Received by OCD: 6/13/2024 10:12:33 AM

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/13/2024

Well Name: POKER LAKE UNIT 22 DTD

Well Location: T24S / R30E / SEC 22 / NWNW / 32.207732 / -103.875442

County or Parish/State: EDDY / NM

Well Number: 122H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC068905

Unit or CA Name:

Unit or CA Number:

US Well Number: 300154986400X1

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2790249

Type of Submission: Notice of Intent

Type of Action: Drilling Operations

Date Sundry Submitted: 05/14/2024

Time Sundry Submitted: 01:22

Date proposed operation will begin: 05/07/2024

Procedure Description: Dillon Wilson, Drilling Engineer for XTO Permian Operating, received verbal approval from Keith Immatty, Engineer with BLM-Carlsbad to perform a low side open hole sidetrack on this well. While drilling the production lateral at 23103' MD, the BHA twisted off. A cleanout assembly was run prior to an unsuccessful 30+ hour fishing attempt. The fishing assembly lost the guide and grapple at the fish which greatly lowered the success on a second fishing attempt. A mill run has been made to ensure the hole is clean all the way to the fish location. All sidetrack operations will occur in the Wolfcamp E. ATTACHMENTS: Well Summary, wellbore schematics, directional plan and a copy of verbal approval email

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Email_Approval_from_BLM__20240514132135.pdf

PLU_22_DTD_122H_Directional_Plan_Sidetrack_5_9_2024_20240514132120.pdf

ST01_WBD_PLU_22_DTD_122H_20240514132102.pdf

Original_WBD_PLU_22_DTD_122H_20240514132036.pdf

POKER_LAKE_UNIT_22_DTD_122H_well_summary_20240514132005.pdf

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Well Name: POKER LAKE UNIT 22 DTD

Well Location: T24S / R30E / SEC 22 / NWNW / 32.207732 / -103.875442

County or Parish/State: EDDY / NM

Well Number: 122H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC068905

Unit or CA Name:

Unit or CA Number:

US Well Number: 300154986400X1

Operator: XTO PERMIAN OPERATING LLC

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: RANELL (RUSTY) KLEIN

Signed on: MAY 14, 2024 01:21 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 620-6700

Email address: RANELL.KLEIN@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

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

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Accepted

Disposition Date: 06/12/2024

Signature: Keith Immatty

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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

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Additional Information

Location of Well

0. SHL: NWNW / 1011 FNL / 664 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.207732 / LONG: -103.875442 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 2635 FSL / 1697 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.217791 / LONG: -103.872084 (TVD: 11328 feet, MD: 14425 feet)

PPP: SESW / 0 FNL / 1686 FWL / TWSP: 24S / RANGE: 30E / SECTION: 10 / LAT: 32.225035 / LONG: -103.872079 (TVD: 11328 feet, MD: 17065 feet)

PPP: SWSE / 0 FSL / 1700 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210532 / LONG: -103.87209 (TVD: 11328 feet, MD: 11785 feet)

BHL: LOT 3 / 230 FNL / 1700 FWL / TWSP: 24S / RANGE: 30E / SECTION: 3 / LAT: 32.253441 / LONG: -103.872059 (TVD: 11328 feet, MD: 27325 feet)

From: Immatty, Keith P <kimmatty@blm.gov>
Sent: Monday, May 6, 2024 6:02 PM
To: Wilson, Dillon T <dillon.t.wilson@exxonmobil.com>; Morency, Allison E <amorency@blm.gov>
Subject: RE: [EXTERNAL] FW: Request Approval to Open-Hole Sidetrack PLU 22 DTD 122H (API 30-015-49864)

External Email - Think Before You Click

Reviewed and is OK as proposed.

Please have your regulatory team submit an "NOI - Drilling Operations" sundry within three days, with the same attachments and a copy of this approval on AFMSS.

Regards,

Keith Immatty

From: Wilson, Dillon T <dillon.t.wilson@exxonmobil.com>
Sent: Monday, May 6, 2024 4:56 PM
To: Immatty, Keith P <kimmatty@blm.gov>
Subject: [EXTERNAL] FW: Request Approval to Open-Hole Sidetrack PLU 22 DTD 122H (API 30-015-49864)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

FYI, please see the below email and attached WBD schematics.

Thanks,
Dillon Wilson
Drilling Engineer – Delaware Basin

ExxonMobil – XTO Energy Permian
6401 Holiday Hill Rd. Midland, TX 79707, Building 5
Work Cell: +1 432 766 1154
Mobile: +1 985 400 4499
Email: dillon.t.wilson@exxonmobil.com

From: Wilson, Dillon T
Sent: Monday, May 6, 2024 10:47 AM
To: 'amorency@blm.gov' <amorency@blm.gov>
Cc: Lupold, Nathan A <nathan.a.lupold@exxonmobil.com>; Olson, Tanner E <tanner.e.olson@exxonmobil.com>; Klein, Ranell /C <ranell.klein@exxonmobil.com>; HP552 /SM <HP552@exxonmobil.com>
Subject: Request Approval to Open-Hole Sidetrack PLU 22 DTD 122H (API 30-015-49864)

Allison,

As discussed over the phone, XTO is requesting permission to perform a low side open hole sidetrack on PLU 22 DTD 122H (API 30-015-49864). While drilling the production lateral at 23,103' MD, we experienced a twist off on the BHA. A cleanout assembly was run prior to our unsuccessful ~30hr fishing attempt. The fishing assembly lost the guide and grapple at the fish, greatly lowering the chance of success on a second fishing attempt. A mill run has been made to ensure the hole is clean all the way to the fish location. All sidetrack operations will occur in the Wolfcamp E. Please see attached for Wellbore Schematics and side track well plan.

Current Well Status:

- 9-5/8" Intermediate casing: 11,355' MD
  - Cemented to surface
- 9-5/8" Intermediate Shoe FIT: 14.0ppg EMW
- Current Well Depth: 23,103' MD
- Top of fish: 23,072' MD
- Length of Fish: 31'

Plan Forward:

1. RIH with sidetrack assembly
2. Orient and begin troughing sequence as per procedure
3. Begin time drilling sequence as per procedure
4. Drill remaining lateral with sidetrack assembly following the attached well plan

We believe this to be the most prudent operation that protects the field zone intervals and onsite personnel.

Please reply to this email as verbal approval from BLM to proceed with proposed operations.

Regards,
Dillon Wilson
Drilling Engineer – Delaware Basin

ExxonMobil – XTO Energy Permian
6401 Holiday Hill Rd. Midland, TX 79707, Building 5
Work Cell: +1 432 766 1154
Mobile: +1 985 400 4499
Email: dillon.t.wilson@exxonmobil.com

ROC

PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME) (HP552) - PLU 22 DTD, Pad A - PLANS
PLU 22 DTD 122H

ST01

Plan: Plan 1

Standard Planning Report

02 May, 2024

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well PLU 22 DTD 122H
Company:	ROC	**TVD Reference:**	RKB30' @ 3436.0usft (HP552)
Project:	PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME)	**MD Reference:**	RKB30' @ 3436.0usft (HP552)
Site:	(HP552) - PLU 22 DTD, Pad A - PLANS	**North Reference:**	Grid
Well:	PLU 22 DTD 122H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1		

Project PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME), ROCPOD3

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

Site (HP552) - PLU 22 DTD, Pad A - PLANS

Site Position:		**Northing:**	439,548.70 usft	**Latitude:**	32° 12' 27.382 N
From:	Map	**Easting:**	641,714.20 usft	**Longitude:**	103° 52' 30.539 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "		

Well PLU 22 DTD 122H

Well Position	**+N/-S**	0.0 usft	**Northing:**	439,549.40 usft	**Latitude:**	32° 12' 27.387 N
	+E/-W	0.0 usft	**Easting:**	641,774.20 usft	**Longitude:**	103° 52' 29.840 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,406.0 usft
Grid Convergence:		0.24 °				

Wellbore ST01

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/1/2024	6.35	59.74	47,154.06052018

Design Plan 1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	22,690.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.79

Plan Survey Tool Program **Date** 5/2/2024

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	22,690.0	28,781.8	Plan 1 (ST01)	XOMR2_OWSG MWD+IFR1+ OWSG MWD + IFR1 + Multi-St	

ExxonMobil
Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well PLU 22 DTD 122H
Company:	ROC	**TVD Reference:**	RKB30' @ 3436.0usft (HP552)
Project:	PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME)	**MD Reference:**	RKB30' @ 3436.0usft (HP552)
Site:	(HP552) - PLU 22 DTD, Pad A - PLANS	**North Reference:**	Grid
Well:	PLU 22 DTD 122H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1		

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
22,690.0	89.23	359.58	12,133.0	10,543.1	987.0	0.00	0.00	0.00	0.00	
22,700.0	88.46	359.37	12,133.2	10,553.1	986.9	8.00	-7.73	-2.07	-165.00	
22,710.0	87.68	359.16	12,133.5	10,563.1	986.7	8.00	-7.73	-2.07	-165.00	
22,718.0	87.08	358.94	12,133.9	10,571.1	986.6	8.00	-7.52	-2.74	-160.00	
22,723.0	86.72	358.77	12,134.1	10,576.1	986.5	8.00	-7.25	-3.39	-155.00	
22,738.0	85.68	358.17	12,135.1	10,591.0	986.1	8.00	-6.93	-4.01	-150.00	
23,038.0	91.00	355.00	12,143.8	10,890.2	968.2	2.06	1.77	-1.06	-30.86	
23,387.9	91.00	2.00	12,137.7	11,239.8	959.1	2.00	0.00	2.00	89.94	
23,617.9	91.00	2.00	12,133.7	11,469.6	967.1	0.00	0.00	0.00	0.00	
23,804.8	90.00	5.60	12,132.1	11,656.0	979.5	2.00	-0.54	1.93	105.50	
24,095.3	90.00	359.79	12,132.1	11,946.1	993.2	2.00	0.00	-2.00	-89.99	
28,681.8	90.00	359.79	12,132.0	16,532.5	976.2	0.00	0.00	0.00	0.00	LTP PLU 22 DTD 122
28,781.8	90.00	359.79	12,132.0	16,632.5	975.8	0.00	0.00	0.00	0.00	BHL PLU 22 DTD 122

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ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well PLU 22 DTD 122H
Company:	ROC	**TVD Reference:**	RKB30' @ 3436.0usft (HP552)
Project:	PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME)	**MD Reference:**	RKB30' @ 3436.0usft (HP552)
Site:	(HP552) - PLU 22 DTD, Pad A - PLANS	**North Reference:**	Grid
Well:	PLU 22 DTD 122H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
22,690.0	89.23	359.58	12,133.0	10,543.1	987.0	10,539.4	0.00	0.00	0.00
22,700.0	88.46	359.37	12,133.2	10,553.1	986.9	10,549.4	8.00	-7.73	-2.07
22,710.0	87.68	359.16	12,133.5	10,563.1	986.7	10,559.4	8.00	-7.73	-2.07
22,718.0	87.08	358.94	12,133.9	10,571.1	986.6	10,567.4	8.00	-7.52	-2.74
22,723.0	86.72	358.77	12,134.1	10,576.1	986.5	10,572.4	8.00	-7.25	-3.39
22,738.0	85.68	358.17	12,135.1	10,591.0	986.1	10,587.3	8.00	-6.93	-4.01
22,800.0	86.78	357.51	12,139.2	10,652.9	983.8	10,649.2	2.06	1.77	-1.06
22,900.0	88.55	356.46	12,143.3	10,752.6	978.5	10,749.0	2.06	1.77	-1.06
23,000.0	90.33	355.40	12,144.3	10,852.4	971.4	10,848.7	2.06	1.77	-1.06
23,038.0	91.00	355.00	12,143.8	10,890.2	968.2	10,886.6	2.06	1.77	-1.06
23,100.0	91.00	356.24	12,142.7	10,952.0	963.5	10,948.4	2.00	0.00	2.00
23,200.0	91.00	358.24	12,141.0	11,051.9	958.7	11,048.3	2.00	0.00	2.00
23,300.0	91.00	0.24	12,139.2	11,151.9	957.4	11,148.3	2.00	0.00	2.00
23,387.9	91.00	2.00	12,137.7	11,239.8	959.1	11,236.2	2.00	0.00	2.00
23,400.0	91.00	2.00	12,137.5	11,251.8	959.5	11,248.2	0.00	0.00	0.00
23,500.0	91.00	2.00	12,135.7	11,351.7	963.0	11,348.1	0.00	0.00	0.00
23,600.0	91.00	2.00	12,134.0	11,451.7	966.5	11,448.1	0.00	0.00	0.00
23,617.9	91.00	2.00	12,133.7	11,469.6	967.1	11,466.0	0.00	0.00	0.00
23,700.0	90.56	3.58	12,132.6	11,551.6	971.1	11,547.9	2.00	-0.54	1.93
23,800.0	90.03	5.51	12,132.1	11,651.2	979.0	11,647.6	2.00	-0.54	1.93
23,804.8	90.00	5.60	12,132.1	11,656.0	979.5	11,652.3	2.00	-0.54	1.93
23,900.0	90.00	3.70	12,132.1	11,750.9	987.2	11,747.2	2.00	0.00	-2.00
24,000.0	90.00	1.70	12,132.1	11,850.8	991.9	11,847.1	2.00	0.00	-2.00
24,095.3	90.00	359.79	12,132.1	11,946.1	993.2	11,942.4	2.00	0.00	-2.00
24,100.0	90.00	359.79	12,132.1	11,950.8	993.1	11,947.0	0.00	0.00	0.00
24,200.0	90.00	359.79	12,132.1	12,050.8	992.8	12,047.0	0.00	0.00	0.00
24,300.0	90.00	359.79	12,132.1	12,150.8	992.4	12,147.0	0.00	0.00	0.00
24,400.0	90.00	359.79	12,132.1	12,250.8	992.0	12,247.0	0.00	0.00	0.00
24,500.0	90.00	359.79	12,132.1	12,350.8	991.7	12,347.0	0.00	0.00	0.00
24,600.0	90.00	359.79	12,132.1	12,450.8	991.3	12,447.0	0.00	0.00	0.00
24,700.0	90.00	359.79	12,132.1	12,550.8	990.9	12,547.0	0.00	0.00	0.00
24,800.0	90.00	359.79	12,132.0	12,650.8	990.5	12,647.0	0.00	0.00	0.00
24,900.0	90.00	359.79	12,132.0	12,750.8	990.2	12,747.0	0.00	0.00	0.00
25,000.0	90.00	359.79	12,132.0	12,850.8	989.8	12,847.0	0.00	0.00	0.00
25,100.0	90.00	359.79	12,132.0	12,950.8	989.4	12,947.0	0.00	0.00	0.00
25,200.0	90.00	359.79	12,132.0	13,050.8	989.1	13,047.0	0.00	0.00	0.00
25,300.0	90.00	359.79	12,132.0	13,150.8	988.7	13,147.0	0.00	0.00	0.00
25,400.0	90.00	359.79	12,132.0	13,250.8	988.3	13,247.0	0.00	0.00	0.00
25,500.0	90.00	359.79	12,132.0	13,350.8	988.0	13,347.0	0.00	0.00	0.00
25,600.0	90.00	359.79	12,132.0	13,450.8	987.6	13,447.0	0.00	0.00	0.00
25,700.0	90.00	359.79	12,132.0	13,550.8	987.2	13,547.0	0.00	0.00	0.00
25,800.0	90.00	359.79	12,132.0	13,650.8	986.9	13,647.0	0.00	0.00	0.00
25,900.0	90.00	359.79	12,132.0	13,750.8	986.5	13,747.0	0.00	0.00	0.00
26,000.0	90.00	359.79	12,132.0	13,850.7	986.1	13,847.0	0.00	0.00	0.00
26,100.0	90.00	359.79	12,132.0	13,950.7	985.7	13,947.0	0.00	0.00	0.00
26,200.0	90.00	359.79	12,132.0	14,050.7	985.4	14,047.0	0.00	0.00	0.00
26,300.0	90.00	359.79	12,132.0	14,150.7	985.0	14,147.0	0.00	0.00	0.00
26,400.0	90.00	359.79	12,132.0	14,250.7	984.6	14,247.0	0.00	0.00	0.00
26,500.0	90.00	359.79	12,132.0	14,350.7	984.3	14,347.0	0.00	0.00	0.00
26,600.0	90.00	359.79	12,132.0	14,450.7	983.9	14,447.0	0.00	0.00	0.00
26,700.0	90.00	359.79	12,132.0	14,550.7	983.5	14,547.0	0.00	0.00	0.00
26,800.0	90.00	359.79	12,132.0	14,650.7	983.2	14,647.0	0.00	0.00	0.00
26,900.0	90.00	359.79	12,132.0	14,750.7	982.8	14,747.0	0.00	0.00	0.00

ExxonMobil
Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well PLU 22 DTD 122H
Company:	ROC	**TVD Reference:**	RKB30' @ 3436.0usft (HP552)
Project:	PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME)	**MD Reference:**	RKB30' @ 3436.0usft (HP552)
Site:	(HP552) - PLU 22 DTD, Pad A - PLANS	**North Reference:**	Grid
Well:	PLU 22 DTD 122H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
27,000.0	90.00	359.79	12,132.0	14,850.7	982.4	14,847.0	0.00	0.00	0.00
27,100.0	90.00	359.79	12,132.0	14,950.7	982.0	14,947.0	0.00	0.00	0.00
27,200.0	90.00	359.79	12,132.0	15,050.7	981.7	15,047.0	0.00	0.00	0.00
27,300.0	90.00	359.79	12,132.0	15,150.7	981.3	15,147.0	0.00	0.00	0.00
27,400.0	90.00	359.79	12,132.0	15,250.7	980.9	15,247.0	0.00	0.00	0.00
27,500.0	90.00	359.79	12,132.0	15,350.7	980.6	15,347.0	0.00	0.00	0.00
27,600.0	90.00	359.79	12,132.0	15,450.7	980.2	15,447.0	0.00	0.00	0.00
27,700.0	90.00	359.79	12,132.0	15,550.7	979.8	15,547.0	0.00	0.00	0.00
27,800.0	90.00	359.79	12,132.0	15,650.7	979.5	15,647.0	0.00	0.00	0.00
27,900.0	90.00	359.79	12,132.0	15,750.7	979.1	15,747.0	0.00	0.00	0.00
28,000.0	90.00	359.79	12,132.0	15,850.7	978.7	15,847.0	0.00	0.00	0.00
28,100.0	90.00	359.79	12,132.0	15,950.7	978.4	15,947.0	0.00	0.00	0.00
28,200.0	90.00	359.79	12,132.0	16,050.7	978.0	16,047.0	0.00	0.00	0.00
28,300.0	90.00	359.79	12,132.0	16,150.7	977.6	16,147.0	0.00	0.00	0.00
28,400.0	90.00	359.79	12,132.0	16,250.7	977.2	16,247.0	0.00	0.00	0.00
28,500.0	90.00	359.79	12,132.0	16,350.7	976.9	16,347.0	0.00	0.00	0.00
28,600.0	90.00	359.79	12,132.0	16,450.7	976.5	16,447.0	0.00	0.00	0.00
28,681.8	90.00	359.79	12,132.0	16,532.5	976.2	16,528.8	0.00	0.00	0.00
28,700.0	90.00	359.79	12,132.0	16,550.7	976.1	16,547.0	0.00	0.00	0.00
28,781.8	90.00	359.79	12,132.0	16,632.5	975.8	16,628.8	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP PLU 22 DTD 122H - plan hits target center - Point	0.00	0.00	12,132.0	16,532.5	976.2	456,081.90	642,750.40	32° 15' 10.952 N	103° 52' 17.651 W
BHL PLU 22 DTD 122H - plan misses target center by 0.2usft at 28781.8usft MD (12132.0 TVD, 16632.5 N, 975.8 E) - Point	0.00	0.00	12,132.0	16,632.5	975.6	456,181.90	642,749.80	32° 15' 11.942 N	103° 52' 17.653 W

Released to Imaging: 5/9/2025 3:28:58 PM

ExxonMobil
Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well PLU 22 DTD 122H
Company:	ROC	**TVD Reference:**	RKB30' @ 3436.0usft (HP552)
Project:	PLU 22 DTD - X12/34/HP552/502/463 - Eddy (N27 NME)	**MD Reference:**	RKB30' @ 3436.0usft (HP552)
Site:	(HP552) - PLU 22 DTD, Pad A - PLANS	**North Reference:**	Grid
Well:	PLU 22 DTD 122H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
677.0	677.0	Rustler			
1,083.0	1,083.0	Salado			
3,785.0	3,704.0	Base of Salt			
4,050.0	3,959.0	Delaware			
4,955.4	4,836.0	Cherry Canyon			
6,272.4	6,135.0	Brushy Canyon			
7,613.4	7,475.0	Basal Brushy Canyon			
7,934.6	7,796.0	Bone Spring Lm.			
8,049.7	7,911.0	Avalon Shale			
8,505.8	8,367.0	Lower Avalon Shale			
8,729.8	8,591.0	1st Bone Spring Lime			
8,862.8	8,724.0	1st Bone Spring Sand			
9,249.9	9,111.0	2nd Bone Spring Lime			
9,713.9	9,575.0	2nd Bone Spring Sand			
9,769.9	9,631.0	2nd Bone Spring A Sand			
9,830.9	9,692.0	2nd Bone Spring T/B Carb			
9,942.9	9,804.0	2nd Bone Spring C Sand			
10,008.0	9,869.0	3rd Bone Spring Lime			
10,377.1	10,238.0	3rd Bone Spring Shale			
10,793.3	10,654.0	3rd Bone Spring Sand			
11,163.5	11,024.0	Wolfcamp			
11,204.5	11,065.0	Wolfcamp X			
11,285.6	11,146.0	Wolfcamp Y			
11,338.6	11,199.0	Wolfcamp A			
11,490.6	11,351.0	Wolfcamp A Lower			
11,769.8	11,617.0	Wolfcamp B			
12,112.1	11,853.0	Wolfcamp C			
12,364.9	11,980.0	Wolfcamp D/E			
12,736.6	12,080.0	Landing			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
22,690.0	12,133.0	10,543.1	987.0	Tie In
22,700.0	12,133.2	10,553.1	986.9	Timed Drill Toolface 165L, 8° DLS
22,710.0	12,133.5	10,563.1	986.7	Timed Drill Toolface 165L, 8° DLS
22,718.0	12,133.9	10,571.1	986.6	Timed Drill Toolface 160L, 8° DLS
22,723.0	12,134.1	10,576.1	986.5	Timed Drill Toolface 155L, 8° DLS
22,738.0	12,135.1	10,591.0	986.1	Timed Drill Toolface 150L, 8° DLS
23,038.0	12,143.8	10,890.2	968.2	Begin 2°/100 Turn
23,387.9	12,137.7	11,239.8	959.1	Hold 91° Inc at 2° Azm
23,617.9	12,133.7	11,469.6	967.1	Begin 2°/100 Turn
23,804.8	12,132.1	11,656.0	979.5	Hold 90° Inc, Begin 2°/100 Turn
24,095.3	12,132.1	11,946.1	993.2	Hold 359.79° Azm
28,681.8	12,132.0	16,532.5	976.2	LTP
28,781.8	12,132.0	16,632.5	975.8	TD at 28781.8

PLU 22 Dog Town Draw 122H

Wolfcamp E 3-Mile Lateral

County:	Eddy	**AFE #**	**DD.2021.04904**
SHL:	Sec 22, Township 24S, Range 30E 1,011ft from North line, 664ft from West line	**XTO ID #**	**2200611001**
		API #	**30-015-49864**
BHL:	Sec 3, Township 24S, Range 30E 230ft from North line, 1,700ft from West line	**Permit**	**BLM 2761874**
		Elevation	**3,406', KB 33' above GL**
Area:	Poker Lake Unit - Dog Town Draw	**Rig:**	**H&P 552**

TVD	Geology	Casing & Cement	Wellhead	Hole Size	General Notes
		20" Conductor @ 90' GL	**10k** **(Tech Data Sheet)**		
		Lead 1260 sx 14.8 ppg Class C Top of Lead @ 0'		17.5" Surface	
		13-3/8" 68# L-80 BTC	**985' MD**		
				12.25" Int.	NU BOP and notify BLM prior to BOP test Required to conduct full BOP test for intermediate **RU H_2S package** CIT to 1500psi **FIT to 14.0 ppg EMW** Drill out with 8.5ppg BDE
		Squeeze 1800 sx 14.8 ppg Class C Top of Squeeze @ 0'			
		Primary 1955 sx 15.6 ppg Class H Top of Tail @ 6276' MD'			
					Casing XO (P110 x L80) at 4,000' MD
11,026'	Wolfcamp				
11,067'	Wolfcamp X				
11,217'	Shoe TVD	**9-5/8" 40# P-110 HC BTC 0 - 4000** **9-5/8" 40# L-80 HC BTC 4000 - 11355**	**11,355' MD**		
11201	Wolfcamp A			8.75" Curve	NU BOP and notify BLM prior to BOP test Required to conduct full BOP test for production CIT to 2470psi **FIT to 15.0 ppg EMW**
11,366'	**KOP (TVD)**		*KOP* *11,505' MD*		
11,619'	Wolfcamp B				
					Fish located at 23,072' MD
			Curve 8°/100'	8.5" Lateral	
11,982'	**Wolfcamp D/E**		*EOC* *12,630' MD*	**23,103' MD**	
12,082'	**TVD @ LP**			**12,130' TVD**	
					ST01 @ 22,690' MD
					TD @ 28,739.5' MD

PLU 22 Dog Town Draw 122H

Wolfcamp E 3-Mile Lateral

County:	Eddy	**AFE #**	**DD.2021.04904**
SHL:	Sec 22, Township 24S, Range 30E 1,011ft from North line, 664ft from West line	**XTO ID #**	**2200611001**
		API #	**30-015-49864**
BHL:	Sec 3, Township 24S, Range 30E 230ft from North line, 1,700ft from West line	**Permit**	**BLM 2761874**
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TVD	Geology	Casing & Cement	Wellhead	Hole Size	General Notes
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		13-3/8" 68# L-80 BTC	**985' MD**		
				12.25" Int.	NU BOP and notify BLM prior to BOP test Required to conduct full BOP test for intermediate **RU H_2S package** CIT to 1500psi **FIT to 14.0 ppg EMW** Drill out with 8.5ppg BDE
		Squeeze 1800 sx 14.8 ppg Class C Top of Squeeze @ 0'			
		Primary 1955 sx 15.6 ppg Class H Top of Tail @ 6276' MD'			
					Casing XO (P110 x L80) at 4,000' MD
11,026'	Wolfcamp				
11,067'	Wolfcamp X				
11,217'	Shoe TVD	**9-5/8" 40# P-110 HC BTC 0' - 4000'** **9-5/8" 40# L-80 HC BTC 4000' - 11355'**	**11,355' MD**		
				8.75" Curve	NU BOP and notify BLM prior to BOP test Required to conduct full BOP test for production CIT to 2470psi **FIT to 15.0 ppg EMW**
11201	Wolfcamp A		*KOP* *11,505' MD*		
11,366'	**KOP (TVD)**				
11,619'	Wolfcamp B				
			Curve 8°/100'	8.5" Lateral	
11,982'	**Wolfcamp D/E**		*EOC* *12,630' MD*	**23,103' MD**	
12,082'	**TVD @ LP**			**12,130' TVD**	

POKER LAKE UNIT 22 DTD 122H
30-015-49864

WELL SUMMARY

Dillon Wilson, Drilling Engineer for XTO Permian Operating, received verbal approval from Keith Immaty, Engineer with BLM-Carlsbad to perform a low side open hole sidetrack on this well. While drilling the production lateral at 23103' MD, the BHA twisted off. A cleanout assembly was run prior to the unsuccessful 30+ hour fishing attempt. The fishing assembly lost the guide and grapple at the fish, greatly lowering a chance of success on a 2nd fishing attempt. A mill run has been made to ensure the hole is clean all the way to the fish location. All sidetrack operations will occur in the Wolfcamp E. We believe that a sidetrack operation to be the most prudent operation that protects the field zone intervals and onsite personnel.

Current Well Status:

- **9-5/8" Intermediate casing: 11,355' MD**
  - **Cemented to surface**
- **9-5/8" Intermediate Shoe FIT: 14.0ppg EMW**
- **Current Well Depth: 23,103' MD**
- **Top of fish: 23,072' MD**
- **Length of Fish: 31'**

Plan Forward:

1. **RIH with sidetrack assembly**
2. **Orient and begin troughing sequence as per procedure**
3. **Begin time drilling sequence as per procedure**
4. **Drill remaining lateral with sidetrack assembly following the attached well plan**

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:
XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	373075
	Action Number: 353813
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	5/9/2025