Well Name: IRIDIUM MDP1 28-21 FEDERAL COM

Well Location: T23S / R31E / SEC 28 / SESW / 32.269857 / -103.785376

County or Parish/State: EDDY / NM

Well Number: 75H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM40659

Unit or CA Name:

Unit or CA Number: NMNM138937

US Well Number:

Operator: OXY USA INCORPORATED

Notice of Intent

Sundry ID: 2841010

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/10/2025

Time Sundry Submitted: 02:30

Date proposed operation will begin: 05/01/2025

Procedure Description: OXY USA Inc. respectfully requests approval to amend the subject well AAPD to change the SHL, BHL, and amend the Drilling Plan. SHL updated from 610' FSL & 1829' FWL SESW to 609' FSL & 1964' FWL SESW. BHL updated from 20' FNL & 1310' FWL NWNW to 20' FNL & 2310' FWL NENW. Please see the attached well plat, revised drill plan, and updated directional for reference. There is no additional surface disturbance included in this sundry.

NOI Attachments

Procedure Description

IRIDIUMMDP128_21FEDCOM75H_New_Roads_20250310142848.pdf

IRIDIUMMDP128_21FEDCOM75H_Existing_Roads_20250310142831.pdf

IRIDIUMMDP128_21FEDCOM75H_2024_KPLA_Addendum_WellboreSchematics_20250310142608.pdf

IRIDIUMMDP128_21FEDCOM75H_API_BTC_SC_10.750in_45.50ppf_L80IC_20250310142530.pdf

IRIDIUMMDP128_21FEDCOM75H_VAM_SPRINT_SF_5.5in_20ppf_P110RY_20250310140849.pdf

IRIDIUMMDP128_21FEDCOM75H_DrillPlan_20250310140309.pdf

IridiumMDP128_21FedCom75H_DirectPlan_20250310140253.pdf

IRIDIUMMDP128_21FEDCOM75H_APDCHGSUNDRYWORKSHEET_20250310140240.pdf

IRIDIUMMDP128_21FEDCOM75H_C102_20250310140116.pdf

Well Name: IRIDIUM MDP1 28-21 FEDERAL COM

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Unit or CA Number: NMNM138937

US Well Number:

Operator: OXY USA INCORPORATED

Conditions of Approval

Additional

IRIDIUM_MDP1_28_21_FEDERAL_COM_75H___COA_20250325163212.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: SARA GUTHRIE

Signed on: MAR 10, 2025 02:09 PM

Name: OXY USA INCORPORATED

Title: Regulatory Advisor

Street Address: 5 GREENWAY PLAZA SUITE 110

City: HOUSTON **State:** TX

Phone: (713) 497-2851

Email address: SARA_GUTHRIE@OXY.COM

Field

Representative Name: Michael Wilson

Street Address:

City: **State:** **Zip:**

Phone: (575)631-6618

Email address: michael_wilson@oxy.com

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 03/26/2025

Signature: Chris Walls

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 perfonned 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 recompletion 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.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

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

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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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: SESW / 610 FSL / 1829 FWL / TWSP: 23S / RANGE: 31E / SECTION: 28 / LAT: 32.269857 / LONG: -103.785376 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 100 FSL / 1310 FWL / TWSP: 23S / RANGE: 31E / SECTION: 28 / LAT: 32.2684549 / LONG: -103.7870529 (TVD: 8724 feet, MD: 9201 feet)

BHL: NWNW / 20 FNL / 1310 FWL / TWSP: 23S / RANGE: 31E / SECTION: 21 / LAT: 32.2971642 / LONG: -103.7870914 (TVD: 8716 feet, MD: 19476 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	OXY USA INC.
WELL NAME & NO.:	IRIDIUM MDP1 28 21 FEDERAL COM H
LOCATION:	Sec28, T23S, R31E
COUNTY:	Eddy County, New Mexico

SUNDRY COA. ALL PREVIOUS COAs STILL APPLY

COA

H_2S	○ No		◉ Yes	
Potash / WIPP	○ None	○ Secretary	◉ R-111-Q	☑ Open Annulus
	4-String Design: Open 1st Int x 2nd Annulus (ICP 2 below Relief Zone)			☐ WIPP
Cave / Karst	◉ Low	○ Medium	○ High	○ Critical
Wellhead	○ Conventional	◉ Multibowl	○ Both	○ Diverter
Cementing	☑ Primary Squeeze	☐ Cont. Squeeze	☑ EchoMeter	☐ DV Tool
Special Req	☐ Capitan Reef	☐ Water Disposal	☑ COM	☐ Unit
Waste Prev.	○ Self-Certification	○ Waste Min. Plan	◉ APD Submitted prior to 06/10/2024	
Additional Language	☑ Flex Hose	☑ Casing Clearance	☐ Pilot Hole	☑ Break Testing
	☑ Four-String	☑ Offline Cementing	☐ Fluid-Filled	

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet all requirements from 43 CFR 3176, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

APD is within the R-111-Q defined boundary. Operator must follow all procedures and requirements listed within the updated order.

B. CASING

Set points in COA reflects requirements from BLM Geology. Please review.

1. The **13-3/8** inch surface casing shall be set at approximately **565** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface. *BLM Geology: BLM proposes to set the surface casing at 565' in the Rustler fm. managing BLM identified groundwater zones and karst surface to groundwater transport structures.*

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of

the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.

b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 pounds compressive strength**, whichever is greater. (This is to include the lead cement)
c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The **10-3/4** inch intermediate salt protection casing shall be set at approximately **4167** feet **TVD**. *For R111Q, please set salt protection string prior to entering hydrocarbon bearing zone(Delaware.)*. The minimum required fill of cement behind the **10-3/4** inch intermediate casing is:

Option 1 (Single Stage):

- Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, Capitan Reef, or potash.**

3. The **7-5/8** inch second intermediate casing shall be set at approximately **11,866** feet. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

Option 1 (Primary + Post Frac Bradenhead):

- Cement should tie-back **500 feet** into the previous casing but not higher than USGS Marker Bed No. 126. **Operator must verify top of cement per R-111-Q requirements.** Submit results to the BLM. If cement does not circulate, contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, Capitan Reef, or potash.**

❖ **A monitored open annulus will be incorporated during completion by leaving the Intermediate Casing 1 x Intermediate Casing 2 annulus un-cemented and monitored inside the Intermediate String.** Operator must follow monitoring requirements listed within R-111-Q. Tieback requirements shall be met within **180 days.**

Operator has proposed to pump down **intermediate 1 x intermediate 2** annulus post completion. **Operator must run Echo-meter to verify Cement Slurry/Fluid top in the annulus OR operator shall run a CBL from TD of the intermediate 2 casing to surface after the second stage BH to verify TOC.** Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry during second stage bradenhead when running Echo-meter if cement is required to surface. Adjust cement volume and excess based on a fluid caliper or similar method that reflects the as-drilled size of the wellbore.

Operator has proposed an open annulus completion in R-111-Q. Operator shall provide a method of verification pre-completion top of cement. **Submit results to the BLM. Pressure monitoring device and Pressure Safety Valves must be installed at surface on both the intermediate annulus and the production annulus for the life of the well.**

In the event of a casing failure during completion, the operator must contact the BLM at (575-706-2779) and (575-361-2822 Eddy County).

4. The **5-1/2** inch production casing shall be set at approximately **22,136** feet. The minimum required fill of cement behind the **5-1/2** inch production casing is:

Option 1 (Single Stage):

- Cement should tie-back **500 feet** into the previous casing but not higher than USGS Marker Bed No. 126. **Operator must verify top of cement per R-111-Q requirements.** Submit results to the BLM. If cement does not circulate, contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, Capitan Reef, or potash.**

C. PRESSURE CONTROL

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

1. Operator has proposed a multi-bowl wellhead assembly. 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 and intermediate casing shoe shall be **10,000 (10M)** psi. **Variance is approved to use a 5000 (5M) Annular which shall be tested to 3500 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 43 CFR 3172 must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in 43 CFR 3171 and 3172.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for intervals utilizing a 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP.)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-361-2822 Eddy County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per **43 CFR 3172**.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

Offline Cementing

Approved for surface and intermediate intervals. Notify the BLM prior to the commencement of any offline cementing procedure.

Casing Clearance

Overlap clearance OK.

GENERAL REQUIREMENTS

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

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

Contact Eddy County Petroleum Engineering Inspection Staff:
Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220; **BLM_NM_CFO_DrillingNotifications@BLM.GOV**; (575) 361-2822

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
    a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
    b. When the operator proposes to set surface casing with Spudder Rig
        i. Notify the BLM when moving in and removing the Spudder Rig.
        ii. Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
        iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's

requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
    i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    iii. Manufacturer representative shall install the test plug for the initial BOP test.
    iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    v. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
    i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
    ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve

open. (only applies to single stage cement jobs, prior to the cement setting up.)

iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

iv. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

v. The results of the test shall be reported to the appropriate BLM office.

vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

vii. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

C. DRILLING MUD

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

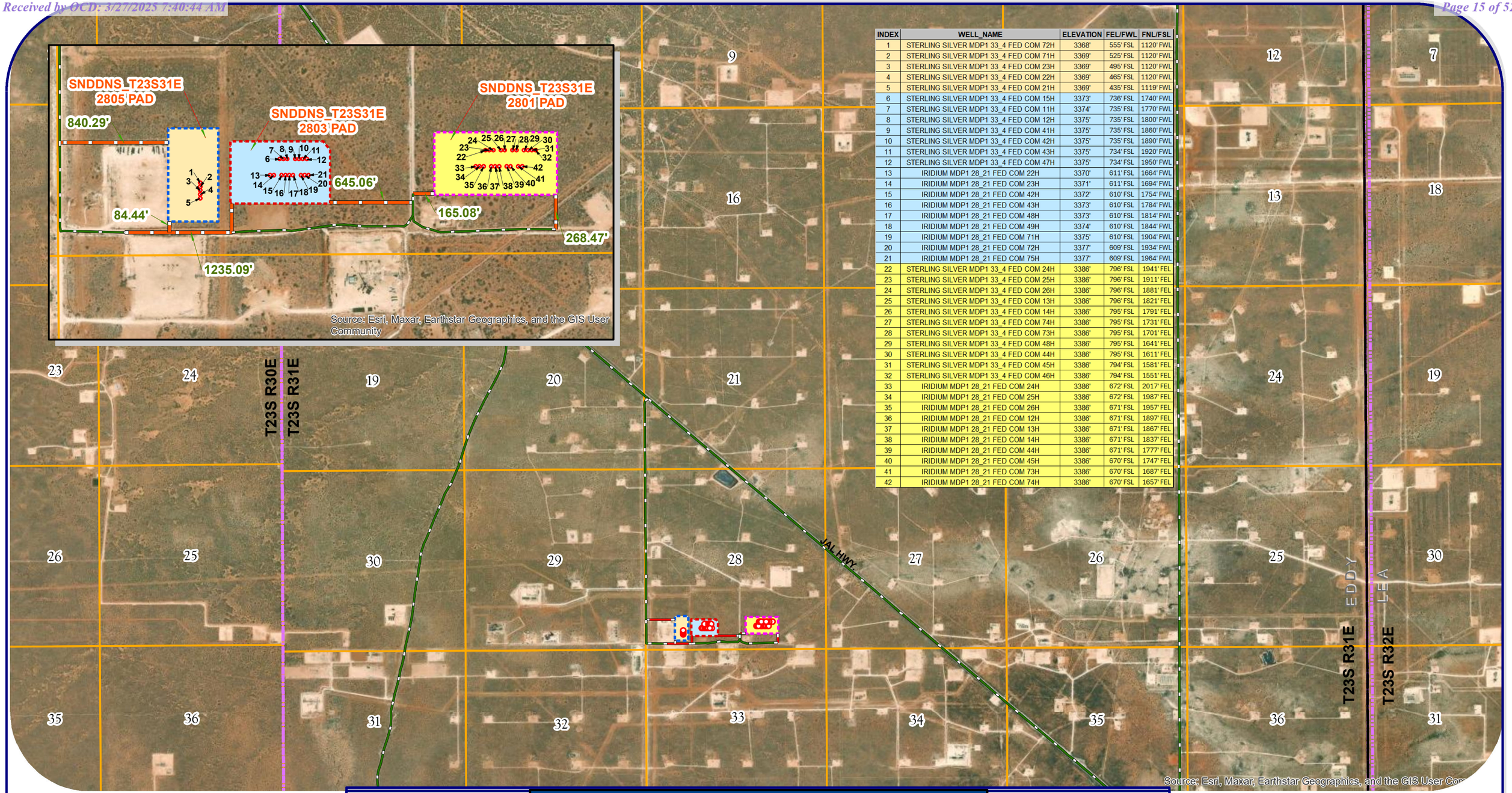
D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be

disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

KPI -7/15/2024

INDEX	WELL_NAME	ELEVATION	FEL/FWL	FNL/FSL
1	STERLING SILVER MDP1 33_4 FED COM 72H	3368'	555' FSL	1120' FWL
2	STERLING SILVER MDP1 33_4 FED COM 71H	3369'	525' FSL	1120' FWL
3	STERLING SILVER MDP1 33_4 FED COM 23H	3369'	495' FSL	1120' FWL
4	STERLING SILVER MDP1 33_4 FED COM 22H	3369'	465' FSL	1120' FWL
5	STERLING SILVER MDP1 33_4 FED COM 21H	3369'	435' FSL	1119' FWL
6	STERLING SILVER MDP1 33_4 FED COM 15H	3373'	736' FSL	1740' FWL
7	STERLING SILVER MDP1 33_4 FED COM 11H	3374'	735' FSL	1770' FWL
8	STERLING SILVER MDP1 33_4 FED COM 12H	3375'	735' FSL	1800' FWL
9	STERLING SILVER MDP1 33_4 FED COM 41H	3375'	735' FSL	1860' FWL
10	STERLING SILVER MDP1 33_4 FED COM 42H	3375'	735' FSL	1890' FWL
11	STERLING SILVER MDP1 33_4 FED COM 43H	3375'	734' FSL	1920' FWL
12	STERLING SILVER MDP1 33_4 FED COM 47H	3375'	734' FSL	1950' FWL
13	IRIDIUM MDP1 28_21 FED COM 22H	3370'	611' FSL	1664' FWL
14	IRIDIUM MDP1 28_21 FED COM 23H	3371'	611' FSL	1694' FWL
15	IRIDIUM MDP1 28_21 FED COM 42H	3372'	610' FSL	1754' FWL
16	IRIDIUM MDP1 28_21 FED COM 43H	3373'	610' FSL	1784' FWL
17	IRIDIUM MDP1 28_21 FED COM 48H	3373'	610' FSL	1814' FWL
18	IRIDIUM MDP1 28_21 FED COM 49H	3374'	610' FSL	1844' FWL
19	IRIDIUM MDP1 28_21 FED COM 71H	3375'	610' FSL	1904' FWL
20	IRIDIUM MDP1 28_21 FED COM 72H	3377'	609' FSL	1934' FWL
21	IRIDIUM MDP1 28_21 FED COM 75H	3377'	609' FSL	1964' FWL
22	STERLING SILVER MDP1 33_4 FED COM 24H	3386'	796' FSL	1941' FEL
23	STERLING SILVER MDP1 33_4 FED COM 25H	3386'	796' FSL	1911' FEL
24	STERLING SILVER MDP1 33_4 FED COM 26H	3386'	796' FSL	1881' FEL
25	STERLING SILVER MDP1 33_4 FED COM 13H	3386'	796' FSL	1821' FEL
26	STERLING SILVER MDP1 33_4 FED COM 14H	3386'	795' FSL	1791' FEL
27	STERLING SILVER MDP1 33_4 FED COM 74H	3386'	795' FSL	1731' FEL
28	STERLING SILVER MDP1 33_4 FED COM 73H	3386'	795' FSL	1701' FEL
29	STERLING SILVER MDP1 33_4 FED COM 48H	3386'	795' FSL	1641' FEL
30	STERLING SILVER MDP1 33_4 FED COM 44H	3386'	795' FSL	1611' FEL
31	STERLING SILVER MDP1 33_4 FED COM 45H	3386'	794' FSL	1581' FEL
32	STERLING SILVER MDP1 33_4 FED COM 46H	3386'	794' FSL	1551' FEL
33	IRIDIUM MDP1 28_21 FED COM 24H	3386'	672' FSL	2017' FEL
34	IRIDIUM MDP1 28_21 FED COM 25H	3386'	672' FSL	1987' FEL
35	IRIDIUM MDP1 28_21 FED COM 26H	3386'	671' FSL	1957' FEL
36	IRIDIUM MDP1 28_21 FED COM 12H	3386'	671' FSL	1897' FEL
37	IRIDIUM MDP1 28_21 FED COM 13H	3386'	671' FSL	1867' FEL
38	IRIDIUM MDP1 28_21 FED COM 14H	3386'	671' FSL	1837' FEL
39	IRIDIUM MDP1 28_21 FED COM 44H	3386'	671' FSL	1777' FEL
40	IRIDIUM MDP1 28_21 FED COM 45H	3386'	670' FSL	1747' FEL
41	IRIDIUM MDP1 28_21 FED COM 73H	3386'	670' FSL	1687' FEL
42	IRIDIUM MDP1 28_21 FED COM 74H	3386'	670' FSL	1657' FEL



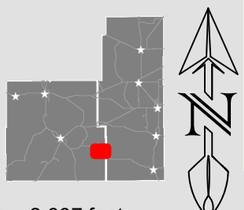
WELLS
EXISTING ROAD
Proposed_Road
SNDDNS_T23S31E_2801-PAD
SNDDNS_T23S31E_2803-PAD
SNDDNS_T23S31E_2805-PAD
County
Township-Range
SECTIONS

IRIDIUM MDP1 28_21/STERLING SILVER MDP1 33_4 FED COM

OVERALL IMAGERY MAP Draft Date: 1/17/2025 Rev: 1

Section: 28 TWN-RNG: T23S - R31E County: EDDY

TOTAL 30' WIDE PROPOSED LEASE ROAD EASEMENT:
3,238.43 FEET (196.27 RODS)



1 inch = 2,667 feet
0 900 1,800 3,600 Feet

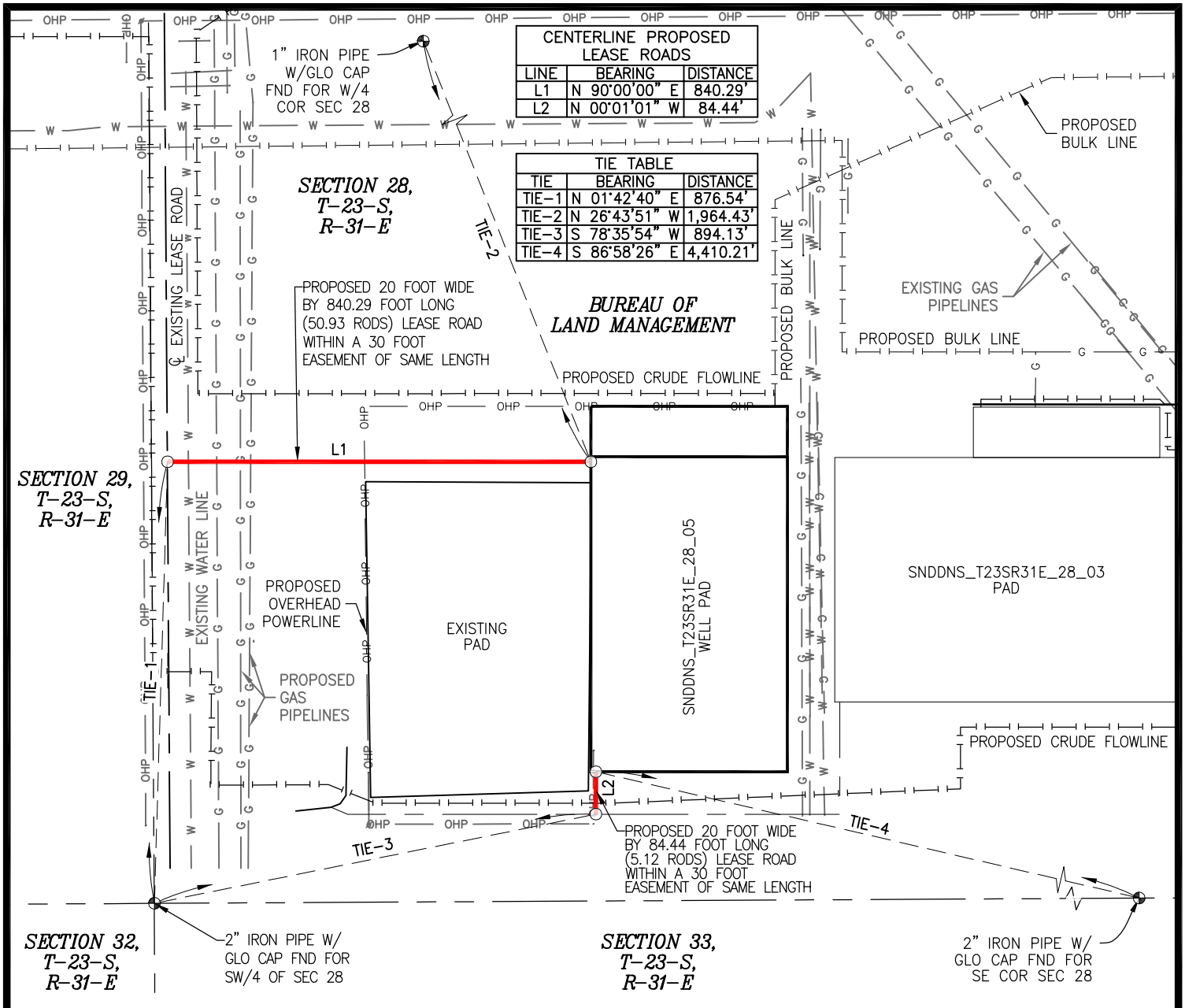
DELTA FIELD SERVICES

OXY

SITE PLAN

SNDDNS_T23SR31E_28_05
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

150' 0' 150' 300'
SCALE: 1" = 300'



12/31/2024	01/15/2025
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

0	01/15/2024	ANC
REV.	DATE	BY

BASIS OF BEARING

ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 1 OF 3

SITE PLAN

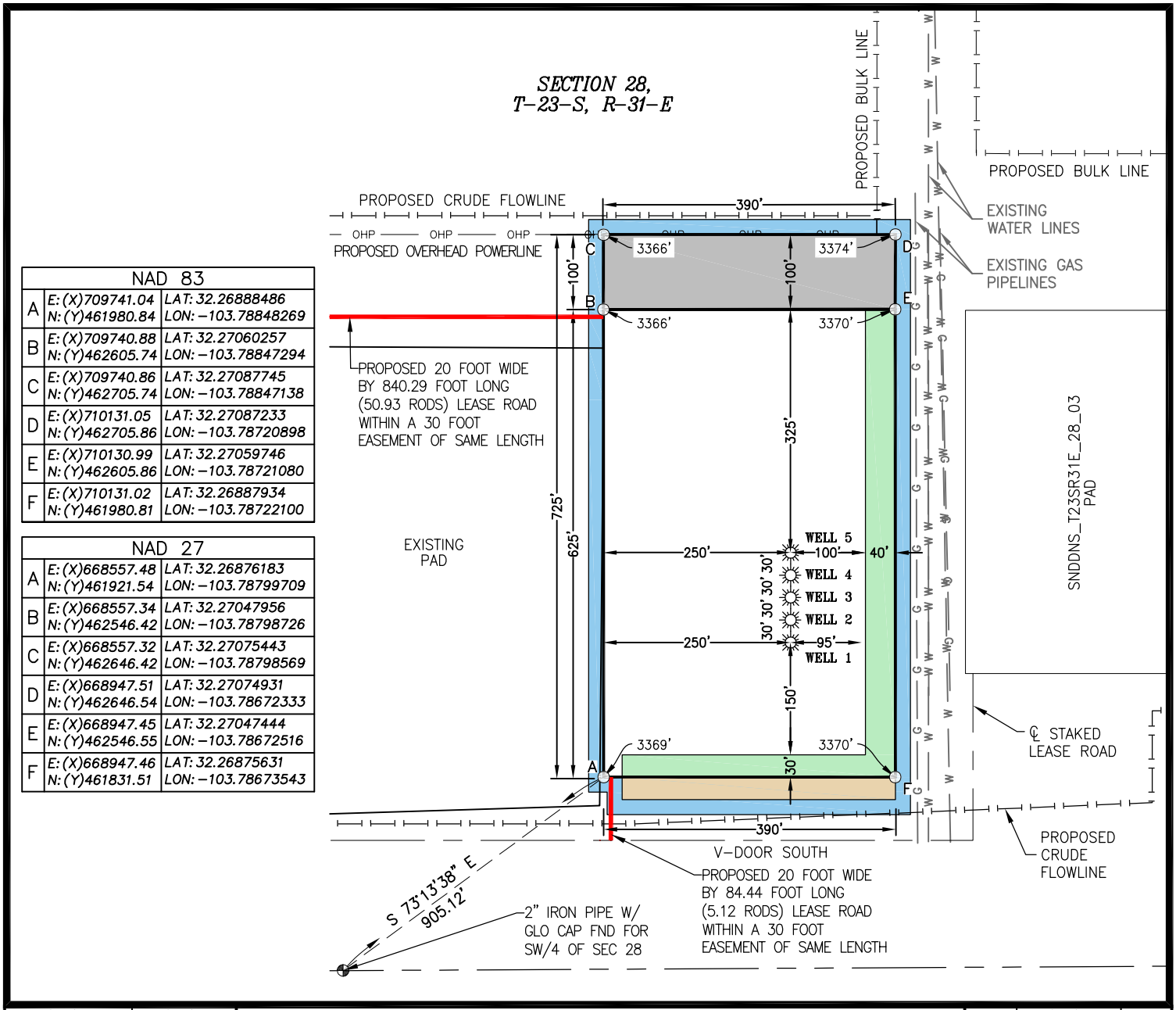
SNDDNS_T23SR31E_28_05
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

100' 0' 100' 200'
SCALE: 1" = 200'

NAD 83		
A	E: (X)709741.04 N: (Y)461980.84	LAT: 32.26888486 LON: -103.78848269
B	E: (X)709740.88 N: (Y)462605.74	LAT: 32.27060257 LON: -103.78847294
C	E: (X)709740.86 N: (Y)462705.74	LAT: 32.27087745 LON: -103.78847138
D	E: (X)710131.05 N: (Y)462705.86	LAT: 32.27087233 LON: -103.78720898
E	E: (X)710130.99 N: (Y)462605.86	LAT: 32.27059746 LON: -103.78721080
F	E: (X)710131.02 N: (Y)461980.81	LAT: 32.26887934 LON: -103.78722100

NAD 27		
A	E: (X)668557.48 N: (Y)461921.54	LAT: 32.26876183 LON: -103.78799709
B	E: (X)668557.34 N: (Y)462546.42	LAT: 32.27047956 LON: -103.78798726
C	E: (X)668557.32 N: (Y)462646.42	LAT: 32.27075443 LON: -103.78798569
D	E: (X)668947.51 N: (Y)462646.54	LAT: 32.27074931 LON: -103.78672333
E	E: (X)668947.45 N: (Y)462546.55	LAT: 32.27047444 LON: -103.78672516
F	E: (X)668947.46 N: (Y)461831.51	LAT: 32.26875631 LON: -103.78673543



12/31/2024	01/15/2025
DATE SURVEYED	DATE DRAWN

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0	01/15/2024	ANC
REV.	DATE	BY

BASIS OF BEARING

ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
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- x — x — FENCE
- SECTION LINE
- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 2 OF 3

SITE PLAN

SNDDNS_T23SR31E_28_05
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

WELL 1
STERLING SILVER MDP1 33_4 FED COM 21H
OXY USA, INC.
435' FSL 1,119' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:709990.92' / Y:462160.82'
LAT:32.2693761ON / LON:103.78767131W
NAD 27, SPCS NM EAST
X:668807.37' / Y:462101.51'
LAT:32.26925307N / LON:103.78718570W
ELEVATION = 3369'

WELL 2
STERLING SILVER MDP1 33_4 FED COM 22H
OXY USA, INC.
465' FSL 1,120' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:709990.97' / Y:462190.83'
LAT:32.26945859N / LON:103.78767065W
NAD 27, SPCS NM EAST
X:668807.42' / Y:462131.52'
LAT:32.26933555N / LON:103.78718505W
ELEVATION = 3369'

WELL 3
STERLING SILVER MDP1 33_4 FED COM 23H
OXY USA, INC.
495' FSL 1,120' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:709990.99' / Y:462220.86'
LAT:32.26954113N / LON:103.78767009W
NAD 27, SPCS NM EAST
X:668807.44' / Y:462161.55'
LAT:32.26941811N / LON:103.78718448W
ELEVATION = 3369'

WELL 4
STERLING SILVER MDP1 FED COM 71H
OXY USA, INC.
525' FSL 1,120' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:709990.89' / Y:462250.78'
LAT:32.26962338N / LON:103.78766992W
NAD 27, SPCS NM EAST
X:668807.34' / Y:462191.47'
LAT:32.26950035N / LON:103.78718431W
ELEVATION = 3369'

WELL 5
STERLING SILVER MDP1 33_4 FED COM 72H
OXY USA, INC.
555' FSL 1,120' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:709990.91' / Y:462280.87'
LAT:32.26970609N / LON:103.78766936W
NAD 27, SPCS NM EAST
X:668807.36' / Y:462221.56'
LAT:32.26958306N / LON:103.78718375W
ELEVATION = 3368'

12/31/2024	01/15/2025
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

0	01/15/2024	ANC
REV.	DATE	BY

BASIS OF BEARING
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LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
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- QUARTER SPLIT
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- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
ELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 3 OF 3

SITE PLAN

SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

200' 0' 200' 400'
SCALE: 1" = 400'

TIE TABLE		
TIE	BEARING	DISTANCE
TIE-1	S 61°30'04" W	399.33'
TIE-2	N 31°41'27" W	2,621.84'
TIE-3	S 81°21'39" E	2,539.07'
TIE-4	S 79°05'09" W	2,164.34'

CENTERLINE PROPOSED LEASE ROADS		
LINE	BEARING	DISTANCE
L1	S 67°30'18" E	35.94'
L2	S 89°59'47" E	974.14'
L3	N 00°01'14" W	223.01'
L4	N 89°59'51" W	645.06'

1" IRON PIPE W/GLO CAP FND FOR W/4 COR SEC 28

PROPOSED CRUDE FLOWLINE

PROPOSED BULK LINE

EXISTING GAS PIPELINE

PROPOSED CRUDE FLOWLINE

℄ EXISTING LEASE ROAD

SECTION 28, T-23-S, R-31-E

TIE-2

PROPOSED GAS PIPELINE

PROPOSED CRUDE FLOWLINE

PROPOSED OVERHEAD POWERLINE

PROPOSED OVERHEAD POWERLINE

EXISTING PAD

SNDDNS_T23SR31E_28_05 WELL PAD

SNDDNS_T23SR31E_28_03 WELL PAD

PROPOSED BULK LINE

EXISTING WATER LINE

PROPOSED CRUDE FLOWLINE

L4

L3

L2

L1

TIE-1

TIE-4

TIE-3

PROPOSED 20 FOOT WIDE BY 645.06 FOOT LONG (39.09 RODS) LEASE ROAD WITHIN A 30 FOOT WIDE EASEMENT OF SAME LENGTH

PROPOSED 20 FOOT WIDE BY 1,235.09 FOOT LONG (74.85 RODS) LEASE ROAD WITHIN A 30 FOOT WIDE EASEMENT OF SAME LENGTH

EXISTING PAD

2" IRON PIPE W/GLO CAP FND FOR SW COR SEC 28

SECTION 33, T-23-S, R-31-E

2" IRON PIPE W/GLO CAP FND FOR SE COR SEC 28

10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

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JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
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510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 1 OF 3

SITE PLAN

SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
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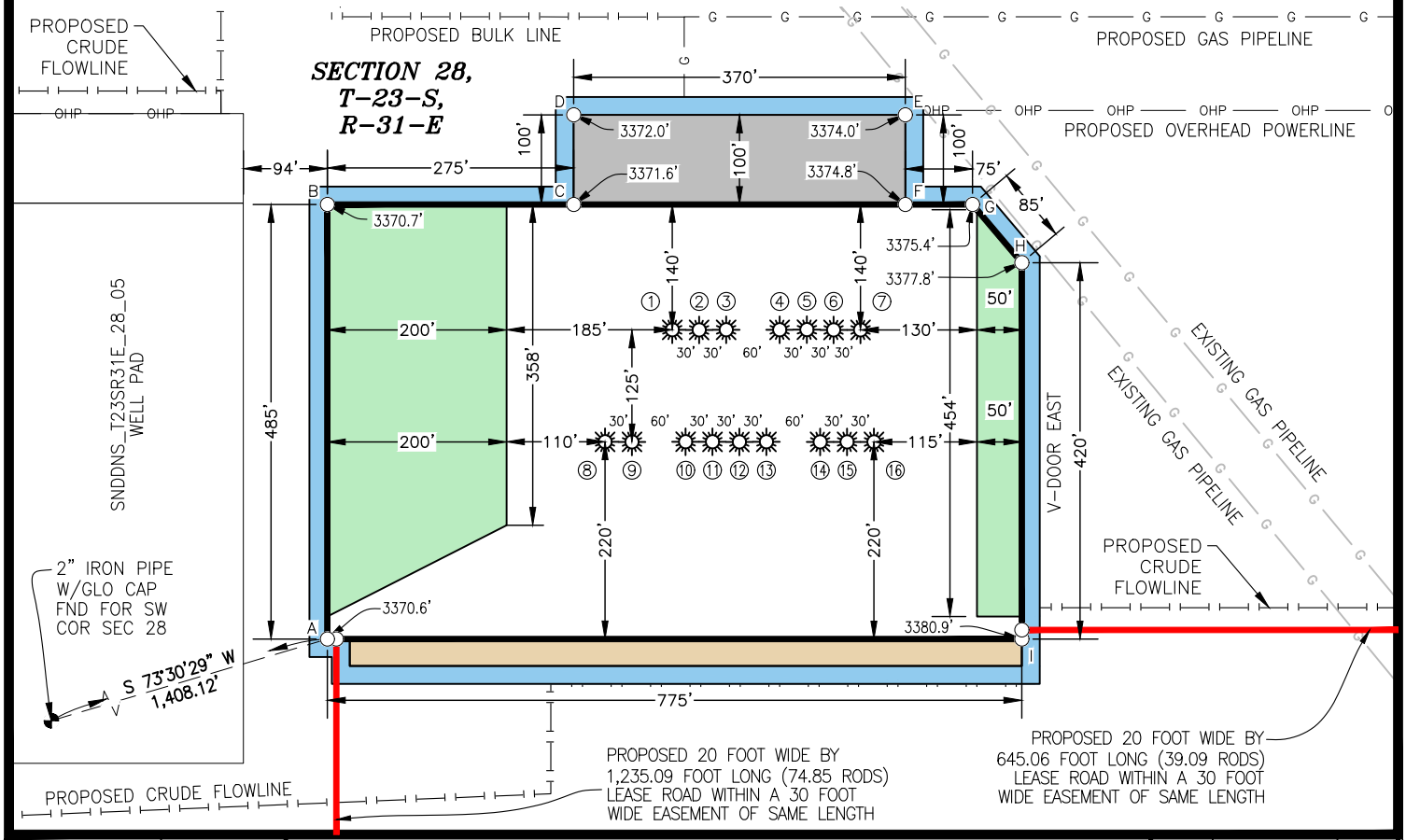
TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

100' 0' 100' 200'
SCALE: 1" = 200'

NAD 83								
A	E:(X)710224.61 N:(Y)462119.38	LAT:32.26925891 LON:-103.78691593	D	E:(X)710499.61 N:(Y)462704.38	LAT:32.27086308 LON:-103.78601658	G	E:(X)710944.61 N:(Y)462604.38	LAT:32.27058196 LON:-103.78457851
B	E:(X)710224.61 N:(Y)462604.38	LAT:32.27059206 LON:-103.78690794	E	E:(X)710869.61 N:(Y)462704.38	LAT:32.27085789 LON:-103.78481951	H	E:(X)710999.61 N:(Y)462539.38	LAT:32.27040252 LON:-103.78440164
C	E:(X)710499.61 N:(Y)462604.38	LAT:32.27058820 LON:-103.78601823	F	E:(X)710869.61 N:(Y)462604.38	LAT:32.27058301 LON:-103.78482116	I	E:(X)710999.61 N:(Y)462119.38	LAT:32.26924804 LON:-103.78440859

NAD 27								
A	E:(X)669041.06 N:(Y)462060.07	LAT:32.26913589 LON:-103.78643036	D	E:(X)669316.07 N:(Y)462645.06	LAT:32.27074007 LON:-103.78553096	G	E:(X)669761.07 N:(Y)462545.06	LAT:32.27045894 LON:-103.78409294
B	E:(X)669041.07 N:(Y)462545.06	LAT:32.27046904 LON:-103.78642231	E	E:(X)669686.07 N:(Y)462645.06	LAT:32.27073487 LON:-103.78433392	H	E:(X)669816.07 N:(Y)462480.05	LAT:32.27027946 LON:-103.78391609
C	E:(X)669316.07 N:(Y)462545.06	LAT:32.27046519 LON:-103.78553262	F	E:(X)669686.07 N:(Y)462545.06	LAT:32.27045999 LON:-103.78433559	I	E:(X)669816.05 N:(Y)462060.07	LAT:32.26912501 LON:-103.78392308



10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 2 OF 3

SITE PLAN

SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

WELL 1
STERLING SILVER MDP1 33_4 FED COM 15H
OXY USA, INC.
736' FSL 1,740' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710609.56' / Y:462464.49'
LAT:32.27020215N / LON:103.78566482W
NAD 27, SPCS NM EAST
X:669426.02' / Y:462405.18'
LAT:32.27007912N / LON:103.78517923W
ELEVATION = 3,373'

WELL 2
STERLING SILVER MDP1 33_4 FED COM 11H
OXY USA, INC.
735' FSL 1,770' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710639.48' / Y:462464.34'
LAT:32.27020132N / LON:103.78556802W
NAD 27, SPCS NM EAST
X:669455.93' / Y:462405.03'
LAT:32.27007829N / LON:103.78508244W
ELEVATION = 3,374'

WELL 3
STERLING SILVER MDP1 33_4 FED COM 12H
OXY USA, INC.
735' FSL 1,800' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710669.64' / Y:462464.49'
LAT:32.27020131N / LON:103.78547044W
NAD 27, SPCS NM EAST
X:669486.09' / Y:462405.18'
LAT:32.27007828N / LON:103.78498487W
ELEVATION = 3,375'

WELL 4
STERLING SILVER MDP1 33_4 FED COM 41H
OXY USA, INC.
735' FSL 1,860' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710729.41' / Y:462464.50'
LAT:32.27020050N / LON:103.78527707W
NAD 27, SPCS NM EAST
X:669545.87' / Y:462405.18'
LAT:32.27007746N / LON:103.78479149W
ELEVATION = 3,375'

WELL 5
STERLING SILVER MDP1 33_4 FED COM 42H
OXY USA, INC.
735' FSL 1,890' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710759.81' / Y:462464.61'
LAT:32.27020037N / LON:103.78517871W
NAD 27, SPCS NM EAST
X:669576.26' / Y:462405.29'
LAT:32.27007733N / LON:103.78469314W
ELEVATION = 3,375'

WELL 6
STERLING SILVER MDP1 33_4 FED COM 43H
OXY USA, INC.
734' FSL 1,920' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710789.57' / Y:462464.44'
LAT:32.27019949N / LON:103.78508243W
NAD 27, SPCS NM EAST
X:669606.02' / Y:462405.12'
LAT:32.27007645N / LON:103.78459687W
ELEVATION = 3,375'

WELL 7
STERLING SILVER MDP1 33_4 FED COM 47H
OXY USA, INC.
734' FSL 1,950' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710819.58' / Y:462464.40'
LAT:32.27019896N / LON:103.78498534W
NAD 27, SPCS NM EAST
X:669636.04' / Y:462405.08'
LAT:32.27007592N / LON:103.78449977W
ELEVATION = 3,375'

WELL 8
IRIDIUM MDP1 28_21 FED COM 22H
OXY USA, INC.
611' FSL 1,664' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710534.53' / Y:462339.43'
LAT:32.26985944N / LON:103.78590963W
NAD 27, SPCS NM EAST
X:669350.98' / Y:462280.12'
LAT:32.26973641N / LON:103.78542405W
ELEVATION = 3,370'

WELL 9
IRIDIUM MDP1 28_21 FED COM 23H
OXY USA, INC.
611' FSL 1,694' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710564.49' / Y:462339.42'
LAT:32.26985900N / LON:103.78581270W
NAD 27, SPCS NM EAST
X:669380.94' / Y:462280.11'
LAT:32.26973596N / LON:103.78532712W
ELEVATION = 3,371'

WELL 10
IRIDIUM MDP1 28_21 FED COM 42H
OXY USA, INC.
610' FSL 1,754' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710624.56' / Y:462339.44'
LAT:32.26985821N / LON:103.78561836W
NAD 27, SPCS NM EAST
X:669441.01' / Y:462280.13'
LAT:32.26973517N / LON:103.78513279W
ELEVATION = 3,372'

WELL 11
IRIDIUM MDP1 28_21 FED COM 43H
OXY USA, INC.
610' FSL 1,784' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710654.41' / Y:462339.47'
LAT:32.26985787N / LON:103.78552178W
NAD 27, SPCS NM EAST
X:669470.86' / Y:462280.16'
LAT:32.26973484N / LON:103.78503621W
ELEVATION = 3,373'

WELL 12
IRIDIUM MDP1 28_21 FED COM 48H
OXY USA, INC.
610' FSL 1,814' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710684.37' / Y:462339.35'
LAT:32.26985712N / LON:103.78542485W
NAD 27, SPCS NM EAST
X:669500.82' / Y:462280.04'
LAT:32.26973408N / LON:103.78493929W
ELEVATION = 3,373'

WELL 13
IRIDIUM MDP1 28_21 FED COM 49H
OXY USA, INC.
610' FSL 1,844' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710714.57' / Y:462339.43'
LAT:32.26985692N / LON:103.78532715W
NAD 27, SPCS NM EAST
X:669531.02' / Y:462280.12'
LAT:32.26973388N / LON:103.78484159W
ELEVATION = 3,374'

WELL 14
IRIDIUM MDP1 28_21 FED COM 71H
OXY USA, INC.
610' FSL 1,904' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710774.55' / Y:462339.38'
LAT:32.26985594N / LON:103.78513309W
NAD 27, SPCS NM EAST
X:669591.00' / Y:462280.07'
LAT:32.26973290N / LON:103.78464753W
ELEVATION = 3,375'

WELL 15
IRIDIUM MDP1 28_21 FED COM 72H
OXY USA, INC.
609' FSL 1,934' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710804.64' / Y:462339.41'
LAT:32.26985560N / LON:103.78503574W
NAD 27, SPCS NM EAST
X:669621.09' / Y:462280.10'
LAT:32.26973256N / LON:103.78455018W
ELEVATION = 3,377'

WELL 16
IRIDIUM MDP1 28_21 FED COM 75H
OXY USA, INC.
609' FSL 1,964' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710834.49' / Y:462339.42'
LAT:32.26985521N / LON:103.78493917W
NAD 27, SPCS NM EAST
X:669650.94' / Y:462280.11'
LAT:32.26973217N / LON:103.78445362W
ELEVATION = 3,377'

10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

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- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
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- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

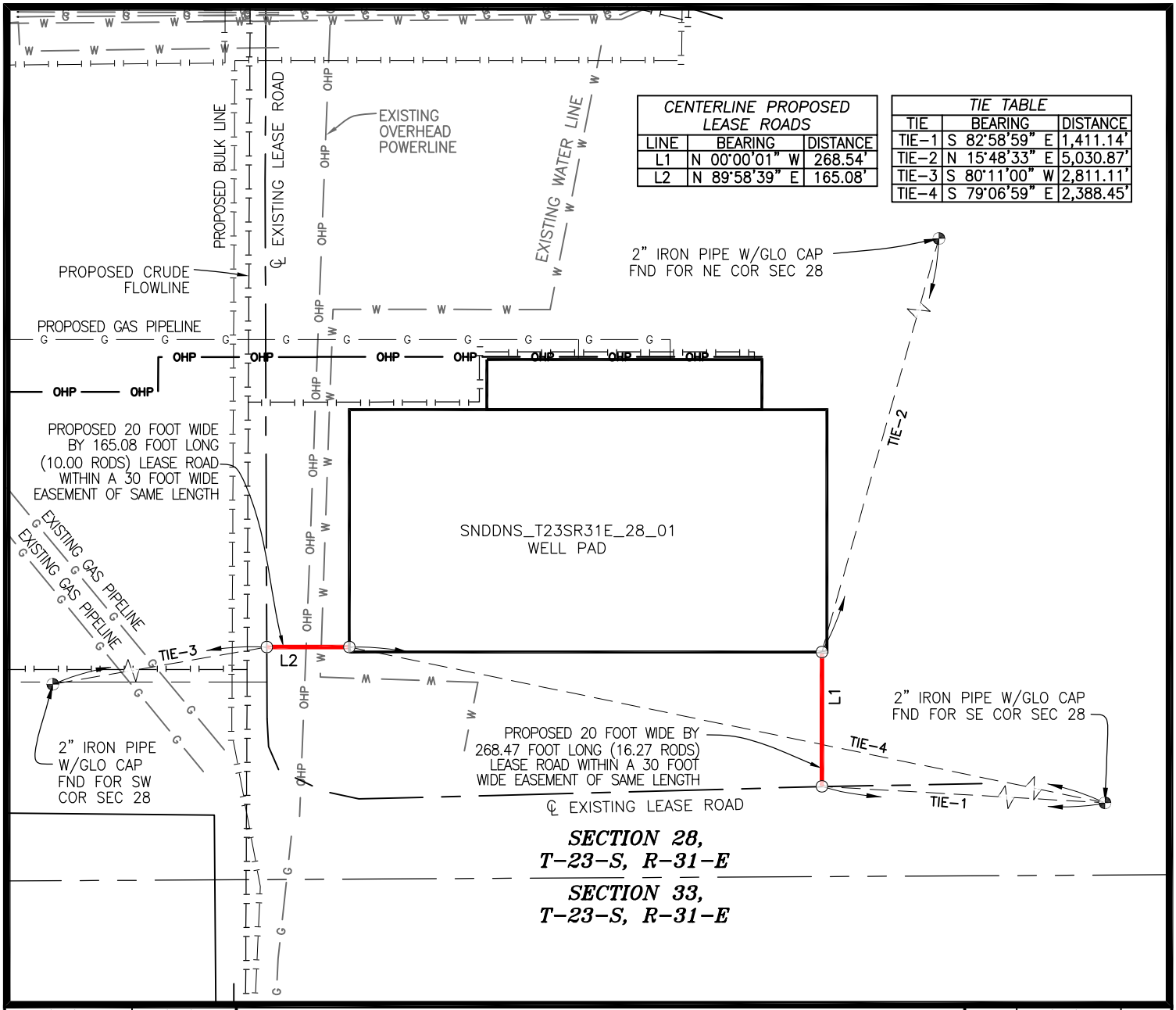
DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 3 OF 3

SITE PLAN

SNDDNS_T23S R31E_28_01
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

150' 0' 150' 300'
SCALE: 1" = 300'



CENTERLINE PROPOSED LEASE ROADS		
LINE	BEARING	DISTANCE
L1	N 00°00'01" W	268.54'
L2	N 89°58'39" E	165.08'

TIE TABLE		
TIE	BEARING	DISTANCE
TIE-1	S 82°58'59" E	1,411.14'
TIE-2	N 15°48'33" E	5,030.87'
TIE-3	S 80°11'00" W	2,811.11'
TIE-4	S 79°06'59" E	2,388.45'

10/24/2022	12/01/2022
DATE SURVEYED	DATE DRAWN

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2	01/13/2024	ANC
REV.	DATE	BY

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- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 17, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 1 OF 4

SITE PLAN

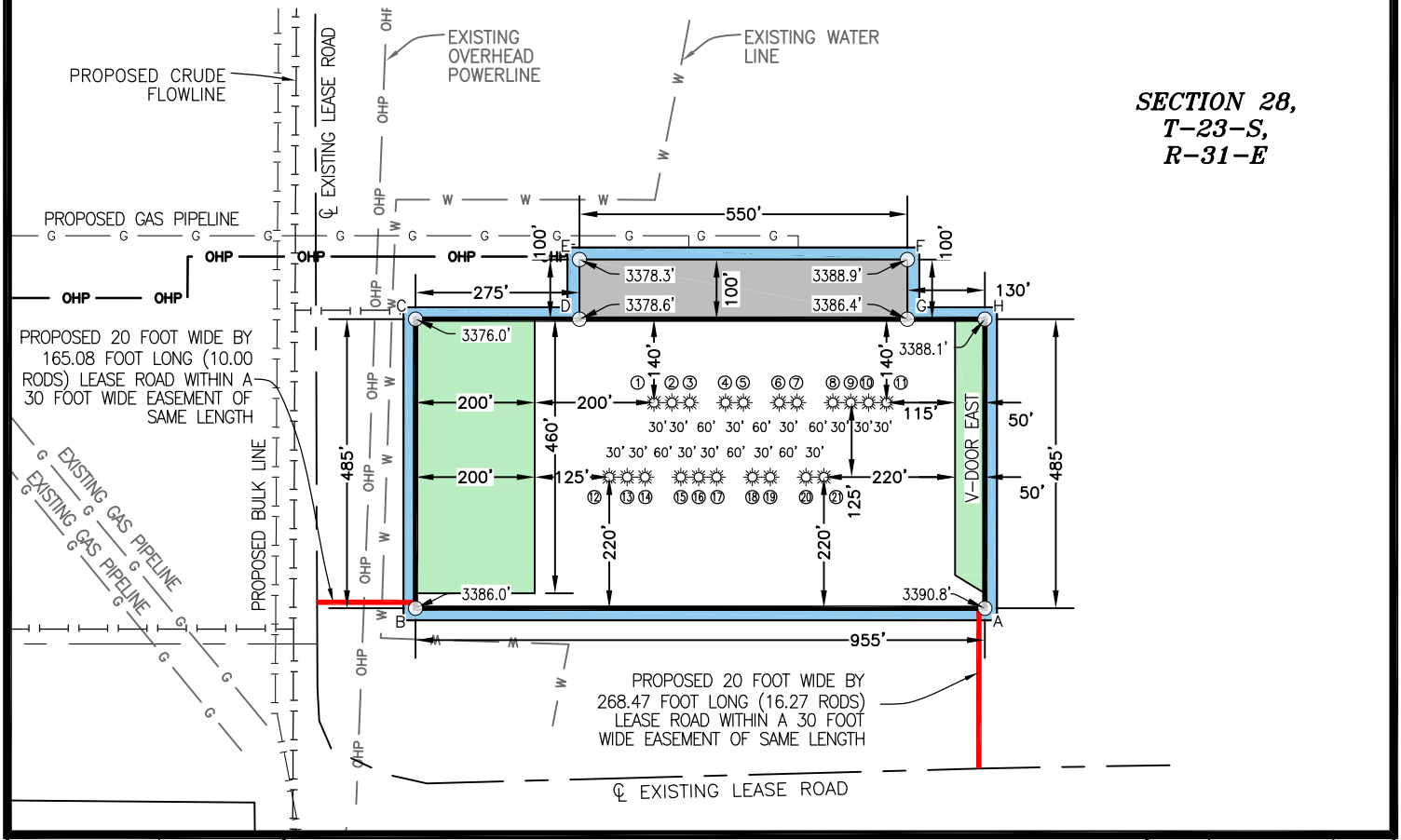
SNDDNS_T23S R31E_28_01
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

150' 0' 150' 300'
SCALE: 1" = 300'

NAD 83								
A	E:(X)712764.45 N:(Y)462188.94	LAT:32.26941430 LON:-103.77869771	D	E:(X)712084.45 N:(Y)462673.94	LAT:32.27075709 LON:-103.78088961	G	E:(X)712634.45 N:(Y)462673.94	LAT:32.27074930 LON:-103.77911019
B	E:(X)711809.45 N:(Y)462188.94	LAT:32.26942783 LON:-103.78178739	E	E:(X)712084.45 N:(Y)462773.94	LAT:32.27103197 LON:-103.78088795	H	E:(X)712764.45 N:(Y)462673.94	LAT:32.27074745 LON:-103.77868959
C	E:(X)711809.45 N:(Y)462673.94	LAT:32.27076098 LON:-103.78177933	F	E:(X)712634.45 N:(Y)462773.94	LAT:32.27102417 LON:-103.77910852			

NAD 27								
A	E:(X)671580.89 N:(Y)462129.63	LAT:32.26929124 LON:-103.77821232	D	E:(X)670900.91 N:(Y)462614.62	LAT:32.27063405 LON:-103.78040413	G	E:(X)671450.91 N:(Y)462614.62	LAT:32.27062624 LON:-103.77862474
B	E:(X)670625.89 N:(Y)462129.63	LAT:32.26930478 LON:-103.78130194	E	E:(X)670900.91 N:(Y)462714.62	LAT:32.27090892 LON:-103.78040245	H	E:(X)671580.91 N:(Y)462614.62	LAT:32.27062440 LON:-103.77820416
C	E:(X)670625.91 N:(Y)462614.62	LAT:32.27063794 LON:-103.78129382	F	E:(X)671450.91 N:(Y)462714.62	LAT:32.27090112 LON:-103.77862306			



10/24/2022	12/01/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/13/2024	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- ℄ PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 17, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 2 OF 4

SITE PLAN

SNDDNS_T23S R31E_28_01
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

WELL 1
STERLING SILVER MDP1 33_4 FED COM 24H
OXY USA, INC.
796' FSL 1,941' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712209.42' / Y:462533.80'
LAT:32.27037012N / LON:103.78048763W
NAD 27, SPCS NM EAST
X:671025.87' / Y:462474.48'
LAT:32.27024707N / LON:103.78000217W
ELEVATION = 3,386'

WELL 2
STERLING SILVER MDP1 33_4 FED COM 25H
OXY USA, INC.
796' FSL 1,911' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712239.46' / Y:462533.77'
LAT:32.27036961N / LON:103.78039044W
NAD 27, SPCS NM EAST
X:671055.91' / Y:462474.45'
LAT:32.27024656N / LON:103.77990498W
ELEVATION = 3,386'

WELL 3
STERLING SILVER MDP1 33_4 FED COM 26H
OXY USA, INC.
796' FSL 1,881' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712269.45' / Y:462533.77'
LAT:32.27036918N / LON:103.78029342W
NAD 27, SPCS NM EAST
X:671085.91' / Y:462474.46'
LAT:32.27024614N / LON:103.77980795W
ELEVATION = 3,386'

WELL 4
STERLING SILVER MDP1 33_4 FED COM 13H
OXY USA, INC.
796' FSL 1,821' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712329.38' / Y:462533.80'
LAT:32.27036842N / LON:103.78009952W
NAD 27, SPCS NM EAST
X:671145.83' / Y:462474.48'
LAT:32.27024537N / LON:103.77961407W
ELEVATION = 3,386'

WELL 5
STERLING SILVER MDP1 33_4 FED COM 14H
OXY USA, INC.
795' FSL 1,791' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712359.43' / Y:462533.83'
LAT:32.27036807N / LON:103.78000230W
NAD 27, SPCS NM EAST
X:671175.88' / Y:462474.51'
LAT:32.27024502N / LON:103.77951685W
ELEVATION = 3,386'

WELL 6
STERLING SILVER MDP1 33_4 FED COM 74H
OXY USA, INC.
795' FSL 1,731' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712419.39' / Y:462533.81'
LAT:32.27036717N / LON:103.77980831W
NAD 27, SPCS NM EAST
X:671235.84' / Y:462474.49'
LAT:32.27024411N / LON:103.77932287W
ELEVATION = 3,386'

WELL 7
STERLING SILVER MDP1 33_4 FED COM 73H
OXY USA, INC.
795' FSL 1,701' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712449.42' / Y:462533.75'
LAT:32.27036658N / LON:103.77971116W
NAD 27, SPCS NM EAST
X:671265.87' / Y:462474.43'
LAT:32.27024352N / LON:103.77922571W
ELEVATION = 3,386'

WELL 8
STERLING SILVER MDP1 33_4 FED COM 48H
OXY USA, INC.
795' FSL 1,641' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712509.37' / Y:462533.77'
LAT:32.27036578N / LON:103.77951720W
NAD 27, SPCS NM EAST
X:671325.82' / Y:462474.45'
LAT:32.27024273N / LON:103.77903176W
ELEVATION = 3,386'

WELL 9
STERLING SILVER MDP1 33_4 FED COM 44H
OXY USA, INC.
795' FSL 1,611' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712539.38' / Y:462533.87'
LAT:32.27036563N / LON:103.77942011W
NAD 27, SPCS NM EAST
X:671355.83' / Y:462474.55'
LAT:32.27024257N / LON:103.77893467W
ELEVATION = 3,386'

WELL 10
STERLING SILVER MDP1 33-4 FED COM 45H
OXY USA, INC.
794' FSL 1,581' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712569.36' / Y:462533.87'
LAT:32.27036521N / LON:103.77932311W
NAD 27, SPCS NM EAST
X:671385.81' / Y:462474.55'
LAT:32.27024215N / LON:103.77883768W
ELEVATION = 3,386'

WELL 11
STERLING SILVER MDP1 33-4 FED COM 46H
OXY USA, INC.
794' FSL 1,551' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712599.37' / Y:462533.74'
LAT:32.27036442N / LON:103.77922602W
NAD 27, SPCS NM EAST
X:671415.82' / Y:462474.42'
LAT:32.27024137N / LON:103.77874059W
ELEVATION = 3,386'

WELL 12
IRIDIUM MDP1 28_21 FED COM 24H
OXY USA, INC.
672' FSL 2,017' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712134.40' / Y:462409.04'
LAT:32.27002824N / LON:103.78073242W
NAD 27, SPCS NM EAST
X:670950.85' / Y:462349.73'
LAT:32.26990519N / LON:103.78024697W
ELEVATION = 3,386'

WELL 13
IRIDIUM MDP1 28_21 FED COM 25H
OXY USA, INC.
672' FSL 1,987' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712164.38' / Y:462408.97'
LAT:32.27002763N / LON:103.78063543W
NAD 27, SPCS NM EAST
X:670980.83' / Y:462349.65'
LAT:32.26990457N / LON:103.78014998W
ELEVATION = 3,386'

WELL 14
IRIDIUM MDP1 28_21 FED COM 26H
OXY USA, INC.
671' FSL 1,957' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712194.34' / Y:462408.95'
LAT:32.27002715N / LON:103.78053850W
NAD 27, SPCS NM EAST
X:671010.79' / Y:462349.63'
LAT:32.26990409N / LON:103.78005305W
ELEVATION = 3,386'

WELL 15
IRIDIUM MDP1 28_21 FED COM 12H
OXY USA, INC.
671' FSL 1,897' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712254.38' / Y:462409.00'
LAT:32.27002644N / LON:103.78034425W
NAD 27, SPCS NM EAST
X:671070.83' / Y:462349.69'
LAT:32.26990338N / LON:103.77985881W
ELEVATION = 3,386'

WELL 16
IRIDIUM MDP1 28_21 FED COM 13H
OXY USA, INC.
671' FSL 1,867' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712284.35' / Y:462408.96'
LAT:32.27002590N / LON:103.78024729W
NAD 27, SPCS NM EAST
X:671100.80' / Y:462349.64'
LAT:32.26990284N / LON:103.77976185W
ELEVATION = 3,386'

WELL 17
IRIDIUM MDP1 28_21 FED COM 14H
OXY USA, INC.
671' FSL 1,837' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712314.35' / Y:462409.02'
LAT:32.27002564N / LON:103.78015023W
NAD 27, SPCS NM EAST
X:671130.80' / Y:462349.70'
LAT:32.26990258N / LON:103.77966479W
ELEVATION = 3,386'

WELL 18
IRIDIUM MDP1 28_21 FED COM 44H
OXY USA, INC.
671' FSL 1,777' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712374.43' / Y:462409.07'
LAT:32.27002493N / LON:103.77995585W
NAD 27, SPCS NM EAST
X:671190.88' / Y:462349.76'
LAT:32.26990187N / LON:103.77947042W
ELEVATION = 3,386'

WELL 19
IRIDIUM MDP1 28_21 FED COM 45H
OXY USA, INC.
670' FSL 1,747' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712404.39' / Y:462408.94'
LAT:32.27002414N / LON:103.77985893W
NAD 27, SPCS NM EAST
X:671220.84' / Y:462349.63'
LAT:32.26990109N / LON:103.77937349W
ELEVATION = 3,386'

WELL 20
IRIDIUM MDP1 28_21 FED COM 73H
OXY USA, INC.
670' FSL 1,687' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712464.39' / Y:462408.95'
LAT:32.27002332N / LON:103.77966481W
NAD 27, SPCS NM EAST
X:671280.84' / Y:462349.63'
LAT:32.26990026N / LON:103.77917938W
ELEVATION = 3,386'

10/24/2022	12/01/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/13/2024	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- — — — SECTION LINE
- PL — PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JANUARY 17, 2025

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 3 OF 4

SITE PLAN

SNDDNS_T23S R31E_28_01
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

WELL 21
IRIDIUM MDP1 28_21 FED COM 74H
OXY USA, INC.
670' FSL 1,657' FEL, SECTION 28
NAD 83, SPCS NM EAST
X:712494.34' / Y:462409.01'
LAT:32.27002306N / LON:103.77956791W
NAD 27, SPCS NM EAST
X:671310.79' / Y:462349.69'
LAT:32.26990000N / LON:103.77908248W
ELEVATION = 3,386'

10/24/2022	12/01/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/13/2024	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

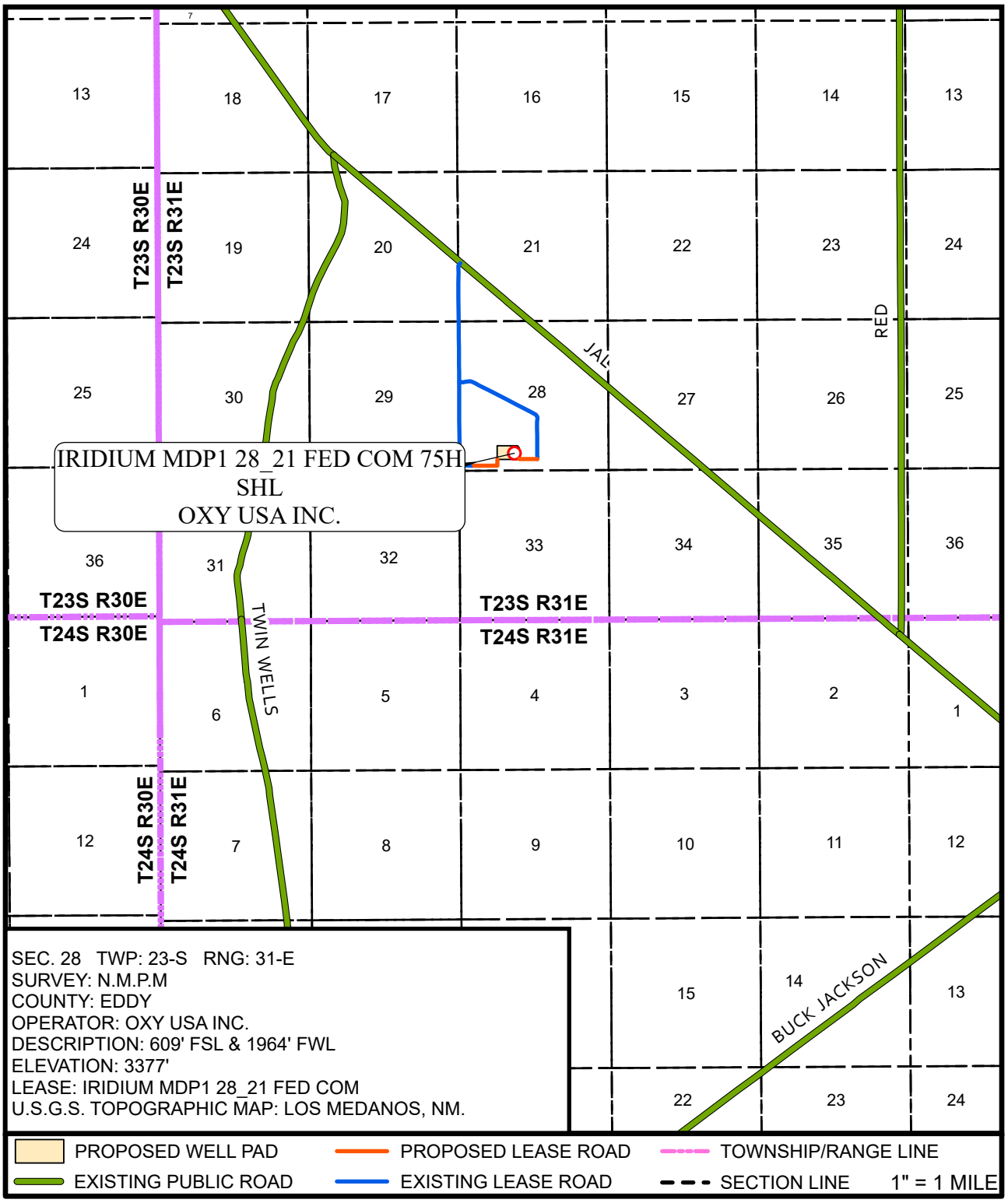
- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PL — PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL
NEW MEXICO
29049
PROFESSIONAL SURVEYOR

JANUARY 17, 2025

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 4 OF 4

VICINITY MAP



APPROXIMATELY 18.20 MILES EAST SOUTHEAST OF LOVING, NM.

FROM THE INTERSECTION OF U.S. HWY 285 AND STATE HWY 387 / W. CEDAR STREET IN LOVING, NEW MEXICO, HEAD NORTH ON U.S. HWY 285 FOR APPROXIMATELY 2.3 MILES TO STATE HWY 31 / POTASH MINES ROAD. HEAD EAST ON STATE HWY 31 / POTASH MINES ROAD FOR APPROXIMATELY 7.7 MILES TO STATE HWY 128 / JAL HWY ON EAST SIDE OF ROAD. HEAD EASTE ON STATE HWY 128 / JAL HWY FOR APPROXIMATELY 13.9 MILES TO AN EXISTING LEASE ROAD ON SOUTH SIDE OF THE HIGHWAY. HEAD SOUTH ON SAID LEASE ROAD FOR APPROXIMATELY 0.8 MILES TO AN EXISTING LEASE ROAD ON THE EAST SIDE OF THE ROAD. HEAD EAST ON SAID LEASE ROAD FOR APPROXIMATELY 0.9 MILES TO A PROPOSED CENTERLINE ACCESS ROAD SURVEY ON THE WEST SIDE OF THE ROAD.

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON STREET,
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS01_14397

SITE PLAN

SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

200' 0' 200' 400'
SCALE: 1" = 400'

TIE TABLE		
TIE	BEARING	DISTANCE
TIE-1	S 61°30'04" W	399.33'
TIE-2	N 31°41'27" W	2,621.84'
TIE-3	S 81°21'39" E	2,539.07'
TIE-4	S 79°05'09" W	2,164.34'

CENTERLINE PROPOSED LEASE ROADS		
LINE	BEARING	DISTANCE
L1	S 67°30'18" E	35.94'
L2	S 89°59'47" E	974.14'
L3	N 00°01'14" W	223.01'
L4	N 89°59'51" W	645.06'

1" IRON PIPE W/GLO CAP FND FOR W/4 COR SEC 28

PROPOSED CRUDE FLOWLINE

PROPOSED BULK LINE

EXISTING GAS PIPELINE

PROPOSED CRUDE FLOWLINE

℄ EXISTING LEASE ROAD

SECTION 28, T-23-S, R-31-E

TIE-2

PROPOSED GAS PIPELINE

PROPOSED CRUDE FLOWLINE

PROPOSED OVERHEAD POWERLINE

PROPOSED OVERHEAD POWERLINE

EXISTING PAD

SNDDNS_T23SR31E_28_05 WELL PAD

SNDDNS_T23SR31E_28_03 WELL PAD

PROPOSED BULK LINE

EXISTING WATER LINE

PROPOSED CRUDE FLOWLINE

L4

L3

L2

L1

TIE-1

TIE-4

TIE-3

PROPOSED 20 FOOT WIDE BY 645.06 FOOT LONG (39.09 RODS) LEASE ROAD WITHIN A 30 FOOT WIDE EASEMENT OF SAME LENGTH

PROPOSED 20 FOOT WIDE BY 1,235.09 FOOT LONG (74.85 RODS) LEASE ROAD WITHIN A 30 FOOT WIDE EASEMENT OF SAME LENGTH

EXISTING PAD

2" IRON PIPE W/GLO CAP FND FOR SW COR SEC 28

SECTION 33, T-23-S, R-31-E

2" IRON PIPE W/GLO CAP FND FOR SE COR SEC 28

10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 1 OF 3

SITE PLAN

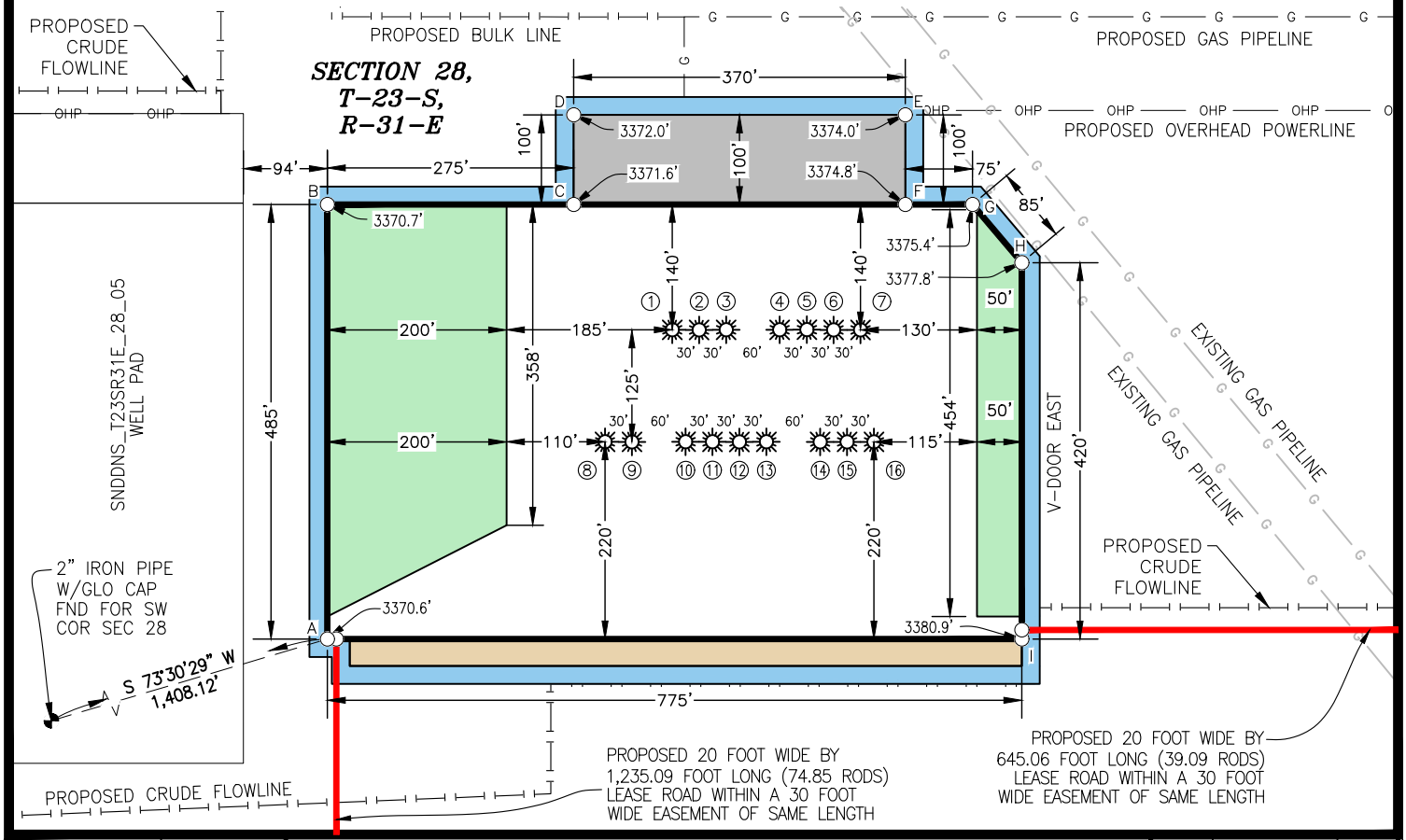
SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

100' 0' 100' 200'
SCALE: 1" = 200'

NAD 83								
A	E:(X)710224.61 N:(Y)462119.38	LAT:32.26925891 LON:-103.78691593	D	E:(X)710499.61 N:(Y)462704.38	LAT:32.27086308 LON:-103.78601658	G	E:(X)710944.61 N:(Y)462604.38	LAT:32.27058196 LON:-103.78457851
B	E:(X)710224.61 N:(Y)462604.38	LAT:32.27059206 LON:-103.78690794	E	E:(X)710869.61 N:(Y)462704.38	LAT:32.27085789 LON:-103.78481951	H	E:(X)710999.61 N:(Y)462539.38	LAT:32.27040252 LON:-103.78440164
C	E:(X)710499.61 N:(Y)462604.38	LAT:32.27058820 LON:-103.78601823	F	E:(X)710869.61 N:(Y)462604.38	LAT:32.27058301 LON:-103.78482116	I	E:(X)710999.61 N:(Y)462119.38	LAT:32.26924804 LON:-103.78440859

NAD 27								
A	E:(X)669041.06 N:(Y)462060.07	LAT:32.26913589 LON:-103.78643036	D	E:(X)669316.07 N:(Y)462645.06	LAT:32.27074007 LON:-103.78553096	G	E:(X)669761.07 N:(Y)462545.06	LAT:32.27045894 LON:-103.78409294
B	E:(X)669041.07 N:(Y)462545.06	LAT:32.27046904 LON:-103.78642231	E	E:(X)669686.07 N:(Y)462645.06	LAT:32.27073487 LON:-103.78433392	H	E:(X)669816.07 N:(Y)462480.05	LAT:32.27027946 LON:-103.78391609
C	E:(X)669316.07 N:(Y)462545.06	LAT:32.27046519 LON:-103.78553262	F	E:(X)669686.07 N:(Y)462545.06	LAT:32.27045999 LON:-103.78433559	I	E:(X)669816.05 N:(Y)462060.07	LAT:32.26912501 LON:-103.78392308



10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES
PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 2 OF 3

SITE PLAN

SNDDNS_T23SR31E_28_03
SEC. 28 TWP. 23-S RGE. 31-E
SURVEY: N.M.P.M.
COUNTY: EDDY
OPERATOR: OXY USA, INC.
U.S.G.S. TOPOGRAPHIC MAP: LOS MEDANOS, N.M.
FAA PERMIT NEEDED: NO

TANK BATTERY
RECLAMATION
30' TOP SOIL
20' DISTURBANCE AREA

WELL 1
STERLING SILVER MDP1 33_4 FED COM 15H
OXY USA, INC.
736' FSL 1,740' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710609.56' / Y:462464.49'
LAT:32.27020215N / LON:103.78566482W
NAD 27, SPCS NM EAST
X:669426.02' / Y:462405.18'
LAT:32.27007912N / LON:103.78517923W
ELEVATION = 3,373'

WELL 2
STERLING SILVER MDP1 33_4 FED COM 11H
OXY USA, INC.
735' FSL 1,770' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710639.48' / Y:462464.34'
LAT:32.27020132N / LON:103.78556802W
NAD 27, SPCS NM EAST
X:669455.93' / Y:462405.03'
LAT:32.27007829N / LON:103.78508244W
ELEVATION = 3,374'

WELL 3
STERLING SILVER MDP1 33_4 FED COM 12H
OXY USA, INC.
735' FSL 1,800' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710669.64' / Y:462464.49'
LAT:32.27020131N / LON:103.78547044W
NAD 27, SPCS NM EAST
X:669486.09' / Y:462405.18'
LAT:32.27007828N / LON:103.78498487W
ELEVATION = 3,375'

WELL 4
STERLING SILVER MDP1 33_4 FED COM 41H
OXY USA, INC.
735' FSL 1,860' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710729.41' / Y:462464.50'
LAT:32.27020050N / LON:103.78527707W
NAD 27, SPCS NM EAST
X:669545.87' / Y:462405.18'
LAT:32.27007746N / LON:103.78479149W
ELEVATION = 3,375'

WELL 5
STERLING SILVER MDP1 33_4 FED COM 42H
OXY USA, INC.
735' FSL 1,890' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710759.81' / Y:462464.61'
LAT:32.27020037N / LON:103.78517871W
NAD 27, SPCS NM EAST
X:669576.26' / Y:462405.29'
LAT:32.27007733N / LON:103.78469314W
ELEVATION = 3,375'

WELL 6
STERLING SILVER MDP1 33_4 FED COM 43H
OXY USA, INC.
734' FSL 1,920' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710789.57' / Y:462464.44'
LAT:32.27019949N / LON:103.78508243W
NAD 27, SPCS NM EAST
X:669606.02' / Y:462405.12'
LAT:32.27007645N / LON:103.78459687W
ELEVATION = 3,375'

WELL 7
STERLING SILVER MDP1 33_4 FED COM 47H
OXY USA, INC.
734' FSL 1,950' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710819.58' / Y:462464.40'
LAT:32.27019896N / LON:103.78498534W
NAD 27, SPCS NM EAST
X:669636.04' / Y:462405.08'
LAT:32.27007592N / LON:103.78449977W
ELEVATION = 3,375'

WELL 8
IRIDIUM MDP1 28_21 FED COM 22H
OXY USA, INC.
611' FSL 1,664' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710534.53' / Y:462339.43'
LAT:32.26985944N / LON:103.78590963W
NAD 27, SPCS NM EAST
X:669350.98' / Y:462280.12'
LAT:32.26973641N / LON:103.78542405W
ELEVATION = 3,370'

WELL 9
IRIDIUM MDP1 28_21 FED COM 23H
OXY USA, INC.
611' FSL 1,694' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710564.49' / Y:462339.42'
LAT:32.26985900N / LON:103.78581270W
NAD 27, SPCS NM EAST
X:669380.94' / Y:462280.11'
LAT:32.26973596N / LON:103.78532712W
ELEVATION = 3,371'

WELL 10
IRIDIUM MDP1 28_21 FED COM 42H
OXY USA, INC.
610' FSL 1,754' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710624.56' / Y:462339.44'
LAT:32.26985821N / LON:103.78561836W
NAD 27, SPCS NM EAST
X:669441.01' / Y:462280.13'
LAT:32.26973517N / LON:103.78513279W
ELEVATION = 3,372'

WELL 11
IRIDIUM MDP1 28_21 FED COM 43H
OXY USA, INC.
610' FSL 1,784' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710654.41' / Y:462339.47'
LAT:32.26985787N / LON:103.78552178W
NAD 27, SPCS NM EAST
X:669470.86' / Y:462280.16'
LAT:32.26973484N / LON:103.78503621W
ELEVATION = 3,373'

WELL 12
IRIDIUM MDP1 28_21 FED COM 48H
OXY USA, INC.
610' FSL 1,814' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710684.37' / Y:462339.35'
LAT:32.26985712N / LON:103.78542485W
NAD 27, SPCS NM EAST
X:669500.82' / Y:462280.04'
LAT:32.26973408N / LON:103.78493929W
ELEVATION = 3,373'

WELL 13
IRIDIUM MDP1 28_21 FED COM 49H
OXY USA, INC.
610' FSL 1,844' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710714.57' / Y:462339.43'
LAT:32.26985692N / LON:103.78532715W
NAD 27, SPCS NM EAST
X:669531.02' / Y:462280.12'
LAT:32.26973388N / LON:103.78484159W
ELEVATION = 3,374'

WELL 14
IRIDIUM MDP1 28_21 FED COM 71H
OXY USA, INC.
610' FSL 1,904' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710774.55' / Y:462339.38'
LAT:32.26985594N / LON:103.78513309W
NAD 27, SPCS NM EAST
X:669591.00' / Y:462280.07'
LAT:32.26973290N / LON:103.78464753W
ELEVATION = 3,375'

WELL 15
IRIDIUM MDP1 28_21 FED COM 72H
OXY USA, INC.
609' FSL 1,934' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710804.64' / Y:462339.41'
LAT:32.26985560N / LON:103.78503574W
NAD 27, SPCS NM EAST
X:669621.09' / Y:462280.10'
LAT:32.26973256N / LON:103.78455018W
ELEVATION = 3,377'

WELL 16
IRIDIUM MDP1 28_21 FED COM 75H
OXY USA, INC.
609' FSL 1,964' FWL, SECTION 28
NAD 83, SPCS NM EAST
X:710834.49' / Y:462339.42'
LAT:32.26985521N / LON:103.78493917W
NAD 27, SPCS NM EAST
X:669650.94' / Y:462280.11'
LAT:32.26973217N / LON:103.78445362W
ELEVATION = 3,377'

10/24/2022	11/30/2022
DATE SURVEYED	DATE DRAWN

I, JOHN M. RUSSELL, NEW MEXICO PROFESSIONAL SURVEYOR NO. 29049 DO HEREBY CERTIFY THAT THIS EASEMENT SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT AND THAT THIS INSTRUMENT IS AN EASEMENT SURVEY PLAT CROSSING AN EXISTING TRACT OR TRACTS.

2	01/14/2025	ANC
REV.	DATE	BY

BASIS OF BEARING
ALL BEARINGS AND COORDINATES REFER TO NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET. ALL BEARINGS, DISTANCES, COORDINATES AND AREAS ARE GRID MEASUREMENTS UTILIZING A COMBINED SCALE FACTOR OF 0.99977581 AND A CONVERGENCE ANGLE OF 0.27195833'.

LEGEND

- EXISTING ROAD
- PROPOSED ROAD
- SURFACE SITE EDGE
- EXIST. PIPELINE
- MONUMENT
- QUARTER SPLIT
- OHP — OVERHEAD POWER
- x — x — FENCE
- SECTION LINE
- PL — PROPERTY LINE
- W — W — WATER LINE
- SWD — SALT WATER LINE

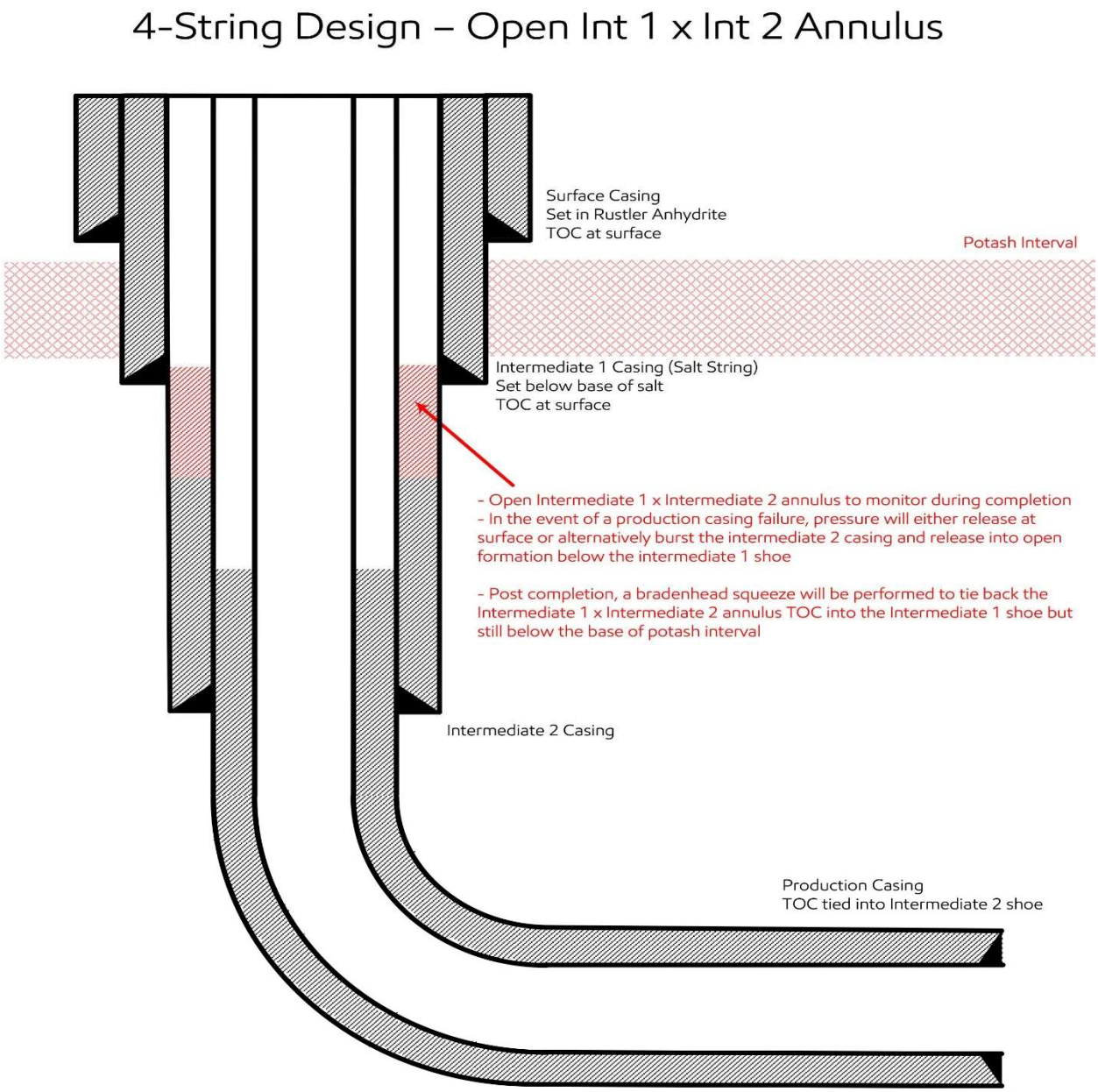
JOHN M RUSSELL NEW MEXICO 29049 PROFESSIONAL SURVEYOR

JANUARY 21, 2025

DELTA FIELD SERVICES

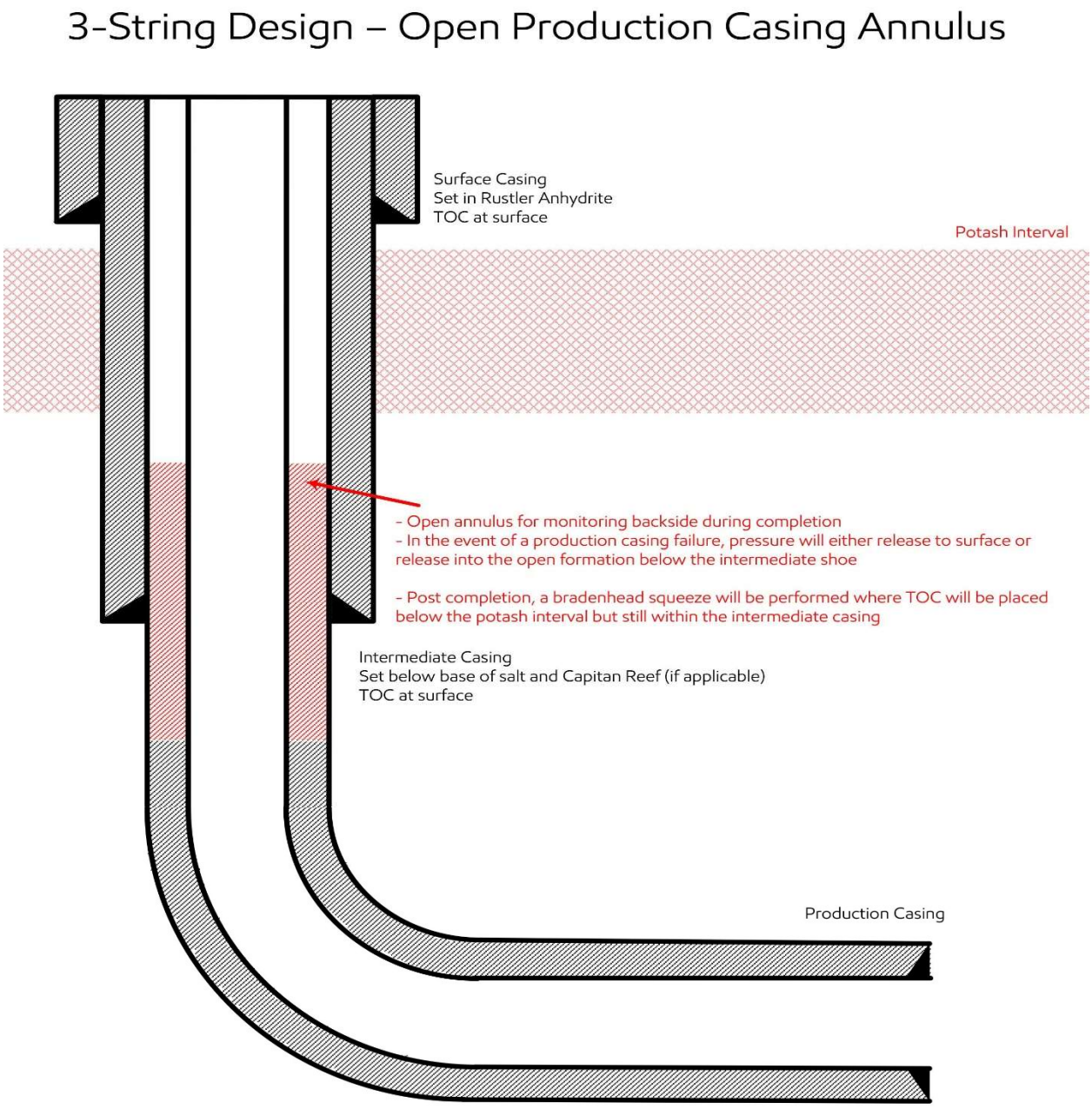
PREPARED BY:
DELTA FIELD SERVICES, LLC
510 TRENTON ST.
WEST MONROE, LA 71291
318-323-6900 OFFICE
JOB No. OXY_0003_IS
SHEET 3 OF 3

Revision Date – May 21, 2024



Update May 2024:
OXY is aware of the R111-Q update and will comply with these requirements including (but not limited to):
1) Alignment with KPLA requirements per schematic above, leaving open annulus for pressure monitoring during frac and utilizing new casing that meets API standards
2) Contingency plans in place to divert formation fluids away from salt interval in event of production casing failure
3) Bradenhead squeeze to be completed within 180days to tie back TOC to salt string at least 500ft but with top below Marker Bed 126
4) Production cement to be tied back no less than 500ft inside previous casing shoe
5) While drilling salt interval, separation distance to any active/inactive producing offset well will be ensured such that SF > 1.0; Anti-Collision Reports will be provided with APD Packages for review where SF < 1.5 against any applicable offset well, or where center-to-center separation against a blind or inclination only surveyed offset well is less than 500ft

Revision Date – May 21, 2024



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Tenaris

API BTC -Special Clearance

Coupling	Pipe Body
Grade: **L80-IC**	Grade: **L80-IC**
Body: **Red**	1st Band: **Red**
1st Band: **Brown**	2nd Band: **Brown**
2nd Band: **-**	3rd Band: **Pale Green**
3rd Band: **-**	4th Band: **-**

Outside Diameter	10.750 in.	**Wall Thickness**	0.400 in.	**Grade**	L80-IC
Min. Wall Thickness	87.50 %	**Pipe Body Drift**	Alternative Drift	**Type**	Casing
Connection OD Option	Special Clearance				

Pipe Body Data

Geometry				Performance	
Nominal OD	10.750 in.	**Drift**	9.875 in.	**SMYS**	80,000 psi
Wall Thickness	0.400 in.	**Plain End Weight**	44.26 lb/ft	**Min UTS**	95,000 psi
Nominal Weight	45.500 lb/ft	**OD Tolerance**	API	**Body Yield Strength**	1040 x1000 lb
Nominal ID	9.950 in.			**Min. Internal Yield Pressure**	5210 psi
				Collapse Pressure	2950 psi
				Max. Allowed Bending	34 °/100 ft

Connection Data

Geometry		Performance	
Thread per In	5	**Joint Strength**	1041 x1000 lb
Connection OD	11.250 in.	**Coupling Face Load**	478 x1000 lb
Hand Tight Stand Off	1 in.	**Internal Pressure Capacity**	4150 psi

Notes

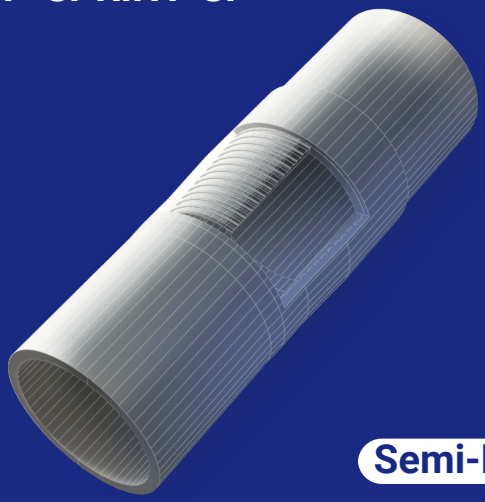
For products according to API Standards 5CT & 5B; Performance calculated considering API Technical Report 5C3 (Sections 9 & 10) equations.
For geometrical and steel grades combinations not considered in the API Standards 5CT and/or 5B; Performance calculations indirectly derived from API Technical Report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

Generated on April 25, 2024

CONNECTION DATA SHEET

OD: **5.500 in.** Grade: **P110 RY**
Weight: **20.00 lb/ft** Drift: **4.653 in. (API)**
Wall Th.: **0.361 in.**

VAM® SPRINT-SF



Semi-Flush

Field Torque Values

Make-up Torque (ft-lb)
20,000 **MIN**
22,500 **OPTI**
25,000 **MAX**

Torque with Sealability (ft-lb)
36,000 **MTS**

Locked Flank Torque (ft-lb)
4,500 **MIN**
15,750 **MAX**

(2) MTS: Maximum Torque with Sealability.

PIPE BODY PROPERTIES

Nominal OD	5.500	*in.*
Nominal ID	4.778	*in.*
Nominal Wall Thickness	0.361	*in.*
Minimum Wall Thickness	87.5	*%*
Nominal Weight (API)	20.00	*lb/ft*
Plain End Weight	19.83	*lb/ft*
Drift	4.653	*in.*
Grade Type	Controlled Yield	
Minimum Yield Strength	110	*ksi*
Maximum Yield Strength	125	*ksi*
Minimum Ultimate Tensile Strength	140	*ksi*
Pipe Body Yield Strength	641	*klb*
Internal Yield Pressure	12,640	*psi*
Collapse Pressure	11,110	*psi*

CONNECTION PROPERTIES

Connection Type	Semi-Premium Integral Semi-Flu	
Nominal Connection OD	5.783	*in.*
Nominal Connection ID	4.718	*in.*
Make-up Loss	5.965	*in.*
Tension Efficiency	90	*% Pipe Body*
Compression Efficiency	90	*% Pipe Body*
Internal Pressure Efficiency	100	*% Pipe Body*
External Pressure Efficiency	100	*% Pipe Body*

JOINT PERFORMANCES

Tension Strength	577	*klb*
Compression Strength	577	*klb*
Internal Pressure Resistance	12,640	*psi*
External Pressure Resistance	11,110	*psi*
Maximum Bending, Structural	78	*°/100 ft*
Maximum Bending, with Sealability(1)	30	*°/100 ft*

(1) Sealability rating demonstrated as per API RP 5C5 / ISO 13679

Oxy USA Inc. - IRIDIUM MDP1 28_21 FED COM 75H

Drill Plan

1. Geologic Formations

TVD of Target (ft):	11457	Pilot Hole Depth (ft):	
Total Measured Depth (ft):	22136	Deepest Expected Fresh Water (ft):	439

Delaware Basin

Formation	MD-RKB (ft)	TVD-RKB (ft)	Expected Fluids
Rustler	439	439	
Salado	810	810	Salt
Castile	2730	2730	Salt
Delaware	4217	4217	Oil/Gas/Brine
Bell Canyon	4241	4241	Oil/Gas/Brine
Cherry Canyon	5114	5114	Oil/Gas/Brine
Brushy Canyon	6412	6412	Losses
Bone Spring	8057	8057	Oil/Gas
Bone Spring 1st	9209	9136	Oil/Gas
Bone Spring 2nd	9802	9802	Oil/Gas
Bone Spring 3rd	10968	10968	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	499	0	499	13.375	54.5	J-55	BTC
Salt	12.25	0	4217	0	4217	10.75	45.5	L-80 HC	BTC-SC
Intermediate	9.875	0	11866	0	11457	7.625	26.4	L-80 HC	BTC
Production	6.75	0	22136	0	11457	5.5	20	P-110	Sprint-SF

All casing strings will be tested in accordance with 43 CFR part 3170 Subpart 3172

All Casing SF Values will meet or exceed those below			
SF Collapse	**SF Burst**	**Body SF Tension**	**Joint SF Tension**
1.00	1.100	1.4	1.4

	Y or N
Is casing new? If used, attach certification as required in 43 CFR 3160	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-Q?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	
Is well located in R-111-Q and SOPA?	Y
If yes, are the first three strings cemented to surface?	Y
Is 2nd string set 100' to 600' below the base of salt?	Y
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:	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess:	TOC	Placement	Description
Surface	1	Surface - Tail	521	1.33	14.8	100%	-	Circulate	Class C+Accel.
Int.1	1	Intermediate - Tail	85	1.33	14.8	20%	3,717	Circulate	Class C+Accel.
Int.1	1	Intermediate - Lead	594	1.73	12.9	50%	-	Circulate	Class Pozz+Ret.
Int. 2	1	Intermediate 1S - Tail	699	1.68	13.2	5%	6,662	Circulate	Class C+Ret., Disper.
Int. 2	2	Intermediate 2S - Tail BH	449	1.71	13.3	25%	3,717	Bradenhead Post-Frac	Class C+Accel.
Prod.	1	Production - Tail	610	1.84	13.3	25%	11,366	Circulate	Class C+Ret.

Offline Cementing Request

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. Please see Offline Cementing Variance

Bradenhead CBL Request

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. Please see Bradenhead CBL Variance attachment for further details.

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"	5M	Annular	✓	70% of working pressure	4217
		5M	Blind Ram	✓	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			
9.875" Hole	13-5/8"	5M	Annular	✓	70% of working pressure	11457
		5M	Blind Ram	✓	250 psi / 5000 psi	
			Pipe Ram			
			Double Ram	✓		
			Other*			
6.75" Hole	13-5/8"	5M	Annular	✓	100% of working pressure	11457
		10M	Blind Ram	✓	250 psi / 10000 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 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

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

5M Annular BOP Request

Per BLM's Memorandum No. NM-2017-008: *Decision and Rationale for a Variance Allowing the Use of a 5M Annular Preventer with a 10M BOP Stack*, Oxy requests to employ a 5M annular with a 10M BOPE stack in the pilot and lateral sections of the well and will ensure that two barriers to flow are

	Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172.
	On Exploratory wells or on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Will be tested in accordance with 43 CFR part 3170 Subpart 3172.
	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 43 CFR part 3170 Subpart 3172 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. 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. Please see BOP Break Testing Variance attachment for further details.

Oxy will use Cameron ADAPT wellhead system that uses an OEC top flange connection. This connection has been fully vetted and verified by API to Spec 6A and carries an API monogram.

5. Mud Program

Section	Depth		Depth - TVD		Type	Weight (ppg)	Viscosity	Water Loss
	From (ft)	To (ft)	From (ft)	To (ft)				
Surface	0	499	0	499	Water-Based Mud	8.6 - 8.8	40-60	N/C
Intermediate 1	499	4217	499	4217	Saturated Brine-Based or Oil-Based Mud	8.0 - 10.0	35-45	N/C
Intermediate 2	4217	11866	4217	11457	Water-Based or Oil-Based Mud	8.0 - 10.0	38-50	N/C
Production	11866	22136	11457	11457	Water-Based or Oil-Based Mud	9.5 - 12.5	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	
Yes	CBL	Production string
Yes	Mud log	Bone Spring – TD
No	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	7448 psi
Abnormal Temperature	No
BH Temperature at deepest TVD	172°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 43 CFR part 3170 Subpart 3172. 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 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. 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: 1870 bbls

OXY

PRD NM DIRECTIONAL PLANS (NAD 1983)
Iridium MDP1 28_21 Fed Com
Iridium MDP1 28_21 Fed Com 75H

Wellbore #1

Plan: Permitting Plan

Standard Planning Report

06 March, 2025

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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 Iridium MDP1 28_21 Fed Com

Site Position:		**Northing:**	462,153.25 usft	**Latitude:**	32.269362
From:	Map	**Easting:**	709,519.68 usft	**Longitude:**	-103.789196
Position Uncertainty:	0.89 ft	**Slot Radius:**	13.200 in		

Well Iridium MDP1 28_21 Fed Com 75H

Well Position	**+N/-S**	0.00 ft	**Northing:**	462,339.42 usf	**Latitude:**	32.269855
	+E/-W	0.00 ft	**Easting:**	710,834.49 usf	**Longitude:**	-103.784939
Position Uncertainty		2.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	3,377.00 ft
Grid Convergence:		0.29 °				

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	3/2/2023	6.43	59.85	47,562.60000000

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 (°)
	0.00	0.00	0.00	1.64

Plan Survey Tool Program **Date** 3/6/2025

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	22,136.20	Permitting Plan (Wellbore #1)	B001Mc_MWD+HRGM_R5 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	
4,895.00	0.00	0.00	4,895.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,894.77	10.00	160.74	5,889.70	-82.14	28.70	1.00	1.00	0.00	160.74	
10,871.66	10.00	160.74	10,791.02	-897.82	313.67	0.00	0.00	0.00	0.00	
11,866.20	90.00	359.64	11,457.00	-332.41	348.18	10.00	8.04	-16.20	-160.83	
22,136.20	90.00	359.64	11,457.00	9,937.39	284.19	0.00	0.00	0.00	0.00	PBHL (Iridium

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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
2,900.00	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
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,895.00	0.00	0.00	4,895.00	0.00	0.00	0.00	0.00	0.00	0.00
Build 1°/100'									
4,900.00	0.05	160.74	4,900.00	0.00	0.00	0.00	1.00	1.00	0.00
5,000.00	1.05	160.74	4,999.99	-0.91	0.32	-0.90	1.00	1.00	0.00
5,100.00	2.05	160.74	5,099.96	-3.46	1.21	-3.43	1.00	1.00	0.00
5,200.00	3.05	160.74	5,199.86	-7.66	2.68	-7.58	1.00	1.00	0.00

OXY

Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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	4.05	160.74	5,299.66	-13.51	4.72	-13.37	1.00	1.00	0.00
5,400.00	5.05	160.74	5,399.35	-21.00	7.34	-20.78	1.00	1.00	0.00
5,500.00	6.05	160.74	5,498.88	-30.13	10.53	-29.81	1.00	1.00	0.00
5,600.00	7.05	160.74	5,598.22	-40.89	14.29	-40.47	1.00	1.00	0.00
5,700.00	8.05	160.74	5,697.35	-53.30	18.62	-52.74	1.00	1.00	0.00
5,800.00	9.05	160.74	5,796.24	-67.33	23.52	-66.63	1.00	1.00	0.00
5,894.77	10.00	160.74	5,889.70	-82.14	28.70	-81.28	1.00	1.00	0.00
Hold 10° Tangent									
5,900.00	10.00	160.74	5,894.85	-82.99	29.00	-82.13	0.00	0.00	0.00
6,000.00	10.00	160.74	5,993.34	-99.38	34.72	-98.35	0.00	0.00	0.00
6,100.00	10.00	160.74	6,091.82	-115.77	40.45	-114.57	0.00	0.00	0.00
6,200.00	10.00	160.74	6,190.30	-132.16	46.17	-130.79	0.00	0.00	0.00
6,300.00	10.00	160.74	6,288.78	-148.55	51.90	-147.01	0.00	0.00	0.00
6,400.00	10.00	160.74	6,387.26	-164.94	57.63	-163.23	0.00	0.00	0.00
6,500.00	10.00	160.74	6,485.74	-181.33	63.35	-179.44	0.00	0.00	0.00
6,600.00	10.00	160.74	6,584.23	-197.72	69.08	-195.66	0.00	0.00	0.00
6,700.00	10.00	160.74	6,682.71	-214.11	74.80	-211.88	0.00	0.00	0.00
6,800.00	10.00	160.74	6,781.19	-230.50	80.53	-228.10	0.00	0.00	0.00
6,900.00	10.00	160.74	6,879.67	-246.89	86.26	-244.32	0.00	0.00	0.00
7,000.00	10.00	160.74	6,978.15	-263.28	91.98	-260.54	0.00	0.00	0.00
7,100.00	10.00	160.74	7,076.63	-279.67	97.71	-276.76	0.00	0.00	0.00
7,200.00	10.00	160.74	7,175.11	-296.06	103.43	-292.98	0.00	0.00	0.00
7,300.00	10.00	160.74	7,273.60	-312.44	109.16	-309.20	0.00	0.00	0.00
7,400.00	10.00	160.74	7,372.08	-328.83	114.89	-325.42	0.00	0.00	0.00
7,500.00	10.00	160.74	7,470.56	-345.22	120.61	-341.63	0.00	0.00	0.00
7,600.00	10.00	160.74	7,569.04	-361.61	126.34	-357.85	0.00	0.00	0.00
7,700.00	10.00	160.74	7,667.52	-378.00	132.06	-374.07	0.00	0.00	0.00
7,800.00	10.00	160.74	7,766.00	-394.39	137.79	-390.29	0.00	0.00	0.00
7,900.00	10.00	160.74	7,864.48	-410.78	143.52	-406.51	0.00	0.00	0.00
8,000.00	10.00	160.74	7,962.97	-427.17	149.24	-422.73	0.00	0.00	0.00
8,100.00	10.00	160.74	8,061.45	-443.56	154.97	-438.95	0.00	0.00	0.00
8,200.00	10.00	160.74	8,159.93	-459.95	160.69	-455.17	0.00	0.00	0.00
8,300.00	10.00	160.74	8,258.41	-476.34	166.42	-471.39	0.00	0.00	0.00
8,400.00	10.00	160.74	8,356.89	-492.73	172.15	-487.61	0.00	0.00	0.00
8,500.00	10.00	160.74	8,455.37	-509.12	177.87	-503.82	0.00	0.00	0.00
8,600.00	10.00	160.74	8,553.86	-525.51	183.60	-520.04	0.00	0.00	0.00
8,700.00	10.00	160.74	8,652.34	-541.90	189.32	-536.26	0.00	0.00	0.00
8,800.00	10.00	160.74	8,750.82	-558.29	195.05	-552.48	0.00	0.00	0.00
8,900.00	10.00	160.74	8,849.30	-574.67	200.78	-568.70	0.00	0.00	0.00
9,000.00	10.00	160.74	8,947.78	-591.06	206.50	-584.92	0.00	0.00	0.00
9,100.00	10.00	160.74	9,046.26	-607.45	212.23	-601.14	0.00	0.00	0.00
9,200.00	10.00	160.74	9,144.74	-623.84	217.95	-617.36	0.00	0.00	0.00
9,300.00	10.00	160.74	9,243.23	-640.23	223.68	-633.58	0.00	0.00	0.00
9,400.00	10.00	160.74	9,341.71	-656.62	229.41	-649.80	0.00	0.00	0.00
9,500.00	10.00	160.74	9,440.19	-673.01	235.13	-666.01	0.00	0.00	0.00
9,600.00	10.00	160.74	9,538.67	-689.40	240.86	-682.23	0.00	0.00	0.00
9,700.00	10.00	160.74	9,637.15	-705.79	246.58	-698.45	0.00	0.00	0.00
9,800.00	10.00	160.74	9,735.63	-722.18	252.31	-714.67	0.00	0.00	0.00
9,900.00	10.00	160.74	9,834.11	-738.57	258.04	-730.89	0.00	0.00	0.00
10,000.00	10.00	160.74	9,932.60	-754.96	263.76	-747.11	0.00	0.00	0.00
10,100.00	10.00	160.74	10,031.08	-771.35	269.49	-763.33	0.00	0.00	0.00
10,200.00	10.00	160.74	10,129.56	-787.74	275.21	-779.55	0.00	0.00	0.00
10,300.00	10.00	160.74	10,228.04	-804.13	280.94	-795.77	0.00	0.00	0.00
10,400.00	10.00	160.74	10,326.52	-820.51	286.67	-811.98	0.00	0.00	0.00
10,500.00	10.00	160.74	10,425.00	-836.90	292.39	-828.20	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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)
10,600.00	10.00	160.74	10,523.48	-853.29	298.12	-844.42	0.00	0.00	0.00
10,700.00	10.00	160.74	10,621.97	-869.68	303.84	-860.64	0.00	0.00	0.00
10,800.00	10.00	160.74	10,720.45	-886.07	309.57	-876.86	0.00	0.00	0.00
10,871.66	10.00	160.74	10,791.02	-897.82	313.67	-888.48	0.00	0.00	0.00
KOP, Build & Turn 10°/100'									
10,900.00	7.38	153.48	10,819.03	-901.77	315.30	-892.39	10.00	-9.24	-25.63
11,000.00	4.70	43.63	10,918.70	-904.56	321.01	-895.01	10.00	-2.68	-109.85
11,100.00	13.77	13.12	11,017.35	-889.96	326.55	-880.27	10.00	9.07	-30.51
11,200.00	23.59	7.16	11,111.97	-858.44	331.76	-848.61	10.00	9.83	-5.97
11,300.00	33.52	4.59	11,199.70	-810.94	336.47	-800.99	10.00	9.93	-2.57
11,400.00	43.48	3.10	11,277.86	-748.90	340.55	-738.86	10.00	9.96	-1.49
11,500.00	53.45	2.07	11,344.09	-674.22	343.86	-664.11	10.00	9.97	-1.03
11,579.86	61.42	1.43	11,387.04	-607.00	345.90	-596.86	10.00	9.98	-0.81
PPP-1 Cross									
11,600.00	63.43	1.28	11,396.37	-589.15	346.32	-579.01	10.00	9.98	-0.73
11,700.00	73.41	0.62	11,433.10	-496.30	347.84	-486.15	10.00	9.98	-0.66
11,800.00	83.39	0.02	11,453.19	-398.46	348.37	-388.34	10.00	9.98	-0.60
11,866.20	90.00	359.64	11,457.00	-332.41	348.18	-322.33	10.00	9.98	-0.57
Landing Point									
11,900.00	90.00	359.64	11,457.00	-298.61	347.97	-288.54	0.00	0.00	0.00
12,000.00	90.00	359.64	11,457.00	-198.61	347.35	-188.60	0.00	0.00	0.00
12,100.00	90.00	359.64	11,457.00	-98.62	346.72	-88.66	0.00	0.00	0.00
12,200.00	90.00	359.64	11,457.00	1.38	346.10	11.28	0.00	0.00	0.00
12,300.00	90.00	359.64	11,457.00	101.38	345.48	111.22	0.00	0.00	0.00
12,400.00	90.00	359.64	11,457.00	201.38	344.85	211.15	0.00	0.00	0.00
12,500.00	90.00	359.64	11,457.00	301.38	344.23	311.09	0.00	0.00	0.00
12,600.00	90.00	359.64	11,457.00	401.38	343.61	411.03	0.00	0.00	0.00
12,700.00	90.00	359.64	11,457.00	501.37	342.99	510.97	0.00	0.00	0.00
12,800.00	90.00	359.64	11,457.00	601.37	342.36	610.91	0.00	0.00	0.00
12,900.00	90.00	359.64	11,457.00	701.37	341.74	710.85	0.00	0.00	0.00
13,000.00	90.00	359.64	11,457.00	801.37	341.12	810.79	0.00	0.00	0.00
13,100.00	90.00	359.64	11,457.00	901.37	340.49	910.73	0.00	0.00	0.00
13,200.00	90.00	359.64	11,457.00	1,001.36	339.87	1,010.67	0.00	0.00	0.00
13,300.00	90.00	359.64	11,457.00	1,101.36	339.25	1,110.61	0.00	0.00	0.00
13,400.00	90.00	359.64	11,457.00	1,201.36	338.62	1,210.55	0.00	0.00	0.00
13,500.00	90.00	359.64	11,457.00	1,301.36	338.00	1,310.49	0.00	0.00	0.00
13,600.00	90.00	359.64	11,457.00	1,401.36	337.38	1,410.43	0.00	0.00	0.00
13,700.00	90.00	359.64	11,457.00	1,501.35	336.75	1,510.37	0.00	0.00	0.00
13,800.00	90.00	359.64	11,457.00	1,601.35	336.13	1,610.31	0.00	0.00	0.00
13,900.00	90.00	359.64	11,457.00	1,701.35	335.51	1,710.25	0.00	0.00	0.00
14,000.00	90.00	359.64	11,457.00	1,801.35	334.88	1,810.18	0.00	0.00	0.00
14,100.00	90.00	359.64	11,457.00	1,901.35	334.26	1,910.12	0.00	0.00	0.00
14,200.00	90.00	359.64	11,457.00	2,001.34	333.64	2,010.06	0.00	0.00	0.00
14,300.00	90.00	359.64	11,457.00	2,101.34	333.02	2,110.00	0.00	0.00	0.00
14,400.00	90.00	359.64	11,457.00	2,201.34	332.39	2,209.94	0.00	0.00	0.00
14,500.00	90.00	359.64	11,457.00	2,301.34	331.77	2,309.88	0.00	0.00	0.00
14,600.00	90.00	359.64	11,457.00	2,401.34	331.15	2,409.82	0.00	0.00	0.00
14,700.00	90.00	359.64	11,457.00	2,501.33	330.52	2,509.76	0.00	0.00	0.00
14,800.00	90.00	359.64	11,457.00	2,601.33	329.90	2,609.70	0.00	0.00	0.00
14,900.00	90.00	359.64	11,457.00	2,701.33	329.28	2,709.64	0.00	0.00	0.00
15,000.00	90.00	359.64	11,457.00	2,801.33	328.65	2,809.58	0.00	0.00	0.00
15,100.00	90.00	359.64	11,457.00	2,901.33	328.03	2,909.52	0.00	0.00	0.00
15,200.00	90.00	359.64	11,457.00	3,001.32	327.41	3,009.46	0.00	0.00	0.00
15,300.00	90.00	359.64	11,457.00	3,101.32	326.78	3,109.40	0.00	0.00	0.00
15,400.00	90.00	359.64	11,457.00	3,201.32	326.16	3,209.34	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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)
15,500.00	90.00	359.64	11,457.00	3,301.32	325.54	3,309.28	0.00	0.00	0.00
15,600.00	90.00	359.64	11,457.00	3,401.32	324.91	3,409.21	0.00	0.00	0.00
15,700.00	90.00	359.64	11,457.00	3,501.31	324.29	3,509.15	0.00	0.00	0.00
15,800.00	90.00	359.64	11,457.00	3,601.31	323.67	3,609.09	0.00	0.00	0.00
15,900.00	90.00	359.64	11,457.00	3,701.31	323.05	3,709.03	0.00	0.00	0.00
16,000.00	90.00	359.64	11,457.00	3,801.31	322.42	3,808.97	0.00	0.00	0.00
16,100.00	90.00	359.64	11,457.00	3,901.31	321.80	3,908.91	0.00	0.00	0.00
16,200.00	90.00	359.64	11,457.00	4,001.31	321.18	4,008.85	0.00	0.00	0.00
16,300.00	90.00	359.64	11,457.00	4,101.30	320.55	4,108.79	0.00	0.00	0.00
16,400.00	90.00	359.64	11,457.00	4,201.30	319.93	4,208.73	0.00	0.00	0.00
16,500.00	90.00	359.64	11,457.00	4,301.30	319.31	4,308.67	0.00	0.00	0.00
16,600.00	90.00	359.64	11,457.00	4,401.30	318.68	4,408.61	0.00	0.00	0.00
16,700.00	90.00	359.64	11,457.00	4,501.30	318.06	4,508.55	0.00	0.00	0.00
16,800.00	90.00	359.64	11,457.00	4,601.29	317.44	4,608.49	0.00	0.00	0.00
16,871.71	90.00	359.64	11,457.00	4,673.00	316.99	4,680.15	0.00	0.00	0.00
PPP-2 Cross									
16,900.00	90.00	359.64	11,457.00	4,701.29	316.81	4,708.43	0.00	0.00	0.00
17,000.00	90.00	359.64	11,457.00	4,801.29	316.19	4,808.37	0.00	0.00	0.00
17,100.00	90.00	359.64	11,457.00	4,901.29	315.57	4,908.31	0.00	0.00	0.00
17,200.00	90.00	359.64	11,457.00	5,001.29	314.95	5,008.25	0.00	0.00	0.00
17,300.00	90.00	359.64	11,457.00	5,101.28	314.32	5,108.18	0.00	0.00	0.00
17,400.00	90.00	359.64	11,457.00	5,201.28	313.70	5,208.12	0.00	0.00	0.00
17,500.00	90.00	359.64	11,457.00	5,301.28	313.08	5,308.06	0.00	0.00	0.00
17,600.00	90.00	359.64	11,457.00	5,401.28	312.45	5,408.00	0.00	0.00	0.00
17,700.00	90.00	359.64	11,457.00	5,501.28	311.83	5,507.94	0.00	0.00	0.00
17,800.00	90.00	359.64	11,457.00	5,601.27	311.21	5,607.88	0.00	0.00	0.00
17,900.00	90.00	359.64	11,457.00	5,701.27	310.58	5,707.82	0.00	0.00	0.00
18,000.00	90.00	359.64	11,457.00	5,801.27	309.96	5,807.76	0.00	0.00	0.00
18,100.00	90.00	359.64	11,457.00	5,901.27	309.34	5,907.70	0.00	0.00	0.00
18,200.00	90.00	359.64	11,457.00	6,001.27	308.71	6,007.64	0.00	0.00	0.00
18,300.00	90.00	359.64	11,457.00	6,101.26	308.09	6,107.58	0.00	0.00	0.00
18,400.00	90.00	359.64	11,457.00	6,201.26	307.47	6,207.52	0.00	0.00	0.00
18,500.00	90.00	359.64	11,457.00	6,301.26	306.84	6,307.46	0.00	0.00	0.00
18,600.00	90.00	359.64	11,457.00	6,401.26	306.22	6,407.40	0.00	0.00	0.00
18,700.00	90.00	359.64	11,457.00	6,501.26	305.60	6,507.34	0.00	0.00	0.00
18,800.00	90.00	359.64	11,457.00	6,601.25	304.98	6,607.28	0.00	0.00	0.00
18,900.00	90.00	359.64	11,457.00	6,701.25	304.35	6,707.21	0.00	0.00	0.00
19,000.00	90.00	359.64	11,457.00	6,801.25	303.73	6,807.15	0.00	0.00	0.00
19,100.00	90.00	359.64	11,457.00	6,901.25	303.11	6,907.09	0.00	0.00	0.00
19,200.00	90.00	359.64	11,457.00	7,001.25	302.48	7,007.03	0.00	0.00	0.00
19,300.00	90.00	359.64	11,457.00	7,101.25	301.86	7,106.97	0.00	0.00	0.00
19,400.00	90.00	359.64	11,457.00	7,201.24	301.24	7,206.91	0.00	0.00	0.00
19,500.00	90.00	359.64	11,457.00	7,301.24	300.61	7,306.85	0.00	0.00	0.00
19,600.00	90.00	359.64	11,457.00	7,401.24	299.99	7,406.79	0.00	0.00	0.00
19,700.00	90.00	359.64	11,457.00	7,501.24	299.37	7,506.73	0.00	0.00	0.00
19,800.00	90.00	359.64	11,457.00	7,601.24	298.74	7,606.67	0.00	0.00	0.00
19,900.00	90.00	359.64	11,457.00	7,701.23	298.12	7,706.61	0.00	0.00	0.00
20,000.00	90.00	359.64	11,457.00	7,801.23	297.50	7,806.55	0.00	0.00	0.00
20,100.00	90.00	359.64	11,457.00	7,901.23	296.87	7,906.49	0.00	0.00	0.00
20,200.00	90.00	359.64	11,457.00	8,001.23	296.25	8,006.43	0.00	0.00	0.00
20,300.00	90.00	359.64	11,457.00	8,101.23	295.63	8,106.37	0.00	0.00	0.00
20,400.00	90.00	359.64	11,457.00	8,201.22	295.01	8,206.31	0.00	0.00	0.00
20,500.00	90.00	359.64	11,457.00	8,301.22	294.38	8,306.24	0.00	0.00	0.00
20,600.00	90.00	359.64	11,457.00	8,401.22	293.76	8,406.18	0.00	0.00	0.00
20,700.00	90.00	359.64	11,457.00	8,501.22	293.14	8,506.12	0.00	0.00	0.00

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**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)
20,800.00	90.00	359.64	11,457.00	8,601.22	292.51	8,606.06	0.00	0.00	0.00
20,900.00	90.00	359.64	11,457.00	8,701.21	291.89	8,706.00	0.00	0.00	0.00
21,000.00	90.00	359.64	11,457.00	8,801.21	291.27	8,805.94	0.00	0.00	0.00
21,100.00	90.00	359.64	11,457.00	8,901.21	290.64	8,905.88	0.00	0.00	0.00
21,200.00	90.00	359.64	11,457.00	9,001.21	290.02	9,005.82	0.00	0.00	0.00
21,300.00	90.00	359.64	11,457.00	9,101.21	289.40	9,105.76	0.00	0.00	0.00
21,400.00	90.00	359.64	11,457.00	9,201.20	288.77	9,205.70	0.00	0.00	0.00
21,500.00	90.00	359.64	11,457.00	9,301.20	288.15	9,305.64	0.00	0.00	0.00
21,600.00	90.00	359.64	11,457.00	9,401.20	287.53	9,405.58	0.00	0.00	0.00
21,700.00	90.00	359.64	11,457.00	9,501.20	286.91	9,505.52	0.00	0.00	0.00
21,800.00	90.00	359.64	11,457.00	9,601.20	286.28	9,605.46	0.00	0.00	0.00
21,900.00	90.00	359.64	11,457.00	9,701.19	285.66	9,705.40	0.00	0.00	0.00
22,000.00	90.00	359.64	11,457.00	9,801.19	285.04	9,805.34	0.00	0.00	0.00
22,100.00	90.00	359.64	11,457.00	9,901.19	284.41	9,905.27	0.00	0.00	0.00
22,136.20	90.00	359.64	11,457.00	9,937.39	284.19	9,941.45	0.00	0.00	0.00
TD at 22136.20' MD									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP (Iridium MDP1	0.00	0.00	0.00	-907.41	351.75	461,432.06	711,186.22	32.267356	-103.783817
- plan misses target center by 973.21ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
PBHL (Iridium MDP1	0.00	0.00	11,457.00	9,937.39	284.19	472,276.21	711,118.66	32.297165	-103.783855
- plan hits target center									
- Point									
FTP (Iridium MDP1	0.00	0.00	11,457.00	-507.40	349.27	461,832.05	711,183.74	32.268456	-103.783818
- plan misses target center by 26.22ft at 11698.48ft MD (11432.67 TVD, -497.75 N, 347.82 E)									
- Point									

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
439.00	439.00	RUSTLER			
810.00	810.00	SALADO			
2,730.00	2,730.00	CASTILE			
4,217.00	4,217.00	DELAWARE			
4,241.00	4,241.00	BELL CANYON			
5,114.05	5,114.00	CHERRY CANYON			
6,411.92	6,399.00	BRUSHY CANYON			
8,056.90	8,019.00	BONE SPRING			
9,802.40	9,738.00	BONE SPRING 2ND			
10,968.23	10,887.00	BONE SPRING 3RD			

OXY
Planning Report

Database:	HOPSPP	**Local Co-ordinate Reference:**	Well Iridium MDP1 28_21 Fed Com 75H
Company:	ENGINEERING DESIGNS	**TVD Reference:**	RKB=25' @ 3402.00ft
Project:	PRD NM DIRECTIONAL PLANS (NAD 1983)	**MD Reference:**	RKB=25' @ 3402.00ft
Site:	Iridium MDP1 28_21 Fed Com	**North Reference:**	Grid
Well:	Iridium MDP1 28_21 Fed Com 75H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permitting Plan		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,895.00	4,895.00	0.00	0.00	Build 1°/100'
5,894.77	5,889.70	-82.14	28.70	Hold 10° Tangent
10,871.66	10,791.02	-897.82	313.67	KOP, Build & Turn 10°/100'
11,579.86	11,387.04	-607.00	345.90	PPP-1 Cross
11,866.20	11,457.00	-332.41	348.18	Landing Point
16,871.71	11,457.00	4,673.00	316.99	PPP-2 Cross
22,136.20	11,457.00	9,937.39	284.19	TD at 22136.20' MD

OXY APD CHANGE SUNDRY LIST FORM

DATE SUNDRY WORKSHEET CREATED	3/10/2025
WELL NAME_NUMBER	IRIDIUM MDP1 28_21 FED COM 75H
API NUMBER	30-015-56301
ESTIMATED SPUD DATE	5/1/2025

AFMSS Blurb

PLEASE SEE ATTACHED OXY APD CHANGE SUNDRY LIST THAT HIGHLIGHTS CHANGES AND ATTACHMENTS. GENERAL CHANGE DOCUMENTS ARE COMBINED INTO 1 PDF FILE AND WELL SPECIFIC DOCUMENTS ARE INDIVIDUAL ATTACHMENTS.

	ITEM	APD BASE LINE (For Regulatory to Complete)	SUNDRY PLAN (Groups to complete the latest plan)
		Date APD/BASE LINE APPROVED:	DATE Sundry Worksheet :
Surface Planning	NAME	IRIDIUM MDP1 28_21 FEDERAL COM 75H	IRIDIUM MDP1 28_21 FEDERAL COM 75H
	NSL	NO	NO
	SHL	610' FSL & 1829' FWL SESW	609' FSL & 1964' FWL SESW
	PAD	SNDDNS_T23S R31E_2803	SNDDNS_T23SR31E_28_03
	BHL	20' FNL & 1310' FWL NWNW	20' FNL & 2310' FWL NENW
	HSU SIZE, ACRES	640	640
	POOL	INGLE WELLS; BONESPRING	INGLE WELLS; BONESPRING
	TVD	8,715	11,457
	TARGET FORMATION	BONESPRING	BONESPRING

CASING PROGRAM

APD BASE LINE								SUNDRY PLAN							
Section	Hole Size (in.)	MD	TVD	Csg OD (in)	Csg WT (ppf)	Grade	Conn.	Section	Hole Size (in.)	MD	TVD	Csg OD (in)	Csg WT (ppf)	Grade	Conn.
Surface	17.5	496	496	13.375	54.5	J-55	BTC	Surface	17.5	499	499	13.375	54.5	J-55	BTC
Int	12.25	4214	4214	9.625	40	L-80 HC	BTC	Int	12.25	4217	4217	10.75	45.5	L-80 HC	BTC-SC
Int2	8.75	8048	7906	7.625	26.4	L-80 HC	WEDGE 425	Int2	9.875	11866	11457	7.625	26.4	L-80 HC	BTC
Prod	6.75	19476	8724	5.5	20	P-110	WEDGE 461	Prod	6.75	22136	11457	5.5	20	P-110	SPRINT-SF
Liner								Liner							

CEMENT PROGRAM

APD BASE LINE										SUNDRY PLAN									
Section/Stage	Slurry	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess	TOC	Placement	Description		Section/Stage	Slurry	Sacks	Yield (ft^3/ft)	Density (lb/gal)	Excess	TOC	Placement	Description	
Surf	SURFACE - TAIL	518	1.33	14.8	100%	0	CIRCULATE	CLASS C+ ACCEL.		Surf	SURFACE - TAIL	521	1.33	14.8	100%	0	CIRCULATE	CLASS C+ ACCEL.	
Int/1	INTERMEDIATE - TAIL	141	1.33	14.8	20%	3,714	CIRCULATE	CLASS C+ ACCEL.		Int	INTERMEDIATE - TAIL	85	1.33	14.8	20%	3,717	CIRCULATE	CLASS C+ ACCEL.	
Int/2	INTERMEDIATE - LEAD	978	1.73	12.9	50%	0	CIRCULATE	CLASS POZZ + RET.		Int	INTERMEDIATE - LEAD	594	1.73	12.9	50%	0	CIRCULATE	CLASS POZZ + RET.	
Int2	INTERMEDIATE 1S - TAIL	179	1.68	13.2	5%	6,714	CIRCULATE	CLASS C + RET., DISPER.		Int2	INTERMEDIATE 1S - TAIL	699	1.68	13.2	5%	6,662	CIRCULATE	CLASS C + RET., DISPER.	
Int2	INTERMEDIATE 2S - TAIL BH	424	1.71	13.3	25%	3,714	BRADENHEAD POST-FRAC	CLASS C + ACCEL.		Int2	INTERMEDIATE 2S - TAIL BH	449	1.71	13.3	25%	3,717	BRADENHEAD POST-FRAC	CLASS C + ACCEL.	
Prod	PRODUCTION - TAIL	676	1.84	13.3	25%	7,548	CIRCULATE	CLASS C + RET.		Prod	PRODUCTION - TAIL	610	1.84	13.3	25%	11,366	CIRCULATE	CLASS C + RET.	

VARIANCES

APD BASE LINE		SUNDRY PLAN	
BOP Break Tesing Variance	Y	BOP Break Tesing Variance	Y
5M Annular BOP Variance	Y	5M Annular BOP Variance	Y
Bradenhead CBL Variance	Y	Bradenhead CBL Variance	Y
Offline Cementing Variance	Y	Offline Cementing Variance	Y
Production Annular Clearance Variance		Production Annular Clearance Variance	
Flexible Choke Line Variance		Flexible Choke Line Variance	
(Pilot Hole, Logs etc.)		(Pilot Hole, Logs etc.)	

Note- Only fill out what item is changing. The other cells can be left blank.

VERSION DATE 8/30/2024

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals, & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024
PAGE 1 OF 2

Submittal Type: [X] Initial Submittal [ ] Amended Report [ ] As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-56301	33740	INGLE WELLS; BONE SPRING

Property Code	Property Name	Well Number
321632	IRIDIUM MDP1 28_21 FED COM	75H

OGRID No.	Operator Name	Ground Level Elevation
16696	OXY USA INC.	3377'

Surface Owner: [ ] State [ ] Fee [ ] Tribal [✓] Federal
Mineral Owner: [ ] State [ ] Fee [ ] Tribal [✓] Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
N	28	23S	31E		609' FSL	1964' FWL	32.26985521	-103.78493917	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
C	21	23S	31E		20' FNL	2310' FWL	32.29716500	-103.78385512	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
640.00	INFILL	30-015-45243		

Order Numbers:
Well setbacks are under Common Ownership: [ ] Yes [ ] No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
C	33	23S	31E		300' FNL	2310' FWL	32.26735614	-103.78381625	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
N	28	23S	31E		100' FSL	2310' FWL	32.26845566	-103.78381765	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County
C	21	23S	31E		100' FNL	2310' FWL	32.29694510	-103.78385483	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type: [X] Horizontal [ ] Vertical	Ground Floor Elevation
		3377'

OPERATOR CERTIFICATIONS

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

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Sara Guthrie — Signature
3/6/2025 — Date

Sara Guthrie — Printed Name

sara_guthrie@oxy.com — Email Address

SURVEYOR CERTIFICATIONS

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

LLOYD P. SHORT NEW MEXICO 21653 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
21653	JANUARY 21, 2025

Notice of allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

IRIDIUM MDP1 28_21 FED COM 75H

BHL (NAD83)
X:711118.66' / Y:472276.21'
LAT:32.29716500 / LON:-103.78385512

BHL (NAD27)
X:669935.40' / Y:472216.64'
LAT:32.29704212 / LON:-103.78336850

LTP (NAD83)
X:711119.16' / Y:472196.21'
LAT:32.29694510 / LON:-103.78385483

LTP (NAD27)
X:669935.90' / Y:472136.64'
LAT:32.29682222 / LON:-103.78336822

PPP-2 (NAD83)
X:711151.46' / Y:467012.23'
LAT:32.28269517 / LON:-103.78383625

PPP-2 (NAD27)
X:669968.05' / Y:466952.80'
LAT:32.28257221 / LON:-103.78335021

FTP (NAD83)
X:711183.74' / Y:461832.05'
LAT:32.26845566 / LON:-103.78381765

FTP (NAD27)
X:670000.18' / Y:461772.75'
LAT:32.26833261 / LON:-103.78333218

PPP-1 (NAD83)
X:711184.36' / Y:461732.05'
LAT:32.26818077 / LON:-103.78381730

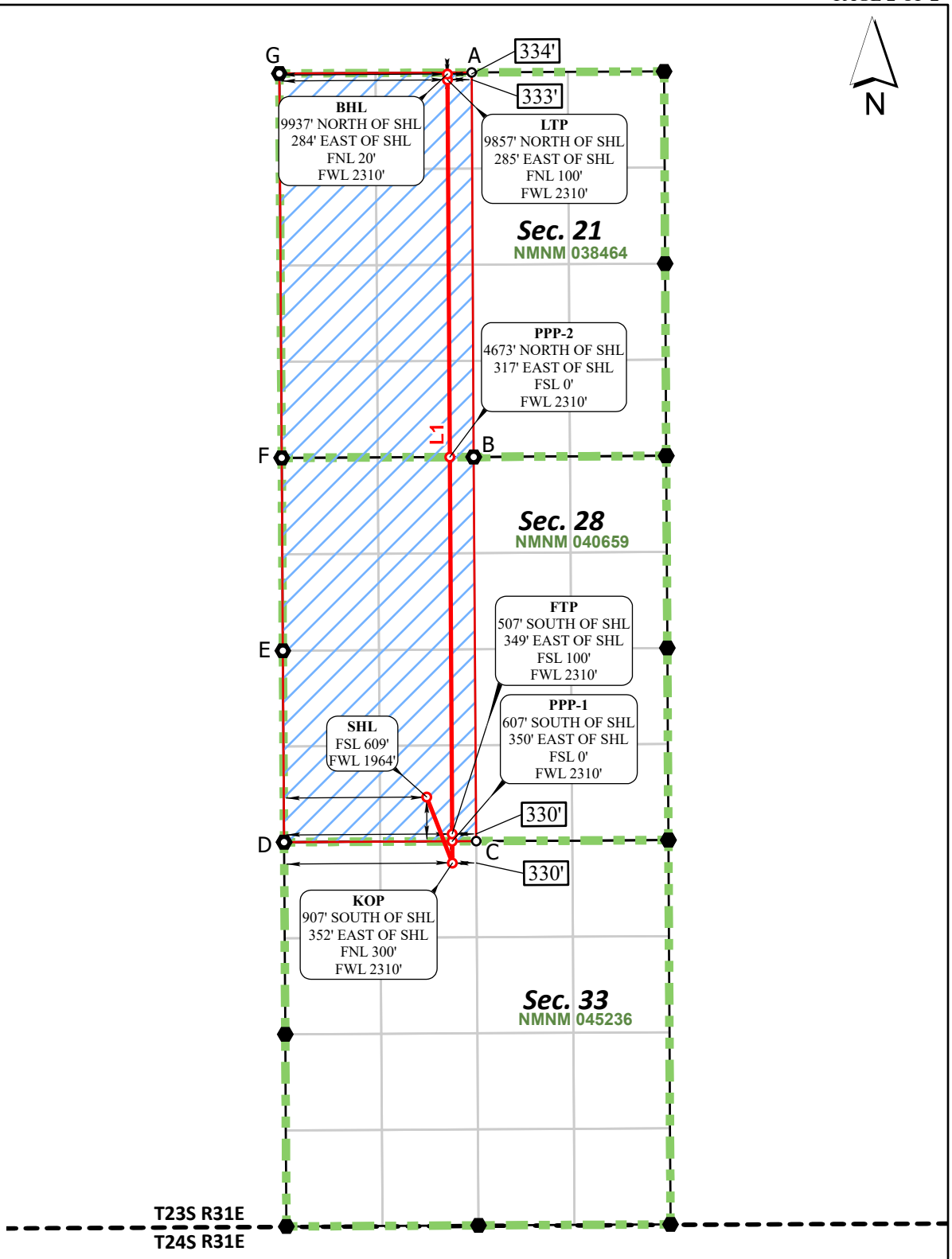
PPP-1 (NAD27)
X:670000.79' / Y:461672.75'
LAT:32.26805772 / LON:-103.78333184

KOP (NAD83)
X:711186.22' / Y:461432.06'
LAT:32.26735614 / LON:-103.78381625

KOP (NAD27)
X:670002.65' / Y:461372.77'
LAT:32.26723309 / LON:-103.78333082

SHL (NAD83)
X:710834.49' / Y:462339.42'
LAT:32.26985521 / LON:-103.78493917

SHL (NAD27)
X:669650.94' / Y:462280.11'
LAT:32.26973217 / LON:-103.78445362



CORNER COORDINATES NAD 83, SPCS NM EAST	CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 711452.07' / Y:472298.01'	A - X: 670268.82' / Y:472238.44'
B - X: 711479.57' / Y:467013.75'	B - X: 670296.16' / Y:466954.31'
C - X: 711514.68' / Y:461733.82'	C - X: 670331.11' / Y:461674.53'
D - X: 708874.42' / Y:461719.64'	D - X: 667690.86' / Y:461660.34'
E - X: 708857.29' / Y:464350.28'	E - X: 667673.80' / Y:464290.92'
F - X: 708841.97' / Y:467001.52'	F - X: 667658.56' / Y:466942.09'
G - X: 708808.56' / Y:472283.76'	G - X: 667625.31' / Y:472224.19'

*FTP TO LTP LINE BEARINGS

LINE	BEARING
L1	N 00°21'25" W ~ 10364.36'

*FTP TO LTP LEASE DISTANCES

TRACT	DISTANCE
NMNM 040659	5180.28'
NMNM 038464	5184.08'
TOTAL	10364.36'

Drill Line Events | Section Corners | Drill Line | Dimension Lines | Federal Leases | HSU | HSU Corners

JOB No. OXY_0003_IS01_14397
REV 0 NDS 1/17/2025

All bearings and coordinates refer to New Mexico State Plane Coordinate System, East Zone, U.S. Survey Feet.

Distances/areas relative to NAD 83 grid measurements. Combined Scale Factor: 0.99977581 and a Convergence Angle: 0.27195833°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:
OXY USA INC P.O. Box 4294 Houston, TX 772104294	16696
	Action Number: 446113
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/19/2025