 8.0 - 10.0 | 35-45 | N/C |
| Production | 7212 | 18611 | 7060 | 7692 | 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 | 3840 psi |
| Abnormal Temperature | No |
| BH Temperature at deepest TVD | 142°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 zonal

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. We plan to drill the 2 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. 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 |

Total Estimated Cuttings Volume: 1289 bbls

Attachments

☒ Directional Plan

☒ H2S Contingency Plan

☒ Flex III Attachments

☒ Spudder Rig Attachment

☒ Premium Connection Specs

9. Company Personnel

| Name | Title | Office Phone | Mobile Phone |
|-----------------|------------------------------|--------------|--------------|
| Garrett Granier | Drilling Engineer | 713-513-6633 | 832-265-0581 |
| Filip Krneta | Drilling Engineer Supervisor | 713-350-4751 | 832-244-4980 |
| Simon Benavides | Drilling Superintendent | 713-522-8652 | 281-684-6897 |
| Diego Tellez | Drilling Manager | 713-350-4602 | 713-303-4932 |

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1625 N. French Dr., Hobbs, NM 88240
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District II
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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

COMMENTS

Action 133030

COMMENTS

| | |
|--|--|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 133030 |
| | Action Type: [C-103] NOI Change of Plans (C-103A) |

COMMENTS

| Created By | Comment | Comment Date |
|------------|---------------|--------------|
| kpickford | Defining well | 8/11/2022 |

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CONDITIONS

Action 133030

CONDITIONS

| | |
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| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 133030 |
| | Action Type: [C-103] NOI Change of Plans (C-103A) |

CONDITIONS

| | | |
|------------|---|----------------|
| Created By | Condition | Condition Date |
| kpickford | Adhere to previous NMOCD Conditions of Approval | 8/11/2022 |