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

Sundry Print Report

06/11/2025

Well Name: POKER LAKE UNIT 23 DTD FED STATE COM

Well Location: T24S / R30E / SEC 23 / SWNE / 32.206947 / -103.848608

County or Parish/State: EDDY / NM

Well Number: 128H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM030452

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number: NMNM71016X

US Well Number: 3001549645

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2856635

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 06/06/2025

Time Sundry Submitted: 03:48

Date proposed operation will begin: 06/06/2025

Procedure Description: Effective date 10/1/22 XTO Permian Operating LLC respectfully requests to make the following changes: Dedicated acres: f/ 1920.66 t/2080.66 Name change: f/ POKER LAKE UNIT 23 DTD FED STATE COM 128H t/ POKER LAKE UNIT 23 DTD FED COM 128H TD: f/ 27760’ MD/ 11632’ TVD t/ 27670’ MD/ 11558.4’ TVD FTP: f/ 100’ FNL 1430’ FEL t/ 603’ FNL 1430’ FEL Sec 23, 24S 30E; Lease NMNM0030452 Updated HSU Attachments: Updated C-102 on new form, drilling plan and directional survey

NOI Attachments

Procedure Description

Poker_Lake_Unit_23_DTD_128H_Post_Execution_Drilling_Template_20250606154706.pdf

PLU_23_DTD_128H_Plan_1_Standard_Plan_20250606154706.pdf

POKER_LAKE_UNIT_23_DTD_FED_COM_128H_C102_AMENDED_FINAL_05_29_2025_20250606154629.pdf

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Unit or CA Number: NMNM71016X

US Well Number: 3001549645

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: LACEY GRANILLO

Signed on: JUN 06, 2025 03:47 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD

City: MIDLAND **State:** TX

Phone: (432) 894-0057

Email address: LACEY.GRANILLO@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

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

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 06/10/2025

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. NMNM030452

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X

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

8. Well Name and No. POKER LAKE UNIT 23 DTD FED STATE COM/128H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001549645

3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,

3b. Phone No. *(include area code)* (432) 683-2277

10. Field and Pool or Exploratory Area WC-015 G-05 S233031K/WOLFCAMP

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 23/T24S/R30E/NMP

11. Country or Parish, State EDDY/NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ 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.)

Effective date 10/1/22
XTO Permian Operating LLC respectfully requests to make the following changes:
Dedicated acres: f/ 1920.66 t/2080.66
Name change: f/ POKER LAKE UNIT 23 DTD FED STATE COM 128H t/ POKER LAKE UNIT 23 DTD FED COM 128H
TD: f/ 27760 MD/ 11632 TVD t/ 27670 MD/ 11558.4 TVD
FTP: f/ 100 FNL 1430 FEL t/ 603 FNL 1430 FEL Sec 23, 24S 30E; Lease NMNM0030452
Updated HSU
Attachments: Updated C-102 on new form, drilling plan and directional survey

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* LACEY GRANILLO / Ph: (432) 894-0057

Title Regulatory Analyst

Signature (Electronic Submission)

Date 06/06/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 06/10/2025

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

Office CARLSBAD

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect 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: SWNE / 837 FNL / 1713 FEL / TWSP: 24S / RANGE: 30E / SECTION: 23 / LAT: 32.206947 / LONG: -103.848608 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 100 FSL / 770 FEL / TWSP: 24S / RANGE: 30E / SECTION: 14 / LAT: 32.210914 / LONG: -103.845457 (TVD: 11635 feet, MD: 12100 feet)

BHL: LOT 2 / 200 FNL / 1430 FEL / TWSP: 24S / RANGE: 30E / SECTION: 2 / LAT: 32.253596 / LONG: -103.845436 (TVD: 11635 feet, MD: 27581 feet)

DRILLING PLAN: BLM COMPLIANCE
(Supplement to BLM 3160-3)

ExxonMobil
Poker Lake Unit 23 DTD 128H
TD 27670 MD / 11558.4 TVD
SHL: 836' FNL & 1712' FEL , Section 23, T24S, R30E
BHL: 200' FNL & 1430' FEL , Section 2, T24S, R30E
Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth	Water/Oil/Gas
Rustler	458'	Water
Salado	839'	Water
Salt B	3887'	Water
Delaware	4084'	Water/Oil/Gas
Cherry Canyon	4997'	Water/Oil/Gas
Basal Brushy Canyon	7618'	Water/Oil/Gas
Bone Spring Lime	7897'	Water/Oil/Gas
Avalon	8000'	Water/Oil/Gas
Avalon Lwr	8480'	Water/Oil/Gas
1Bone Spring Lime	8619'	Water/Oil/Gas
1 Bone Spring	8866'	Water/Oil/Gas
2 Bone Spring Shale	9170'	Water/Oil/Gas
2 Bone Spring	9682'	Water/Oil/Gas
Harkey	10376'	Water/Oil/Gas
3 Bone Spring Shale	10412'	Water/Oil/Gas
3 Bone Spring Sand	10826'	Water/Oil/Gas
Wolfcamp	11237'	Water/Oil/Gas
Wolfcamp X	11259'	Water/Oil/Gas
Wolfcamp Y	11342'	Water/Oil/Gas
Wolfcamp A	11395'	Water/Oil/Gas

	INC °	Azimuth °	TVD (ft)	Y offset (ft)	X offset (ft)
SHL	0	0	0	439805.90	650102.10
KOP	0.26	201.04	10781.79	439818.68	650379.59
LP	89.90	356.60	11582.24	440820.89	650452.85
FTP	45.04	1.78	11296.19	440041.50	650424.08
LTP	89.04	359.04	11557.06	456095.00	650358.95
BHL	89.91	359.30	11558.30	456246.76	650356.88

3. Primary Casing Design

Primary Design:

Hole Size (in.)	MD	Casing TVD	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5"	0' – 810'	810'	13-3/8"	54.5	J55	BTC	New	1.28	4.07	25.23
12.25"	0' – 3529.4'	3529.4'	9-5/8"	40	HC P-110	BTC	New	1.8	11.76	2.94
12.25"	3529.4' - 10413'	10413'	9-5/8"	40	HC L-80	BTC	New	1.31	1.25	2.29
8.5"	0' – 27652'	27652	5-1/2"	23	P-110/P110RY	Freedom HTQ	New	1.21	2.09	1.81

Wellhead:

A multi-bowl wellhead system will be utilized.The well design chosen is: 3-String Big / Non-Potash

Wellhead will be installed by manufacturer's representatives.

Manufacturer will monitor welding process to ensure appropriate temperature of seal.

4. Cement Program

Primary Cementing

Hole Section	Slurry Type	No. Sacks	Density (ppg)	Yield (ft3/sack)	TOC (ft)	Casing Setting Depth (MD)	Excess (%)	Slurry Description
Surface 1	Lead	470	12.4	2.13	0	810'	90%	Surface 1 Class 35/65 Poz
Surface 1	Tail	320	14.8	1.35	510	810'	90%	Surface 1 Class C Tail Cement
Intermediate 1	Lead							
Intermediate 1	Tail	1630	15.6	1.18	6699	10413'	50%	Intermediate 1 Class H Tail Cement
Production 1	Lead							
Production 1	Tail	3405	13.2	1.51	9415	27650'	25%	Production 1 Class C Tail Cement

Remedial Cementing

Casing	Slurry Type	No. Sacks	Density (ppg)	Yield (ft3/sack)	Cemented Interval	Excess (%)	Slurry Description
Intermediate 1	Squeeze(Lead/Tail)	1745	14	1.74	0-6699	50%	Intermediate Class C Squeeze Cement

5. Pressure Control Equipment

Section 5 Summary:

Once the permanent WH is installed on the casing, the blow out preventer equipment (BOP) will consist of a minimum 5M Hydril and a minimum 10M triple Ram BOP.

All BOP testing will be done by an independent service company. Operator will Test as per 43CFR-3172

Requested Variances

4A) Offline Cementing Variance
XOM requests the option to offline cement and remediate (if needed) surface and intermediate casing strings where batch drilling is approved and if unplanned remediation is needed. XOM will ensure well is static with no pressure on the csg annulus, as with all other casing strings where batch drilling operations occur before moving off the rig. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence. The TA cap will also be installed when applicable per wellhead manufacturer's procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

5A) Break Test Variance
A break testing variance is requested to ONLY test broken pressure seals on the BOP equipment when moving from wellhead to wellhead for the intermediate hole sections which is in compliance with API Standard 53. The maximum anticipated surface pressure is less than 4800psi and the deepest intermediate casing point does not penetrate the Wolfcamp Formation.

5B) Flex Hose Variance
A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

8A) Open Hole Logging Variance
Open hole logging will not be done on this well.

10A) Spudder Rig Variance
XOM requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing.

10B) Batch Drilling Variance
XOM requests a variance to be able to batch drill this well. In doing so, XOM will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. XOM will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and intermediate strings are all completed, XOM will begin drilling the production hole on each of the wells.

6. Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)	Comments
0'-810'	12.25"	FW	8.4	65	NC	
810'-10413'	8.75"	Brine Water/ Water/ BDE	7.7-8.4	65-27	NC	Fluid type will be based upon on well conditions. A fully saturated system will be used across the salt interval.
10413'-27650'	6.75"	Invert/ Oil Base	8.4-12	27-96	NC - 20	

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. An EDR (Electronic Drilling Recorder) will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

A Kelly cock will be in the drill string at all times.

A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.

H2S monitors will be on location when drilling below the 9-5/8" casing.

8. Logging, Coring and Testing Program

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

The estimated bottom hole temperature of 75F to 95F. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation is possible throughout the well.

10. Anticipated Starting Date and Duration of Operations

Section 10 Summary:
Anticipated spud date will be after BLM approval. Move in operations and drilling is expected to take 40 days.

ROC

HP 552 - Eddy County, NM (NAD 27 NME)
(HP 552) PLU 23 DTD Federal Com - Plans
128H

OH

Plan: Plan 1

Standard Planning Report

18 November, 2022

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Project HP 552 - Eddy County, NM (NAD 27 NME)

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 (HP 552) PLU 23 DTD Federal Com - Plans

Site Position:		**Northing:**	439,805.90 usft	**Latitude:**	32° 12' 29.563 N
From:	Map	**Easting:**	650,102.10 usft	**Longitude:**	103° 50' 52.899 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.26 °

Well 128H

Well Position	**+N/-S**	0.0 usft	**Northing:**	439,805.90 usft	**Latitude:**	32° 12' 29.563 N
	+E/-W	0.0 usft	**Easting:**	650,102.10 usft	**Longitude:**	103° 50' 52.899 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,427.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/29/2022	6.53	59.81	47,330.40847202

Design Plan 1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	0.76

Plan Survey Tool Program **Date** 11/1/2022

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	27,769.4	Plan 1 (OH)	XOMR2_OWSG MWD+IFR1+ OWSG MWD + IFR1 + Multi-St	

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,365.9	3.32	85.60	1,365.8	0.4	4.8	2.00	2.00	0.00	85.60	
6,136.3	3.32	85.60	6,128.2	21.5	280.1	0.00	0.00	0.00	0.00	
6,302.2	0.00	0.00	6,294.0	21.9	284.8	2.00	-2.00	0.00	180.00	
10,919.0	0.00	0.00	10,910.8	21.9	284.8	0.00	0.00	0.00	0.00	
12,044.0	90.00	359.77	11,627.0	738.1	281.9	8.00	8.00	0.00	0.00	
12,244.0	90.00	359.77	11,627.0	938.1	281.1	0.00	0.00	0.00	0.00	FTP 128H
27,639.4	90.00	359.77	11,627.0	16,333.4	218.2	0.00	0.00	0.00	0.00	LTP 128H
27,769.4	90.00	359.77	11,627.0	16,463.4	217.7	0.00	0.00	0.00	0.00	BHL 128H

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	2.00	85.60	1,300.0	0.1	1.7	0.2	2.00	2.00	0.00
1,365.9	3.32	85.60	1,365.8	0.4	4.8	0.4	2.00	2.00	0.00
1,400.0	3.32	85.60	1,399.9	0.5	6.8	0.6	0.00	0.00	0.00
1,500.0	3.32	85.60	1,499.7	1.0	12.5	1.1	0.00	0.00	0.00
1,600.0	3.32	85.60	1,599.5	1.4	18.3	1.6	0.00	0.00	0.00
1,700.0	3.32	85.60	1,699.3	1.9	24.1	2.2	0.00	0.00	0.00
1,800.0	3.32	85.60	1,799.2	2.3	29.8	2.7	0.00	0.00	0.00
1,900.0	3.32	85.60	1,899.0	2.7	35.6	3.2	0.00	0.00	0.00
2,000.0	3.32	85.60	1,998.8	3.2	41.4	3.7	0.00	0.00	0.00
2,100.0	3.32	85.60	2,098.7	3.6	47.1	4.2	0.00	0.00	0.00
2,200.0	3.32	85.60	2,198.5	4.1	52.9	4.8	0.00	0.00	0.00
2,300.0	3.32	85.60	2,298.3	4.5	58.7	5.3	0.00	0.00	0.00
2,400.0	3.32	85.60	2,398.2	5.0	64.5	5.8	0.00	0.00	0.00
2,500.0	3.32	85.60	2,498.0	5.4	70.2	6.3	0.00	0.00	0.00
2,600.0	3.32	85.60	2,597.8	5.8	76.0	6.9	0.00	0.00	0.00
2,700.0	3.32	85.60	2,697.7	6.3	81.8	7.4	0.00	0.00	0.00
2,800.0	3.32	85.60	2,797.5	6.7	87.5	7.9	0.00	0.00	0.00
2,900.0	3.32	85.60	2,897.3	7.2	93.3	8.4	0.00	0.00	0.00
3,000.0	3.32	85.60	2,997.2	7.6	99.1	8.9	0.00	0.00	0.00
3,100.0	3.32	85.60	3,097.0	8.1	104.9	9.5	0.00	0.00	0.00
3,200.0	3.32	85.60	3,196.8	8.5	110.6	10.0	0.00	0.00	0.00
3,300.0	3.32	85.60	3,296.7	9.0	116.4	10.5	0.00	0.00	0.00
3,400.0	3.32	85.60	3,396.5	9.4	122.2	11.0	0.00	0.00	0.00
3,500.0	3.32	85.60	3,496.3	9.8	127.9	11.5	0.00	0.00	0.00
3,600.0	3.32	85.60	3,596.2	10.3	133.7	12.1	0.00	0.00	0.00
3,700.0	3.32	85.60	3,696.0	10.7	139.5	12.6	0.00	0.00	0.00
3,800.0	3.32	85.60	3,795.8	11.2	145.2	13.1	0.00	0.00	0.00
3,900.0	3.32	85.60	3,895.7	11.6	151.0	13.6	0.00	0.00	0.00
4,000.0	3.32	85.60	3,995.5	12.1	156.8	14.1	0.00	0.00	0.00
4,100.0	3.32	85.60	4,095.3	12.5	162.6	14.7	0.00	0.00	0.00
4,200.0	3.32	85.60	4,195.2	12.9	168.3	15.2	0.00	0.00	0.00
4,300.0	3.32	85.60	4,295.0	13.4	174.1	15.7	0.00	0.00	0.00
4,400.0	3.32	85.60	4,394.8	13.8	179.9	16.2	0.00	0.00	0.00
4,500.0	3.32	85.60	4,494.7	14.3	185.6	16.7	0.00	0.00	0.00
4,600.0	3.32	85.60	4,594.5	14.7	191.4	17.3	0.00	0.00	0.00
4,700.0	3.32	85.60	4,694.3	15.2	197.2	17.8	0.00	0.00	0.00
4,800.0	3.32	85.60	4,794.2	15.6	202.9	18.3	0.00	0.00	0.00
4,900.0	3.32	85.60	4,894.0	16.1	208.7	18.8	0.00	0.00	0.00
5,000.0	3.32	85.60	4,993.8	16.5	214.5	19.3	0.00	0.00	0.00
5,100.0	3.32	85.60	5,093.6	16.9	220.3	19.9	0.00	0.00	0.00
5,200.0	3.32	85.60	5,193.5	17.4	226.0	20.4	0.00	0.00	0.00
5,300.0	3.32	85.60	5,293.3	17.8	231.8	20.9	0.00	0.00	0.00
5,400.0	3.32	85.60	5,393.1	18.3	237.6	21.4	0.00	0.00	0.00
5,500.0	3.32	85.60	5,493.0	18.7	243.3	21.9	0.00	0.00	0.00
5,600.0	3.32	85.60	5,592.8	19.2	249.1	22.5	0.00	0.00	0.00
5,700.0	3.32	85.60	5,692.6	19.6	254.9	23.0	0.00	0.00	0.00
5,800.0	3.32	85.60	5,792.5	20.0	260.7	23.5	0.00	0.00	0.00
5,900.0	3.32	85.60	5,892.3	20.5	266.4	24.0	0.00	0.00	0.00
6,000.0	3.32	85.60	5,992.1	20.9	272.2	24.5	0.00	0.00	0.00
6,100.0	3.32	85.60	6,092.0	21.4	278.0	25.1	0.00	0.00	0.00
6,136.3	3.32	85.60	6,128.2	21.5	280.1	25.2	0.00	0.00	0.00
6,200.0	2.04	85.60	6,191.8	21.8	283.0	25.5	2.00	-2.00	0.00

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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)
6,300.0	0.04	85.60	6,291.8	21.9	284.8	25.7	2.00	-2.00	0.00
6,302.2	0.00	0.00	6,294.0	21.9	284.8	25.7	2.00	-2.00	0.00
10,919.0	0.00	0.00	10,910.8	21.9	284.8	25.7	0.00	0.00	0.00
11,000.0	6.48	359.77	10,991.6	26.5	284.8	30.3	8.00	8.00	0.00
11,100.0	14.48	359.77	11,089.9	44.7	284.8	48.4	8.00	8.00	0.00
11,200.0	22.48	359.77	11,184.7	76.3	284.6	80.1	8.00	8.00	0.00
11,300.0	30.48	359.77	11,274.1	120.9	284.4	124.6	8.00	8.00	0.00
11,400.0	38.48	359.77	11,356.5	177.5	284.2	181.2	8.00	8.00	0.00
11,500.0	46.48	359.77	11,430.2	244.9	283.9	248.7	8.00	8.00	0.00
11,600.0	54.48	359.77	11,493.7	322.0	283.6	325.7	8.00	8.00	0.00
11,700.0	62.48	359.77	11,546.0	407.2	283.3	410.9	8.00	8.00	0.00
11,800.0	70.48	359.77	11,585.8	498.8	282.9	502.5	8.00	8.00	0.00
11,900.0	78.48	359.77	11,612.6	595.1	282.5	598.8	8.00	8.00	0.00
12,000.0	86.48	359.77	11,625.6	694.1	282.1	697.8	8.00	8.00	0.00
12,044.0	90.00	359.77	11,627.0	738.1	281.9	741.8	8.00	8.00	0.00
12,100.0	90.00	359.77	11,627.0	794.1	281.7	797.8	0.00	0.00	0.00
12,200.0	90.00	359.77	11,627.0	894.1	281.3	897.8	0.00	0.00	0.00
12,244.0	90.00	359.77	11,627.0	938.1	281.1	941.7	0.00	0.00	0.00
12,300.0	90.00	359.77	11,627.0	994.1	280.9	997.7	0.00	0.00	0.00
12,400.0	90.00	359.77	11,627.0	1,094.1	280.5	1,097.7	0.00	0.00	0.00
12,500.0	90.00	359.77	11,627.0	1,194.1	280.1	1,197.7	0.00	0.00	0.00
12,600.0	90.00	359.77	11,627.0	1,294.1	279.6	1,297.7	0.00	0.00	0.00
12,700.0	90.00	359.77	11,627.0	1,394.1	279.2	1,397.7	0.00	0.00	0.00
12,800.0	90.00	359.77	11,627.0	1,494.1	278.8	1,497.7	0.00	0.00	0.00
12,900.0	90.00	359.77	11,627.0	1,594.1	278.4	1,597.7	0.00	0.00	0.00
13,000.0	90.00	359.77	11,627.0	1,694.1	278.0	1,697.6	0.00	0.00	0.00
13,100.0	90.00	359.77	11,627.0	1,794.1	277.6	1,797.6	0.00	0.00	0.00
13,200.0	90.00	359.77	11,627.0	1,894.1	277.2	1,897.6	0.00	0.00	0.00
13,300.0	90.00	359.77	11,627.0	1,994.1	276.8	1,997.6	0.00	0.00	0.00
13,400.0	90.00	359.77	11,627.0	2,094.1	276.4	2,097.6	0.00	0.00	0.00
13,500.0	90.00	359.77	11,627.0	2,194.1	276.0	2,197.6	0.00	0.00	0.00
13,600.0	90.00	359.77	11,627.0	2,294.1	275.6	2,297.5	0.00	0.00	0.00
13,700.0	90.00	359.77	11,627.0	2,394.1	275.2	2,397.5	0.00	0.00	0.00
13,800.0	90.00	359.77	11,627.0	2,494.1	274.7	2,497.5	0.00	0.00	0.00
13,900.0	90.00	359.77	11,627.0	2,594.1	274.3	2,597.5	0.00	0.00	0.00
14,000.0	90.00	359.77	11,627.0	2,694.1	273.9	2,697.5	0.00	0.00	0.00
14,100.0	90.00	359.77	11,627.0	2,794.1	273.5	2,797.5	0.00	0.00	0.00
14,200.0	90.00	359.77	11,627.0	2,894.1	273.1	2,897.5	0.00	0.00	0.00
14,300.0	90.00	359.77	11,627.0	2,994.1	272.7	2,997.4	0.00	0.00	0.00
14,400.0	90.00	359.77	11,627.0	3,094.1	272.3	3,097.4	0.00	0.00	0.00
14,500.0	90.00	359.77	11,627.0	3,194.1	271.9	3,197.4	0.00	0.00	0.00
14,600.0	90.00	359.77	11,627.0	3,294.1	271.5	3,297.4	0.00	0.00	0.00
14,700.0	90.00	359.77	11,627.0	3,394.1	271.1	3,397.4	0.00	0.00	0.00
14,800.0	90.00	359.77	11,627.0	3,494.1	270.7	3,497.4	0.00	0.00	0.00
14,900.0	90.00	359.77	11,627.0	3,594.1	270.2	3,597.4	0.00	0.00	0.00
15,000.0	90.00	359.77	11,627.0	3,694.1	269.8	3,697.3	0.00	0.00	0.00
15,100.0	90.00	359.77	11,627.0	3,794.1	269.4	3,797.3	0.00	0.00	0.00
15,200.0	90.00	359.77	11,627.0	3,894.1	269.0	3,897.3	0.00	0.00	0.00
15,300.0	90.00	359.77	11,627.0	3,994.1	268.6	3,997.3	0.00	0.00	0.00
15,400.0	90.00	359.77	11,627.0	4,094.1	268.2	4,097.3	0.00	0.00	0.00
15,500.0	90.00	359.77	11,627.0	4,194.1	267.8	4,197.3	0.00	0.00	0.00
15,600.0	90.00	359.77	11,627.0	4,294.1	267.4	4,297.2	0.00	0.00	0.00
15,700.0	90.00	359.77	11,627.0	4,394.1	267.0	4,397.2	0.00	0.00	0.00
15,800.0	90.00	359.77	11,627.0	4,494.1	266.6	4,497.2	0.00	0.00	0.00

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Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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)
15,900.0	90.00	359.77	11,627.0	4,594.1	266.2	4,597.2	0.00	0.00	0.00
16,000.0	90.00	359.77	11,627.0	4,694.1	265.8	4,697.2	0.00	0.00	0.00
16,100.0	90.00	359.77	11,627.0	4,794.1	265.3	4,797.2	0.00	0.00	0.00
16,200.0	90.00	359.77	11,627.0	4,894.1	264.9	4,897.2	0.00	0.00	0.00
16,300.0	90.00	359.77	11,627.0	4,994.1	264.5	4,997.1	0.00	0.00	0.00
16,400.0	90.00	359.77	11,627.0	5,094.1	264.1	5,097.1	0.00	0.00	0.00
16,500.0	90.00	359.77	11,627.0	5,194.1	263.7	5,197.1	0.00	0.00	0.00
16,600.0	90.00	359.77	11,627.0	5,294.1	263.3	5,297.1	0.00	0.00	0.00
16,700.0	90.00	359.77	11,627.0	5,394.1	262.9	5,397.1	0.00	0.00	0.00
16,800.0	90.00	359.77	11,627.0	5,494.1	262.5	5,497.1	0.00	0.00	0.00
16,900.0	90.00	359.77	11,627.0	5,594.1	262.1	5,597.1	0.00	0.00	0.00
17,000.0	90.00	359.77	11,627.0	5,694.1	261.7	5,697.0	0.00	0.00	0.00
17,100.0	90.00	359.77	11,627.0	5,794.1	261.3	5,797.0	0.00	0.00	0.00
17,200.0	90.00	359.77	11,627.0	5,894.1	260.9	5,897.0	0.00	0.00	0.00
17,300.0	90.00	359.77	11,627.0	5,994.1	260.4	5,997.0	0.00	0.00	0.00
17,400.0	90.00	359.77	11,627.0	6,094.1	260.0	6,097.0	0.00	0.00	0.00
17,500.0	90.00	359.77	11,627.0	6,194.1	259.6	6,197.0	0.00	0.00	0.00
17,600.0	90.00	359.77	11,627.0	6,294.1	259.2	6,296.9	0.00	0.00	0.00
17,700.0	90.00	359.77	11,627.0	6,394.1	258.8	6,396.9	0.00	0.00	0.00
17,800.0	90.00	359.77	11,627.0	6,494.1	258.4	6,496.9	0.00	0.00	0.00
17,900.0	90.00	359.77	11,627.0	6,594.1	258.0	6,596.9	0.00	0.00	0.00
18,000.0	90.00	359.77	11,627.0	6,694.1	257.6	6,696.9	0.00	0.00	0.00
18,100.0	90.00	359.77	11,627.0	6,794.1	257.2	6,796.9	0.00	0.00	0.00
18,200.0	90.00	359.77	11,627.0	6,894.1	256.8	6,896.9	0.00	0.00	0.00
18,300.0	90.00	359.77	11,627.0	6,994.1	256.4	6,996.8	0.00	0.00	0.00
18,400.0	90.00	359.77	11,627.0	7,094.1	255.9	7,096.8	0.00	0.00	0.00
18,500.0	90.00	359.77	11,627.0	7,194.1	255.5	7,196.8	0.00	0.00	0.00
18,600.0	90.00	359.77	11,627.0	7,294.1	255.1	7,296.8	0.00	0.00	0.00
18,700.0	90.00	359.77	11,627.0	7,394.1	254.7	7,396.8	0.00	0.00	0.00
18,800.0	90.00	359.77	11,627.0	7,494.1	254.3	7,496.8	0.00	0.00	0.00
18,900.0	90.00	359.77	11,627.0	7,594.1	253.9	7,596.8	0.00	0.00	0.00
19,000.0	90.00	359.77	11,627.0	7,694.1	253.5	7,696.7	0.00	0.00	0.00
19,100.0	90.00	359.77	11,627.0	7,794.1	253.1	7,796.7	0.00	0.00	0.00
19,200.0	90.00	359.77	11,627.0	7,894.1	252.7	7,896.7	0.00	0.00	0.00
19,300.0	90.00	359.77	11,627.0	7,994.1	252.3	7,996.7	0.00	0.00	0.00
19,400.0	90.00	359.77	11,627.0	8,094.1	251.9	8,096.7	0.00	0.00	0.00
19,500.0	90.00	359.77	11,627.0	8,194.1	251.5	8,196.7	0.00	0.00	0.00
19,600.0	90.00	359.77	11,627.0	8,294.1	251.0	8,296.6	0.00	0.00	0.00
19,700.0	90.00	359.77	11,627.0	8,394.1	250.6	8,396.6	0.00	0.00	0.00
19,800.0	90.00	359.77	11,627.0	8,494.1	250.2	8,496.6	0.00	0.00	0.00
19,900.0	90.00	359.77	11,627.0	8,594.1	249.8	8,596.6	0.00	0.00	0.00
20,000.0	90.00	359.77	11,627.0	8,694.1	249.4	8,696.6	0.00	0.00	0.00
20,100.0	90.00	359.77	11,627.0	8,794.1	249.0	8,796.6	0.00	0.00	0.00
20,200.0	90.00	359.77	11,627.0	8,894.0	248.6	8,896.6	0.00	0.00	0.00
20,300.0	90.00	359.77	11,627.0	8,994.0	248.2	8,996.5	0.00	0.00	0.00
20,400.0	90.00	359.77	11,627.0	9,094.0	247.8	9,096.5	0.00	0.00	0.00
20,500.0	90.00	359.77	11,627.0	9,194.0	247.4	9,196.5	0.00	0.00	0.00
20,600.0	90.00	359.77	11,627.0	9,294.0	247.0	9,296.5	0.00	0.00	0.00
20,700.0	90.00	359.77	11,627.0	9,394.0	246.6	9,396.5	0.00	0.00	0.00
20,800.0	90.00	359.77	11,627.0	9,494.0	246.1	9,496.5	0.00	0.00	0.00
20,900.0	90.00	359.77	11,627.0	9,594.0	245.7	9,596.5	0.00	0.00	0.00
21,000.0	90.00	359.77	11,627.0	9,694.0	245.3	9,696.4	0.00	0.00	0.00
21,100.0	90.00	359.77	11,627.0	9,794.0	244.9	9,796.4	0.00	0.00	0.00
21,200.0	90.00	359.77	11,627.0	9,894.0	244.5	9,896.4	0.00	0.00	0.00

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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)
21,300.0	90.00	359.77	11,627.0	9,994.0	244.1	9,996.4	0.00	0.00	0.00
21,400.0	90.00	359.77	11,627.0	10,094.0	243.7	10,096.4	0.00	0.00	0.00
21,500.0	90.00	359.77	11,627.0	10,194.0	243.3	10,196.4	0.00	0.00	0.00
21,600.0	90.00	359.77	11,627.0	10,294.0	242.9	10,296.3	0.00	0.00	0.00
21,700.0	90.00	359.77	11,627.0	10,394.0	242.5	10,396.3	0.00	0.00	0.00
21,800.0	90.00	359.77	11,627.0	10,494.0	242.1	10,496.3	0.00	0.00	0.00
21,900.0	90.00	359.77	11,627.0	10,594.0	241.6	10,596.3	0.00	0.00	0.00
22,000.0	90.00	359.77	11,627.0	10,694.0	241.2	10,696.3	0.00	0.00	0.00
22,100.0	90.00	359.77	11,627.0	10,794.0	240.8	10,796.3	0.00	0.00	0.00
22,200.0	90.00	359.77	11,627.0	10,894.0	240.4	10,896.3	0.00	0.00	0.00
22,300.0	90.00	359.77	11,627.0	10,994.0	240.0	10,996.2	0.00	0.00	0.00
22,400.0	90.00	359.77	11,627.0	11,094.0	239.6	11,096.2	0.00	0.00	0.00
22,500.0	90.00	359.77	11,627.0	11,194.0	239.2	11,196.2	0.00	0.00	0.00
22,600.0	90.00	359.77	11,627.0	11,294.0	238.8	11,296.2	0.00	0.00	0.00
22,700.0	90.00	359.77	11,627.0	11,394.0	238.4	11,396.2	0.00	0.00	0.00
22,800.0	90.00	359.77	11,627.0	11,494.0	238.0	11,496.2	0.00	0.00	0.00
22,900.0	90.00	359.77	11,627.0	11,594.0	237.6	11,596.2	0.00	0.00	0.00
23,000.0	90.00	359.77	11,627.0	11,694.0	237.2	11,696.1	0.00	0.00	0.00
23,100.0	90.00	359.77	11,627.0	11,794.0	236.7	11,796.1	0.00	0.00	0.00
23,200.0	90.00	359.77	11,627.0	11,894.0	236.3	11,896.1	0.00	0.00	0.00
23,300.0	90.00	359.77	11,627.0	11,994.0	235.9	11,996.1	0.00	0.00	0.00
23,400.0	90.00	359.77	11,627.0	12,094.0	235.5	12,096.1	0.00	0.00	0.00
23,500.0	90.00	359.77	11,627.0	12,194.0	235.1	12,196.1	0.00	0.00	0.00
23,600.0	90.00	359.77	11,627.0	12,294.0	234.7	12,296.0	0.00	0.00	0.00
23,700.0	90.00	359.77	11,627.0	12,394.0	234.3	12,396.0	0.00	0.00	0.00
23,800.0	90.00	359.77	11,627.0	12,494.0	233.9	12,496.0	0.00	0.00	0.00
23,900.0	90.00	359.77	11,627.0	12,594.0	233.5	12,596.0	0.00	0.00	0.00
24,000.0	90.00	359.77	11,627.0	12,694.0	233.1	12,696.0	0.00	0.00	0.00
24,100.0	90.00	359.77	11,627.0	12,794.0	232.7	12,796.0	0.00	0.00	0.00
24,200.0	90.00	359.77	11,627.0	12,894.0	232.3	12,896.0	0.00	0.00	0.00
24,300.0	90.00	359.77	11,627.0	12,994.0	231.8	12,995.9	0.00	0.00	0.00
24,400.0	90.00	359.77	11,627.0	13,094.0	231.4	13,095.9	0.00	0.00	0.00
24,500.0	90.00	359.77	11,627.0	13,194.0	231.0	13,195.9	0.00	0.00	0.00
24,600.0	90.00	359.77	11,627.0	13,294.0	230.6	13,295.9	0.00	0.00	0.00
24,700.0	90.00	359.77	11,627.0	13,394.0	230.2	13,395.9	0.00	0.00	0.00
24,800.0	90.00	359.77	11,627.0	13,494.0	229.8	13,495.9	0.00	0.00	0.00
24,900.0	90.00	359.77	11,627.0	13,594.0	229.4	13,595.9	0.00	0.00	0.00
25,000.0	90.00	359.77	11,627.0	13,694.0	229.0	13,695.8	0.00	0.00	0.00
25,100.0	90.00	359.77	11,627.0	13,794.0	228.6	13,795.8	0.00	0.00	0.00
25,200.0	90.00	359.77	11,627.0	13,894.0	228.2	13,895.8	0.00	0.00	0.00
25,300.0	90.00	359.77	11,627.0	13,994.0	227.8	13,995.8	0.00	0.00	0.00
25,400.0	90.00	359.77	11,627.0	14,094.0	227.3	14,095.8	0.00	0.00	0.00
25,500.0	90.00	359.77	11,627.0	14,194.0	226.9	14,195.8	0.00	0.00	0.00
25,600.0	90.00	359.77	11,627.0	14,294.0	226.5	14,295.8	0.00	0.00	0.00
25,700.0	90.00	359.77	11,627.0	14,394.0	226.1	14,395.7	0.00	0.00	0.00
25,800.0	90.00	359.77	11,627.0	14,494.0	225.7	14,495.7	0.00	0.00	0.00
25,900.0	90.00	359.77	11,627.0	14,594.0	225.3	14,595.7	0.00	0.00	0.00
26,000.0	90.00	359.77	11,627.0	14,694.0	224.9	14,695.7	0.00	0.00	0.00
26,100.0	90.00	359.77	11,627.0	14,794.0	224.5	14,795.7	0.00	0.00	0.00
26,200.0	90.00	359.77	11,627.0	14,894.0	224.1	14,895.7	0.00	0.00	0.00
26,300.0	90.00	359.77	11,627.0	14,994.0	223.7	14,995.6	0.00	0.00	0.00
26,400.0	90.00	359.77	11,627.0	15,094.0	223.3	15,095.6	0.00	0.00	0.00
26,500.0	90.00	359.77	11,627.0	15,194.0	222.9	15,195.6	0.00	0.00	0.00
26,600.0	90.00	359.77	11,627.0	15,294.0	222.4	15,295.6	0.00	0.00	0.00

ExxonMobil

Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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)
26,700.0	90.00	359.77	11,627.0	15,394.0	222.0	15,395.6	0.00	0.00	0.00
26,800.0	90.00	359.77	11,627.0	15,494.0	221.6	15,495.6	0.00	0.00	0.00
26,900.0	90.00	359.77	11,627.0	15,594.0	221.2	15,595.6	0.00	0.00	0.00
27,000.0	90.00	359.77	11,627.0	15,694.0	220.8	15,695.5	0.00	0.00	0.00
27,100.0	90.00	359.77	11,627.0	15,794.0	220.4	15,795.5	0.00	0.00	0.00
27,200.0	90.00	359.77	11,627.0	15,894.0	220.0	15,895.5	0.00	0.00	0.00
27,300.0	90.00	359.77	11,627.0	15,994.0	219.6	15,995.5	0.00	0.00	0.00
27,400.0	90.00	359.77	11,627.0	16,094.0	219.2	16,095.5	0.00	0.00	0.00
27,500.0	90.00	359.77	11,627.0	16,194.0	218.8	16,195.5	0.00	0.00	0.00
27,600.0	90.00	359.77	11,627.0	16,294.0	218.4	16,295.5	0.00	0.00	0.00
27,639.4	90.00	359.77	11,627.0	16,333.4	218.2	16,334.9	0.00	0.00	0.00
27,700.0	90.00	359.77	11,627.0	16,394.0	218.0	16,395.4	0.00	0.00	0.00
27,769.4	90.00	359.77	11,627.0	16,463.4	217.7	16,464.8	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
KOP 128H - plan hits target center - Point	0.00	0.00	10,910.8	21.9	284.8	439,827.81	650,386.95	32° 12' 29.768 N	103° 50' 49.582 W
FTP 128H - plan hits target center - Point	0.00	0.00	11,627.0	938.1	281.1	440,744.00	650,383.20	32° 12' 38.834 N	103° 50' 49.577 W
LTP 128H - plan hits target center - Rectangle (sides W660.0 H15,396.9 D0.0)	0.00	359.77	11,627.0	16,333.4	218.2	456,139.30	650,320.30	32° 15' 11.189 N	103° 50' 49.498 W
BHL 128H - plan hits target center - Rectangle (sides W100.0 H15,524.9 D0.0)	0.00	359.77	11,627.0	16,463.4	217.7	456,269.30	650,319.80	32° 15' 12.476 N	103° 50' 49.497 W

ExxonMobil
Planning Report

Database:	LMRKPROD3	**Local Co-ordinate Reference:**	Well 128H
Company:	ROC	**TVD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Project:	HP 552 - Eddy County, NM (NAD 27 NME)	**MD Reference:**	RKB30 @ 3457.0usft (H&P 552)
Site:	(HP 552) PLU 23 DTD Federal Com - Plans	**North Reference:**	Grid
Well:	128H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan 1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
508.0	507.0	Rustler			
866.0	865.0	Top Salt			
3,855.3	3,850.0	Base Salt			
4,083.6	4,078.0	Delaware			
5,007.2	5,000.0	Cherry Canyon			
6,302.2	6,293.0	Brushy Canyon			
7,646.2	7,637.0	Basal Brushy Canyon			
7,910.2	7,901.0	Bone Spring			
7,935.2	7,926.0	Bone Spring Lime Fm			
8,045.2	8,036.0	Avalon Shale			
8,330.2	8,321.0	Avalon Lime			
8,487.2	8,478.0	Lower Avalon Shale			
8,683.2	8,674.0	1st Bone Spring Lime			
8,915.2	8,906.0	1st Bone Spring Ss			
9,361.2	9,352.0	2nd Bone Spring Lime			
9,670.2	9,661.0	2nd Bone Spring Ss			
9,832.2	9,823.0	2nd Bone Spring A Sand			
9,884.2	9,875.0	2nd Bone Spring T/B Carb			
9,991.2	9,982.0	2nd Bone Spring C Sand			
10,073.2	10,064.0	3rd Bone Spring Lm			
10,428.2	10,419.0	3rd Bone Spring Sh			
10,615.2	10,606.0	3rd Bone Spring Sh Base			
10,857.2	10,848.0	3rd Bone Spring Ss			
11,114.6	11,103.0	Red Hills SS			
11,237.6	11,218.0	Wolfcamp			
11,267.8	11,245.0	Wolfcamp X			
11,350.9	11,316.0	Wolfcamp Y			
11,431.9	11,380.0	Wolfcamp A			
11,639.9	11,515.0	Wolfcamp A Lower			
12,044.0	11,626.0	LP			

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
1,200.0	1,200.0	0.0	0.0	Begin 2.00°/100 Build
1,365.9	1,365.8	0.4	4.8	Hold 3.32° Inc at 85.60° Azm
6,136.3	6,128.2	21.5	280.1	Begin 2.00°/100 Drop
6,302.2	6,294.0	21.9	284.8	Hold Vertical
10,919.0	10,910.8	21.9	284.8	KOP, Begin 8.00°/100 Build
12,044.0	11,627.0	738.1	281.9	LP. Hold 90° Inc at 359.77° Azm
27,639.4	11,627.0	16,333.4	218.2	LTP
27,769.4	11,627.0	16,463.4	217.7	TD at 27769.41

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

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

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

C-102
Revised July 9, 2024
Submit Electronically
via OCD Permitting

Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-49645	98220	PURPLE SAGE; WOLFCAMP (GAS)

Property Code	Property Name	Well Number
	POKER LAKE UNIT 23 DTD FED COM	128H

OGRID No.	Operator Name	Ground Level Elevation
373075	XTO PERMIAN OPERATING, LLC.	3442'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	23	24S	30E		836 FNL	1,712 FEL	32.208336	-103.848513	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	02	24S	30E	2	200 FNL	1,430 FEL	32.253589	-103.847571	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
2,080.66	INFILL	30-015-49652	N	P

Order Numbers: R-23810
Well setbacks are under Common Ownership: ☒Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	23	24S	30E		836 FNL	1,712 FEL	32.208336	-103.848513	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	23	24S	30E		603 FNL	1,430 FEL	32.208979	-103.847597	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	02	24S	30E	2	330 FNL	1,430 FEL	32.253232	-103.847571	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3442'

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.

Lacey Granillo — 6/2/25
Signature — Date

Lacey Granillo
Printed Name

Lacey.granillo@exxonmobil.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.

Signature and Seal of Professional Surveyor

23786 — Certificate Number
05-29-2025 — Date of Survey

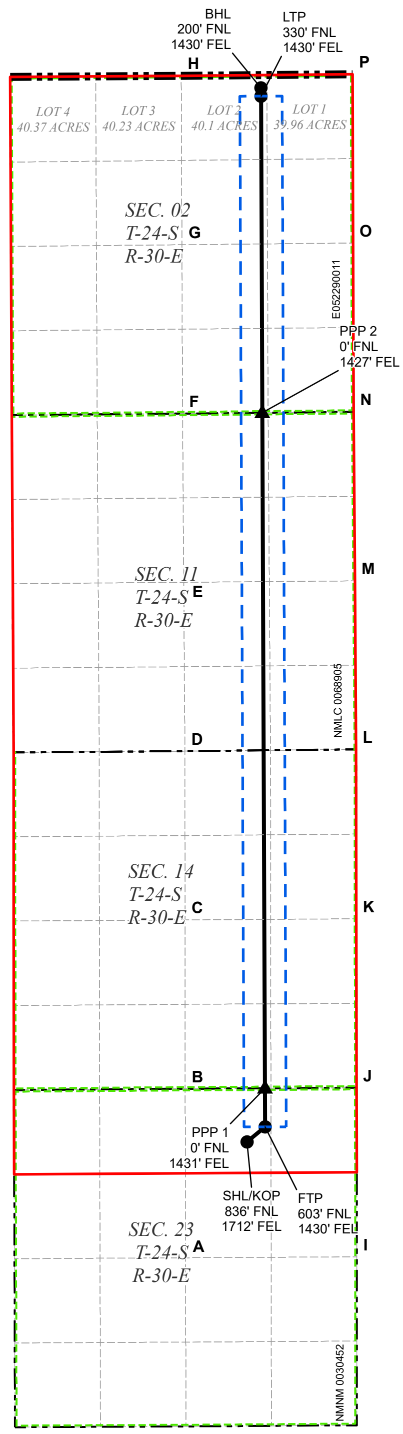
DN
618.013003.09-02

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

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



LEGEND

SECTION LINE
TOWNSHIP LINE
DEDICATED ACREAGE
330' BUFFER
MINERAL LEASE
WELLBORE
PPP
WELL

WELL COORDINATE TABLE

WELL	NAD 83 NME X	NAD 83 NME Y	NAD 83 LAT	NAD 83 LON	NAD 27 NME X	NAD 27 NME Y	NAD 27 LAT	NAD 27 LON
SHL/KOP	691,286.0	439,864.9	32.208336	-103.848513	650,102.2	439,805.9	32.208212	-103.848027
FTP	691,568.1	440,100.0	32.208979	-103.847597	650,384.3	440,041.0	32.208855	-103.847112
LTP	691,503.5	456,198.8	32.253232	-103.847571	650,320.3	456,139.4	32.253108	-103.847083
BHL	691,502.9	456,328.7	32.253589	-103.847571	650,319.7	456,269.2	32.253465	-103.847083
PPP 1	691,565.7	440,703.0	32.210636	-103.847597	650,381.9	440,644.0	32.210512	-103.847111
PPP 2	691,523.3	451,253.6	32.239638	-103.847579	650,339.9	451,194.3	32.239515	-103.847092

CORNER COORDINATE TABLE

CORNER	NAD 83 NME X	NAD 83 NME Y	NAD 27 NME X	NAD 27 NME Y
A	690,325.0	438,055.8	649,141.1	437,996.8
B	690,318.8	440,695.8	649,135.1	440,636.7
C	690,316.6	443,332.8	649,133.0	443,273.7
D	690,314.4	445,969.0	649,130.8	445,909.9
E	690,296.4	448,606.1	649,112.9	448,546.9
F	690,278.4	451,241.0	649,095.0	451,181.7
G	690,267.6	453,878.5	649,084.3	453,819.1
H	690,256.8	456,518.7	649,073.6	456,459.2
I	693,001.3	438,070.5	651,817.5	438,011.5
J	692,997.1	440,711.4	651,813.3	440,652.4
K	692,993.7	443,350.7	651,810.0	443,291.6
L	692,990.3	445,996.5	651,806.7	445,937.3
M	692,970.7	448,628.6	651,787.3	448,569.4
N	692,950.0	451,268.0	651,766.6	451,208.7
O	692,941.2	453,905.4	651,757.9	453,846.1
P	692,932.5	456,540.5	651,749.3	456,481.1

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

CONDITIONS

Action 473000

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 473000
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	7/22/2025