

<b>Well Name:</b> POKER LAKE UNIT 25 BD N	<b>Well Location:</b> T25S / R30E / SEC 25 / TR B / 32.107694 / -103.831058	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 504H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC063079A	<b>Unit or CA Name:</b> POKER LAKE UNIT	<b>Unit or CA Number:</b> NMNM71016X
<b>US Well Number:</b> 3001557594	<b>Operator:</b> XTO PERMIAN OPERATING LLC	

**Notice of Intent**

**Sundry ID:** 2899699

**Type of Submission:** Notice of Intent

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 03/12/2026

**Time Sundry Submitted:** 08:45

**Date proposed operation will begin:** 03/19/2026

**Procedure Description:** James Metcalf, Wells Engineer- Delaware Basin for XTO Permian Operating, LLC. received verbal/email approval from Zota Stevens, Petroleum Engineer with BLM-Carlsbad, on February 27, 2026, to conduct sidetrack operations as follows: 9-5/8" casing set at 1,455' with cement to surface WELL SUMMARY: While drilling the intermediate, at 6,202' we tripped for a motor failure. While tripping out pulled tight and pulled the mandrel off the catch, leaving a tool at 4,920'. We tripped in with a mill to clean out the hole and pushed the fish to bottom. The new top of fish was 6,179'. Plan forward was to plug back the Cherry Canyon and drill a sidetrack in the Salado. EXECUTED PLAN: Set cement plugs and sidetrack around the fish. Cement plugs were set as follow: Plug 1: 135 sacks (33 bbls) of Class C Cement (1.34 ft3/sk, 14.8 ppg) will be set from 5,023'-5,421' MD Plug 2: 650 sacks (110 bbls) of Class H cement (0.96 ft3/sk, 17.5 ppg will be set from 3,725'-4,919' MD. We then sidetracked off the 2nd cement plug at 3,750'. There will be no changes to our production interval. Production casing and cement requirements will remain unchanged. ATTACHMENTS: Well Summary with formation tops, Current Well Bore Diagram, Proposed Well Bore Diagram, Directional Plan and Legal Plot and a copy of email approval from Zota Stevens.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

BLM\_Sundry\_submission\_attachments\_20260312084332.pdf

**Well Name:** POKER LAKE UNIT 25 BD N

**Well Location:** T25S / R30E / SEC 25 / TR B / 32.107694 / -103.831058

**County or Parish/State:** EDDY / NM

**Well Number:** 504H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMLC063079A

**Unit or CA Name:** POKER LAKE UNIT

**Unit or CA Number:** NMNM71016X

**US Well Number:** 3001557594

**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:** VISHAL RAJAN

**Signed on:** MAR 12, 2026 08:45 AM

**Name:** XTO PERMIAN OPERATING LLC

**Title:** Regulatory Clerk

**Street Address:** 6401 HOLIDAY HILL ROAD BLDG 5

**City:** MIDLAND

**State:** TX

**Phone:** (432) 620-6704

**Email address:** VISHAL.RAJAN@EXXONMOBIL.COM

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** ZOTA M STEVENS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752345998

**BLM POC Email Address:** ZSTEVENS@BLM.GOV

**Disposition:** Approved

**Disposition Date:** 03/24/2026

**Signature:** Zota Stevens

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.	NMLC063079A
6. If Indian, Allottee or Tribe Name	

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X
2. Name of Operator XTO PERMIAN OPERATING LLC		8. Well Name and No. POKER LAKE UNIT 25 BD N/504H
3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,	3b. Phone No. (include area code) (432) 683-2277	9. API Well No. 3001557594
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 25/T25S/R30E/NMP		10. Field and Pool or Exploratory Area WILDCAT G-05 S2630010/BONE SPRING
		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				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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 performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or 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 determined that the site is ready for final inspection.)

James Metcalf, Wells Engineer- Delaware Basin for XTO Permian Operating, LLC. received verbal/email approval from Zota Stevens, Petroleum Engineer with BLM-Carlsbad, on February 27, 2026, to conduct sidetrack operations as follows:

9-5/8 casing set at 1,455 with cement to surface

WELL SUMMARY:

While drilling the intermediate, at 6,202 we tripped for a motor failure. While tripping out pulled tight and pulled the mandrel off the catch, leaving a tool at 4,920. We tripped in with a mill to clean out the hole and pushed the fish to bottom. The new top of fish was 6,179. Plan forward was to plug back the Cherry Canyon and drill a sidetrack in the Salado.

EXECUTED PLAN:

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) VISHAL RAJAN / Ph: (432) 620-6704	Title Regulatory Clerk
Signature (Electronic Submission)	Date 03/12/2026

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by ZOTA M STEVENS / Ph: (575) 234-5998 / Approved	Title Petroleum Engineer	Date 03/24/2026
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office CARLSBAD

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

(Instructions on page 2)

## GENERAL INSTRUCTIONS

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

## SPECIFIC INSTRUCTIONS

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

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

## NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

## Additional Information

### Additional Remarks

Set cement plugs and sidetrack around the fish.

Cement plugs were set as follow:

Plug 1: 135 sacks (33 bbls) of Class C Cement (1.34 ft<sup>3</sup>/sk, 14.8 ppg) will be set from 5,023-5,421 MD

Plug 2: 650 sacks (110 bbls) of Class H cement (0.96 ft<sup>3</sup>/sk, 17.5 ppg will be set from 3,725-4,919 MD.

We then sidetracked off the 2nd cement plug at 3,750.

There will be no changes to our production interval. Production casing and cement requirements will remain unchanged.

ATTACHMENTS: Well Summary with formation tops, Current Well Bore Diagram, Proposed Well Bore Diagram, Directional Plan and Legal Plot and a copy of email approval from Zota Stevens.

### Location of Well

0. SHL: TR B / 202 FNL / 1556 FEL / TWSP: 25S / RANGE: 30E / SECTION: 25 / LAT: 32.107694 / LONG: -103.831058 ( TVD: 0 feet, MD: 0 feet )

PPP: SESE / 0 FNL / 852 FEL / TWSP: 25S / RANGE: 30E / SECTION: 24 / LAT: 32.108519 / LONG: -103.828786 ( TVD: 10652 feet, MD: 14200 feet )

PPP: TR H / 2135 FNL / 904 FEL / TWSP: 25S / RANGE: 30E / SECTION: 25 / LAT: 32.102651 / LONG: -103.828941 ( TVD: 10652 feet, MD: 11600 feet )

BHL: TR A / 50 FNL / 751 FEL / TWSP: 25S / RANGE: 30E / SECTION: 13 / LAT: 32.137493 / LONG: -103.828294 ( TVD: 10652 feet, MD: 22052 feet )

**POKER LAKE UNIT 25 BD N 504H**

**9-5/8" casing set at 1,455' with cement to surface**

**WELL SUMMARY:**

**While drilling the intermediate, at 6,202' we tripped for a motor failure. While tripping out pulled tight and pulled the mandrel off the catch, leaving a tool at 4,920'. We tripped in with a mill to clean out the hole and pushed the fish to bottom. The new top of fish was 6,179'. Plan forward was to plug back the Cherry Canyon and drill a sidetrack in the Salado.**

**EXECUTED PLAN:**

**Set cement plugs and sidetrack around the fish.**

**Cement plugs were set as follow:**

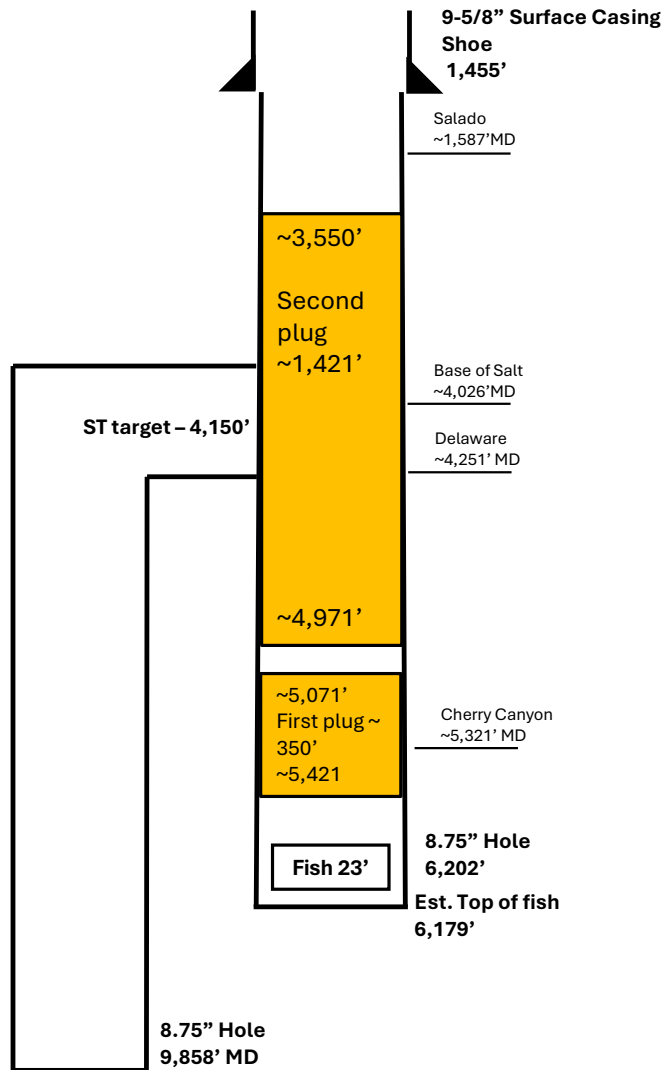
Plug 1: 135 sacks (33 bbls) of Class C Cement (1.34 ft<sup>3</sup>/sk, 14.8 ppg) will be set from 5,023'-5,421' MD

Plug 2: 650 sacks (110 bbls) of Class H cement (0.96 ft<sup>3</sup>/sk, 17.5 ppg will be set from 3,725'-4,919' MD.

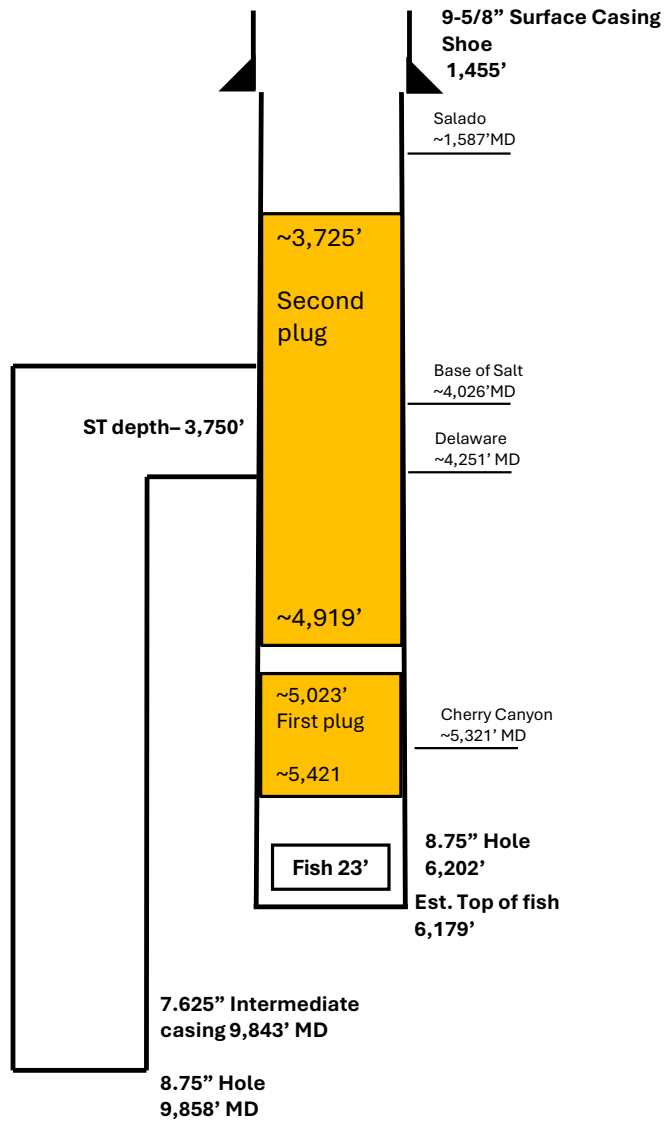
**We then sidetracked off the 2<sup>nd</sup> cement plug at 3,750'.**

**There will be no changes to our production interval. Production casing and cement requirements will remain unchanged.**

# Proposed Wellbore



# Actual Wellbore



# **ROC**

**PLU 25BD N - Eddy Co. (NAD 27 NMEZ)  
(HP 508) - PLU 25BD N - Pad B  
Poker Lake Unit 25 BD N 504H**

**ST01**

**Plan: Plan 1**

## **Standard Planning Report**

**27 February, 2026**

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	Plan 1		

<b>Project</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ), DSCDS5 ROCPOD3 ROC POD 2		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

<b>Site</b>	(HP 508) - PLU 25BD N - Pad B			
<b>Site Position:</b>	<b>Northing:</b>	403,318.07 usft	<b>Latitude:</b>	32° 6' 28.225 N
<b>From:</b> Map	<b>Easting:</b>	655,609.48 usft	<b>Longitude:</b>	103° 49' 50.781 W
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	

<b>Well</b>	Poker Lake Unit 25 BD N 504H			
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	403,318.09 usft
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	655,669.48 usft
<b>Position Uncertainty</b>	0.0 usft		<b>Wellhead Elevation:</b>	usft
<b>Grid Convergence:</b>	0.27 °		<b>Ground Level:</b>	3,341.0 usft

<b>Wellbore</b>	ST01				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2020	2/27/2026	6.10	59.60	46,910.46858632

<b>Design</b>	Plan 1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	4,121.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	0.02

<b>Plan Survey Tool Program</b>	<b>Date</b>	2/27/2026		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	4,121.0	22,915.2 Plan 1 (ST01)	XOMR2_OWSG MWD+IFR1+	
			OWSG MWD + IFR1 + Multi-St	

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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
4,121.0	24.23	167.33	3,952.2	-776.2	287.3	0.00	0.00	0.00	0.00	
4,150.5	24.22	169.88	3,979.2	-788.0	289.7	3.55	-0.04	8.64	91.87	
4,190.5	22.51	167.27	4,015.9	-803.6	292.8	5.00	-4.28	-6.53	-150.00	
4,246.4	22.00	160.00	4,067.6	-823.9	298.8	5.00	-0.90	-12.99	-103.76	
4,446.4	22.00	160.00	4,253.1	-894.3	324.4	0.00	0.00	0.00	0.00	
4,693.6	26.50	155.00	4,478.4	-987.8	363.5	2.00	1.82	-2.02	-26.83	
5,393.6	26.50	155.00	5,104.8	-1,270.9	495.5	0.00	0.00	0.00	0.00	
5,653.1	26.50	166.65	5,337.3	-1,379.8	533.4	2.00	0.00	4.49	95.19	
6,246.0	26.50	166.65	5,867.8	-1,637.2	594.5	0.00	0.00	0.00	0.00	
7,571.1	0.00	0.00	7,146.2	-1,930.1	664.0	2.00	-2.00	0.00	180.00	
9,901.9	0.00	0.00	9,477.0	-1,930.1	664.0	0.00	0.00	0.00	0.00	
10,801.9	90.00	9.73	10,050.0	-1,365.4	760.8	10.00	10.00	0.00	9.73	
11,287.4	90.00	0.02	10,050.0	-882.2	802.0	2.00	0.00	-2.00	-90.00	
22,865.2	90.00	0.02	10,050.0	10,695.6	806.1	0.00	0.00	0.00	0.00	LTP 504H FINAL
22,915.2	90.00	0.02	10,050.0	10,745.6	806.1	0.00	0.00	0.00	0.00	BHL 504H FINAL

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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)	
4,121.0	24.23	167.33	3,952.2	-776.2	287.3	-776.1	0.00	0.00	0.00	
4,150.5	24.22	169.88	3,979.2	-788.0	289.7	-787.9	3.55	-0.04	8.64	
4,190.5	22.51	167.27	4,015.9	-803.6	292.8	-803.5	5.00	-4.28	-6.53	
4,200.0	22.40	166.06	4,024.7	-807.1	293.6	-807.0	5.00	-1.14	-12.75	
4,246.4	22.00	160.00	4,067.6	-823.9	298.8	-823.8	5.00	-0.86	-13.04	
4,289.7	22.00	160.00	4,107.8	-839.1	304.3	-839.0	0.00	0.00	0.00	
<b>Delaware</b>										
4,300.0	22.00	160.00	4,117.3	-842.7	305.6	-842.6	0.00	0.00	0.00	
4,400.0	22.00	160.00	4,210.0	-877.9	318.4	-877.8	0.00	0.00	0.00	
4,446.4	22.00	160.00	4,253.1	-894.3	324.4	-894.2	0.00	0.00	0.00	
4,500.0	22.96	158.76	4,302.6	-913.4	331.6	-913.3	2.00	1.79	-2.31	
4,600.0	24.78	156.69	4,394.0	-950.9	347.0	-950.8	2.00	1.82	-2.07	
4,693.6	26.50	155.00	4,478.4	-987.8	363.5	-987.7	2.00	1.84	-1.81	
4,700.0	26.50	155.00	4,484.1	-990.4	364.7	-990.3	0.00	0.00	0.00	
4,800.0	26.50	155.00	4,573.6	-1,030.8	383.6	-1,030.7	0.00	0.00	0.00	
4,900.0	26.50	155.00	4,663.1	-1,071.3	402.5	-1,071.1	0.00	0.00	0.00	
5,000.0	26.50	155.00	4,752.6	-1,111.7	421.3	-1,111.6	0.00	0.00	0.00	
5,100.0	26.50	155.00	4,842.1	-1,152.2	440.2	-1,152.0	0.00	0.00	0.00	
5,200.0	26.50	155.00	4,931.6	-1,192.6	459.0	-1,192.4	0.00	0.00	0.00	
5,238.9	26.50	155.00	4,966.4	-1,208.3	466.4	-1,208.2	0.00	0.00	0.00	
<b>Cherry Canyon</b>										
5,300.0	26.50	155.00	5,021.1	-1,233.0	477.9	-1,232.9	0.00	0.00	0.00	
5,393.6	26.50	155.00	5,104.8	-1,270.9	495.5	-1,270.7	0.00	0.00	0.00	
5,400.0	26.49	155.29	5,110.6	-1,273.5	496.7	-1,273.3	2.00	-0.18	4.47	
5,500.0	26.39	159.77	5,200.1	-1,314.6	513.7	-1,314.4	2.00	-0.10	4.49	
5,600.0	26.43	164.27	5,289.7	-1,356.9	527.5	-1,356.7	2.00	0.04	4.50	
5,653.1	26.50	166.65	5,337.3	-1,379.8	533.4	-1,379.6	2.00	0.15	4.48	
5,700.0	26.50	166.65	5,379.2	-1,400.1	538.2	-1,399.9	0.00	0.00	0.00	
5,800.0	26.50	166.65	5,468.7	-1,443.6	548.5	-1,443.4	0.00	0.00	0.00	
5,900.0	26.50	166.65	5,558.2	-1,487.0	558.8	-1,486.8	0.00	0.00	0.00	
6,000.0	26.50	166.65	5,647.7	-1,530.4	569.1	-1,530.2	0.00	0.00	0.00	
6,100.0	26.50	166.65	5,737.2	-1,573.8	579.4	-1,573.6	0.00	0.00	0.00	
6,200.0	26.50	166.65	5,826.7	-1,617.2	589.8	-1,617.0	0.00	0.00	0.00	
6,246.0	26.50	166.65	5,867.8	-1,637.2	594.5	-1,637.0	0.00	0.00	0.00	
6,300.0	25.42	166.65	5,916.4	-1,660.2	599.9	-1,660.0	2.00	-2.00	0.00	
6,400.0	23.42	166.65	6,007.4	-1,700.4	609.5	-1,700.2	2.00	-2.00	0.00	
6,500.0	21.42	166.65	6,099.9	-1,737.5	618.3	-1,737.3	2.00	-2.00	0.00	
6,600.0	19.42	166.65	6,193.6	-1,771.5	626.4	-1,771.3	2.00	-2.00	0.00	
6,700.0	17.42	166.65	6,288.5	-1,802.2	633.7	-1,802.0	2.00	-2.00	0.00	
6,800.0	15.42	166.65	6,384.4	-1,829.7	640.2	-1,829.5	2.00	-2.00	0.00	
6,900.0	13.42	166.65	6,481.2	-1,854.0	645.9	-1,853.7	2.00	-2.00	0.00	
7,000.0	11.42	166.65	6,578.9	-1,874.9	650.9	-1,874.7	2.00	-2.00	0.00	
7,065.6	10.11	166.65	6,643.3	-1,886.8	653.7	-1,886.6	2.00	-2.00	0.00	
<b>Brushy Canyon</b>										
7,100.0	9.42	166.65	6,677.2	-1,892.5	655.1	-1,892.3	2.00	-2.00	0.00	
7,200.0	7.42	166.65	6,776.1	-1,906.7	658.5	-1,906.5	2.00	-2.00	0.00	
7,300.0	5.42	166.65	6,875.5	-1,917.6	661.0	-1,917.4	2.00	-2.00	0.00	
7,400.0	3.42	166.65	6,975.2	-1,925.1	662.8	-1,924.9	2.00	-2.00	0.00	
7,500.0	1.42	166.65	7,075.1	-1,929.2	663.8	-1,929.0	2.00	-2.00	0.00	
7,571.1	0.00	0.00	7,146.2	-1,930.1	664.0	-1,929.9	2.00	-2.00	0.00	
7,600.0	0.00	0.00	7,175.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,275.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,375.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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)	
7,900.0	0.00	0.00	7,475.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,575.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,100.0	0.00	0.00	7,675.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,171.1	0.00	0.00	7,746.2	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>Basal Brushy Canyon</b>										
8,200.0	0.00	0.00	7,775.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,300.0	0.00	0.00	7,875.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,369.1	0.00	0.00	7,944.2	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>Bone Spring Lm.</b>										
8,400.0	0.00	0.00	7,975.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,075.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,524.5	0.00	0.00	8,099.6	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>Avalon</b>										
8,600.0	0.00	0.00	8,175.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,275.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,375.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
8,886.8	0.00	0.00	8,461.9	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>Lower Avalon</b>										
8,900.0	0.00	0.00	8,475.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,575.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,100.0	0.00	0.00	8,675.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,141.4	0.00	0.00	8,716.5	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>1st Bone Spring Lime</b>										
9,200.0	0.00	0.00	8,775.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,300.0	0.00	0.00	8,875.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,345.8	0.00	0.00	8,920.9	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>1st Bone Spring Sand</b>										
9,400.0	0.00	0.00	8,975.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,075.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,175.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,643.1	0.00	0.00	9,218.2	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>2nd Bone Spring Shale</b>										
9,700.0	0.00	0.00	9,275.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,375.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,808.3	0.00	0.00	9,383.4	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
<b>2nd Bone Spring Lime</b>										
9,900.0	0.00	0.00	9,475.1	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
9,901.9	0.00	0.00	9,477.0	-1,930.1	664.0	-1,929.9	0.00	0.00	0.00	
10,000.0	9.81	9.73	9,574.6	-1,921.8	665.4	-1,921.6	10.00	10.00	0.00	
10,034.6	13.27	9.73	9,608.5	-1,915.0	666.6	-1,914.8	10.00	10.00	0.00	
<b>2nd Bone Spring Sand A Prime</b>										
10,100.0	19.81	9.73	9,671.2	-1,896.7	669.7	-1,896.4	10.00	10.00	0.00	
10,200.0	29.81	9.73	9,761.8	-1,855.4	676.8	-1,855.1	10.00	10.00	0.00	
10,300.0	39.81	9.73	9,843.8	-1,799.2	686.4	-1,798.9	10.00	10.00	0.00	
10,400.0	49.81	9.73	9,914.7	-1,729.8	698.3	-1,729.6	10.00	10.00	0.00	
10,429.4	52.75	9.73	9,933.1	-1,707.2	702.2	-1,706.9	10.00	10.00	0.00	
<b>2nd Bone Spring Sand B</b>										
10,500.0	59.81	9.73	9,972.2	-1,649.4	712.1	-1,649.1	10.00	10.00	0.00	
10,600.0	69.81	9.73	10,014.8	-1,560.3	727.4	-1,560.0	10.00	10.00	0.00	
10,700.0	79.81	9.73	10,040.9	-1,465.3	743.7	-1,465.0	10.00	10.00	0.00	
10,800.0	89.81	9.73	10,050.0	-1,367.3	760.5	-1,367.0	10.00	10.00	0.00	
10,801.9	90.00	9.73	10,050.0	-1,365.4	760.8	-1,365.1	10.00	10.00	0.00	
<b>Lower 2nd Bone Spring Sand Landing</b>										

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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)	
10,900.0	90.00	7.77	10,050.0	-1,268.4	775.8	-1,268.2	2.00	0.00	-2.00	
11,000.0	90.00	5.77	10,050.0	-1,169.1	787.5	-1,168.9	2.00	0.00	-2.00	
11,100.0	90.00	3.77	10,050.0	-1,069.5	795.9	-1,069.2	2.00	0.00	-2.00	
11,200.0	90.00	1.77	10,050.0	-969.6	800.7	-969.3	2.00	0.00	-2.00	
11,287.4	90.00	0.02	10,050.0	-882.2	802.0	-881.9	2.00	0.00	-2.00	
11,300.0	90.00	0.02	10,050.0	-869.6	802.0	-869.3	0.00	0.00	0.00	
11,400.0	90.00	0.02	10,050.0	-769.6	802.1	-769.3	0.00	0.00	0.00	
11,500.0	90.00	0.02	10,050.0	-669.6	802.1	-669.3	0.00	0.00	0.00	
11,600.0	90.00	0.02	10,050.0	-569.6	802.2	-569.3	0.00	0.00	0.00	
11,700.0	90.00	0.02	10,050.0	-469.6	802.2	-469.3	0.00	0.00	0.00	
11,800.0	90.00	0.02	10,050.0	-369.6	802.2	-369.3	0.00	0.00	0.00	
11,900.0	90.00	0.02	10,050.0	-269.6	802.3	-269.3	0.00	0.00	0.00	
12,000.0	90.00	0.02	10,050.0	-169.6	802.3	-169.3	0.00	0.00	0.00	
12,100.0	90.00	0.02	10,050.0	-69.6	802.3	-69.3	0.00	0.00	0.00	
12,200.0	90.00	0.02	10,050.0	30.4	802.4	30.7	0.00	0.00	0.00	
12,300.0	90.00	0.02	10,050.0	130.4	802.4	130.7	0.00	0.00	0.00	
12,400.0	90.00	0.02	10,050.0	230.4	802.4	230.7	0.00	0.00	0.00	
12,500.0	90.00	0.02	10,050.0	330.4	802.5	330.7	0.00	0.00	0.00	
12,600.0	90.00	0.02	10,050.0	430.4	802.5	430.7	0.00	0.00	0.00	
12,700.0	90.00	0.02	10,050.0	530.4	802.5	530.7	0.00	0.00	0.00	
12,800.0	90.00	0.02	10,050.0	630.4	802.6	630.7	0.00	0.00	0.00	
12,900.0	90.00	0.02	10,050.0	730.4	802.6	730.7	0.00	0.00	0.00	
13,000.0	90.00	0.02	10,050.0	830.4	802.6	830.7	0.00	0.00	0.00	
13,100.0	90.00	0.02	10,050.0	930.4	802.7	930.7	0.00	0.00	0.00	
13,200.0	90.00	0.02	10,050.0	1,030.4	802.7	1,030.7	0.00	0.00	0.00	
13,300.0	90.00	0.02	10,050.0	1,130.4	802.7	1,130.7	0.00	0.00	0.00	
13,400.0	90.00	0.02	10,050.0	1,230.4	802.8	1,230.7	0.00	0.00	0.00	
13,500.0	90.00	0.02	10,050.0	1,330.4	802.8	1,330.7	0.00	0.00	0.00	
13,600.0	90.00	0.02	10,050.0	1,430.4	802.8	1,430.7	0.00	0.00	0.00	
13,700.0	90.00	0.02	10,050.0	1,530.4	802.9	1,530.7	0.00	0.00	0.00	
13,800.0	90.00	0.02	10,050.0	1,630.4	802.9	1,630.7	0.00	0.00	0.00	
13,900.0	90.00	0.02	10,050.0	1,730.4	803.0	1,730.7	0.00	0.00	0.00	
14,000.0	90.00	0.02	10,050.0	1,830.4	803.0	1,830.7	0.00	0.00	0.00	
14,100.0	90.00	0.02	10,050.0	1,930.4	803.0	1,930.7	0.00	0.00	0.00	
14,200.0	90.00	0.02	10,050.0	2,030.4	803.1	2,030.7	0.00	0.00	0.00	
14,300.0	90.00	0.02	10,050.0	2,130.4	803.1	2,130.7	0.00	0.00	0.00	
14,400.0	90.00	0.02	10,050.0	2,230.4	803.1	2,230.7	0.00	0.00	0.00	
14,500.0	90.00	0.02	10,050.0	2,330.4	803.2	2,330.7	0.00	0.00	0.00	
14,600.0	90.00	0.02	10,050.0	2,430.4	803.2	2,430.7	0.00	0.00	0.00	
14,700.0	90.00	0.02	10,050.0	2,530.4	803.2	2,530.7	0.00	0.00	0.00	
14,800.0	90.00	0.02	10,050.0	2,630.4	803.3	2,630.7	0.00	0.00	0.00	
14,900.0	90.00	0.02	10,050.0	2,730.4	803.3	2,730.7	0.00	0.00	0.00	
15,000.0	90.00	0.02	10,050.0	2,830.4	803.3	2,830.7	0.00	0.00	0.00	
15,100.0	90.00	0.02	10,050.0	2,930.4	803.4	2,930.7	0.00	0.00	0.00	
15,200.0	90.00	0.02	10,050.0	3,030.4	803.4	3,030.7	0.00	0.00	0.00	
15,300.0	90.00	0.02	10,050.0	3,130.4	803.4	3,130.7	0.00	0.00	0.00	
15,400.0	90.00	0.02	10,050.0	3,230.4	803.5	3,230.7	0.00	0.00	0.00	
15,500.0	90.00	0.02	10,050.0	3,330.4	803.5	3,330.7	0.00	0.00	0.00	
15,600.0	90.00	0.02	10,050.0	3,430.4	803.5	3,430.7	0.00	0.00	0.00	
15,700.0	90.00	0.02	10,050.0	3,530.4	803.6	3,530.7	0.00	0.00	0.00	
15,800.0	90.00	0.02	10,050.0	3,630.4	803.6	3,630.7	0.00	0.00	0.00	
15,900.0	90.00	0.02	10,050.0	3,730.4	803.7	3,730.7	0.00	0.00	0.00	
16,000.0	90.00	0.02	10,050.0	3,830.4	803.7	3,830.7	0.00	0.00	0.00	
16,100.0	90.00	0.02	10,050.0	3,930.4	803.7	3,930.7	0.00	0.00	0.00	

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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)
16,200.0	90.00	0.02	10,050.0	4,030.4	803.8	4,030.7	0.00	0.00	0.00
16,300.0	90.00	0.02	10,050.0	4,130.4	803.8	4,130.7	0.00	0.00	0.00
16,400.0	90.00	0.02	10,050.0	4,230.4	803.8	4,230.7	0.00	0.00	0.00
16,500.0	90.00	0.02	10,050.0	4,330.4	803.9	4,330.7	0.00	0.00	0.00
16,600.0	90.00	0.02	10,050.0	4,430.4	803.9	4,430.7	0.00	0.00	0.00
16,700.0	90.00	0.02	10,050.0	4,530.4	803.9	4,530.7	0.00	0.00	0.00
16,800.0	90.00	0.02	10,050.0	4,630.4	804.0	4,630.7	0.00	0.00	0.00
16,900.0	90.00	0.02	10,050.0	4,730.4	804.0	4,730.7	0.00	0.00	0.00
17,000.0	90.00	0.02	10,050.0	4,830.4	804.0	4,830.7	0.00	0.00	0.00
17,100.0	90.00	0.02	10,050.0	4,930.4	804.1	4,930.7	0.00	0.00	0.00
17,200.0	90.00	0.02	10,050.0	5,030.4	804.1	5,030.7	0.00	0.00	0.00
17,300.0	90.00	0.02	10,050.0	5,130.4	804.1	5,130.7	0.00	0.00	0.00
17,400.0	90.00	0.02	10,050.0	5,230.4	804.2	5,230.7	0.00	0.00	0.00
17,500.0	90.00	0.02	10,050.0	5,330.4	804.2	5,330.7	0.00	0.00	0.00
17,600.0	90.00	0.02	10,050.0	5,430.4	804.2	5,430.7	0.00	0.00	0.00
17,700.0	90.00	0.02	10,050.0	5,530.4	804.3	5,530.7	0.00	0.00	0.00
17,800.0	90.00	0.02	10,050.0	5,630.4	804.3	5,630.7	0.00	0.00	0.00
17,900.0	90.00	0.02	10,050.0	5,730.4	804.4	5,730.7	0.00	0.00	0.00
18,000.0	90.00	0.02	10,050.0	5,830.4	804.4	5,830.7	0.00	0.00	0.00
18,100.0	90.00	0.02	10,050.0	5,930.4	804.4	5,930.7	0.00	0.00	0.00
18,200.0	90.00	0.02	10,050.0	6,030.4	804.5	6,030.7	0.00	0.00	0.00
18,300.0	90.00	0.02	10,050.0	6,130.4	804.5	6,130.7	0.00	0.00	0.00
18,400.0	90.00	0.02	10,050.0	6,230.4	804.5	6,230.7	0.00	0.00	0.00
18,500.0	90.00	0.02	10,050.0	6,330.4	804.6	6,330.7	0.00	0.00	0.00
18,600.0	90.00	0.02	10,050.0	6,430.4	804.6	6,430.7	0.00	0.00	0.00
18,700.0	90.00	0.02	10,050.0	6,530.4	804.6	6,530.7	0.00	0.00	0.00
18,800.0	90.00	0.02	10,050.0	6,630.4	804.7	6,630.7	0.00	0.00	0.00
18,900.0	90.00	0.02	10,050.0	6,730.4	804.7	6,730.7	0.00	0.00	0.00
19,000.0	90.00	0.02	10,050.0	6,830.4	804.7	6,830.7	0.00	0.00	0.00
19,100.0	90.00	0.02	10,050.0	6,930.4	804.8	6,930.7	0.00	0.00	0.00
19,200.0	90.00	0.02	10,050.0	7,030.4	804.8	7,030.7	0.00	0.00	0.00
19,300.0	90.00	0.02	10,050.0	7,130.4	804.8	7,130.7	0.00	0.00	0.00
19,400.0	90.00	0.02	10,050.0	7,230.4	804.9	7,230.7	0.00	0.00	0.00
19,500.0	90.00	0.02	10,050.0	7,330.4	804.9	7,330.7	0.00	0.00	0.00
19,600.0	90.00	0.02	10,050.0	7,430.4	804.9	7,430.7	0.00	0.00	0.00
19,700.0	90.00	0.02	10,050.0	7,530.4	805.0	7,530.7	0.00	0.00	0.00
19,800.0	90.00	0.02	10,050.0	7,630.4	805.0	7,630.7	0.00	0.00	0.00
19,900.0	90.00	0.02	10,050.0	7,730.4	805.0	7,730.7	0.00	0.00	0.00
20,000.0	90.00	0.02	10,050.0	7,830.4	805.1	7,830.7	0.00	0.00	0.00
20,100.0	90.00	0.02	10,050.0	7,930.4	805.1	7,930.7	0.00	0.00	0.00
20,200.0	90.00	0.02	10,050.0	8,030.4	805.2	8,030.7	0.00	0.00	0.00
20,300.0	90.00	0.02	10,050.0	8,130.4	805.2	8,130.7	0.00	0.00	0.00
20,400.0	90.00	0.02	10,050.0	8,230.4	805.2	8,230.7	0.00	0.00	0.00
20,500.0	90.00	0.02	10,050.0	8,330.4	805.3	8,330.7	0.00	0.00	0.00
20,600.0	90.00	0.02	10,050.0	8,430.4	805.3	8,430.7	0.00	0.00	0.00
20,700.0	90.00	0.02	10,050.0	8,530.4	805.3	8,530.7	0.00	0.00	0.00
20,800.0	90.00	0.02	10,050.0	8,630.4	805.4	8,630.7	0.00	0.00	0.00
20,900.0	90.00	0.02	10,050.0	8,730.4	805.4	8,730.7	0.00	0.00	0.00
21,000.0	90.00	0.02	10,050.0	8,830.4	805.4	8,830.7	0.00	0.00	0.00
21,100.0	90.00	0.02	10,050.0	8,930.4	805.5	8,930.7	0.00	0.00	0.00
21,200.0	90.00	0.02	10,050.0	9,030.4	805.5	9,030.7	0.00	0.00	0.00
21,300.0	90.00	0.02	10,050.0	9,130.4	805.5	9,130.7	0.00	0.00	0.00
21,400.0	90.00	0.02	10,050.0	9,230.4	805.6	9,230.7	0.00	0.00	0.00
21,500.0	90.00	0.02	10,050.0	9,330.4	805.6	9,330.7	0.00	0.00	0.00

Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	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)
21,600.0	90.00	0.02	10,050.0	9,430.4	805.6	9,430.7	0.00	0.00	0.00
21,700.0	90.00	0.02	10,050.0	9,530.4	805.7	9,530.7	0.00	0.00	0.00
21,800.0	90.00	0.02	10,050.0	9,630.4	805.7	9,630.7	0.00	0.00	0.00
21,900.0	90.00	0.02	10,050.0	9,730.4	805.7	9,730.7	0.00	0.00	0.00
22,000.0	90.00	0.02	10,050.0	9,830.4	805.8	9,830.7	0.00	0.00	0.00
22,100.0	90.00	0.02	10,050.0	9,930.4	805.8	9,930.7	0.00	0.00	0.00
22,200.0	90.00	0.02	10,050.0	10,030.4	805.9	10,030.7	0.00	0.00	0.00
22,300.0	90.00	0.02	10,050.0	10,130.4	805.9	10,130.7	0.00	0.00	0.00
22,400.0	90.00	0.02	10,050.0	10,230.4	805.9	10,230.7	0.00	0.00	0.00
22,500.0	90.00	0.02	10,050.0	10,330.4	806.0	10,330.7	0.00	0.00	0.00
22,600.0	90.00	0.02	10,050.0	10,430.4	806.0	10,430.7	0.00	0.00	0.00
22,700.0	90.00	0.02	10,050.0	10,530.4	806.0	10,530.7	0.00	0.00	0.00
22,800.0	90.00	0.02	10,050.0	10,630.4	806.1	10,630.7	0.00	0.00	0.00
22,865.2	90.00	0.02	10,050.0	10,695.6	806.1	10,695.9	0.00	0.00	0.00
22,900.0	90.00	0.02	10,050.0	10,730.4	806.1	10,730.7	0.00	0.00	0.00
22,915.2	90.00	0.02	10,050.0	10,745.6	806.1	10,745.9	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LTP 504H FINAL - hit/miss target - Shape	0.00	0.00	10,050.0	10,695.6	806.1	414,013.70	656,475.60	32° 8' 14.031 N	103° 49' 40.127 W
- plan misses target center by 0.1usft at 22865.2usft MD (10050.0 TVD, 10695.6 N, 806.1 E)									
- Point									
FTP 504H FINAL - hit/miss target - Shape	0.00	0.00	10,050.0	-1,929.7	664.4	401,388.40	656,333.90	32° 6' 9.096 N	103° 49' 42.463 W
- plan misses target center by 237.0usft at 10353.1usft MD (9883.0 TVD, -1763.9 N, 692.5 E)									
- Point									
BHL 504H FINAL - hit/miss target - Shape	0.00	0.00	10,050.0	10,745.6	806.1	414,063.70	656,475.60	32° 8' 14.526 N	103° 49' 40.125 W
- plan hits target center									
- Point									

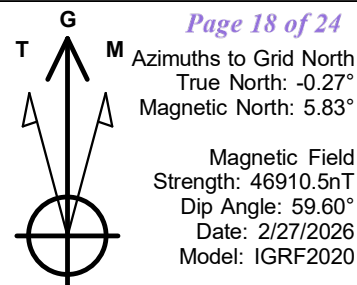
Planning Report

<b>Database:</b>	EDM 5000.18 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Poker Lake Unit 25 BD N 504H
<b>Company:</b>	ROC	<b>TVD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Project:</b>	PLU 25BD N - Eddy Co. (NAD 27 NMEZ)	<b>MD Reference:</b>	RKB30' @ 3371.0usft (HP508)
<b>Site:</b>	(HP 508) - PLU 25BD N - Pad B	<b>North Reference:</b>	Grid
<b>Well:</b>	Poker Lake Unit 25 BD N 504H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	ST01		
<b>Design:</b>	Plan 1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,025.2	1,025.1	Rustler				
1,291.7	1,291.7	Salado				
4,009.8	3,851.7	Base of Salt				
4,289.7	4,107.8	Delaware				
5,238.9	4,966.4	Cherry Canyon				
7,065.6	6,643.3	Brushy Canyon				
8,171.1	7,746.2	Basal Brushy Canyon				
8,369.1	7,944.2	Bone Spring Lm.				
8,524.5	8,099.6	Avalon				
8,886.8	8,461.9	Lower Avalon				
9,141.4	8,716.5	1st Bone Spring Lime				
9,345.8	8,920.9	1st Bone Spring Sand				
9,643.1	9,218.2	2nd Bone Spring Shale				
9,808.3	9,383.4	2nd Bone Spring Lime				
10,034.6	9,608.5	2nd Bone Spring Sand A Prime				
10,429.4	9,933.1	2nd Bone Spring Sand B				
10,801.9	10,050.0	Lower 2nd Bone Spring Sand Landing				



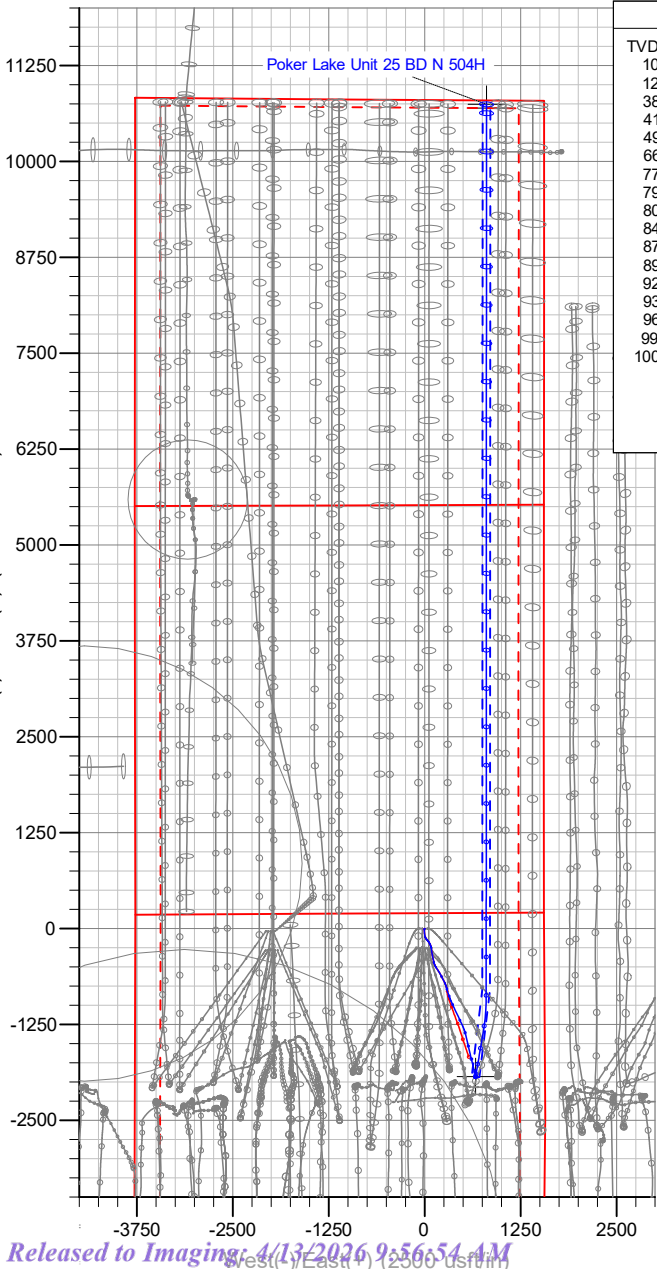
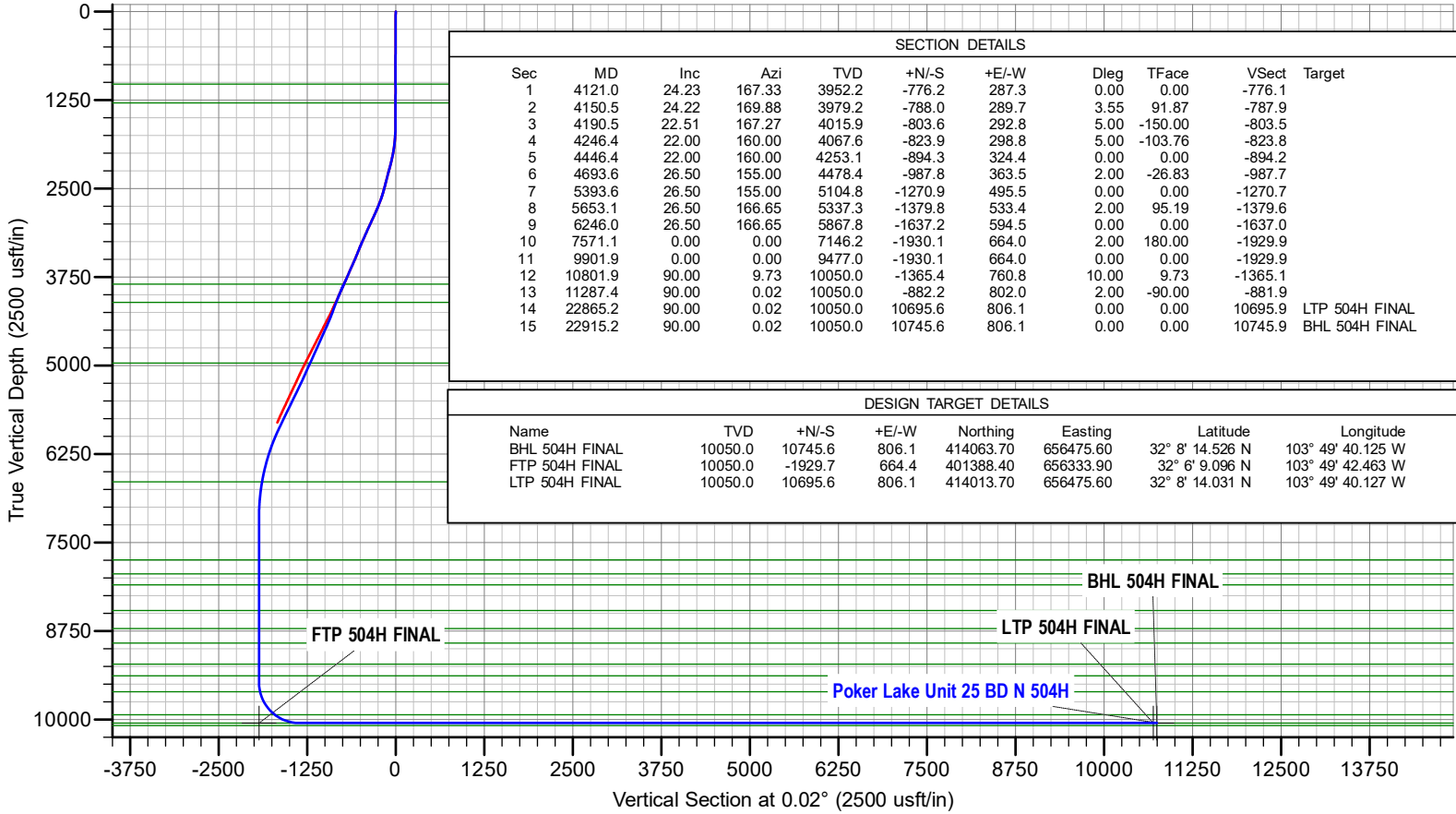
Project: PLU 25BD N - Eddy Co. (NAD 27 NMEZ)  
 Site: (HP 508) - PLU 25BD N - Pad B  
 Well: Poker Lake Unit 25 BD N 504H  
 Wellbore: ST01  
 Design: Plan 1



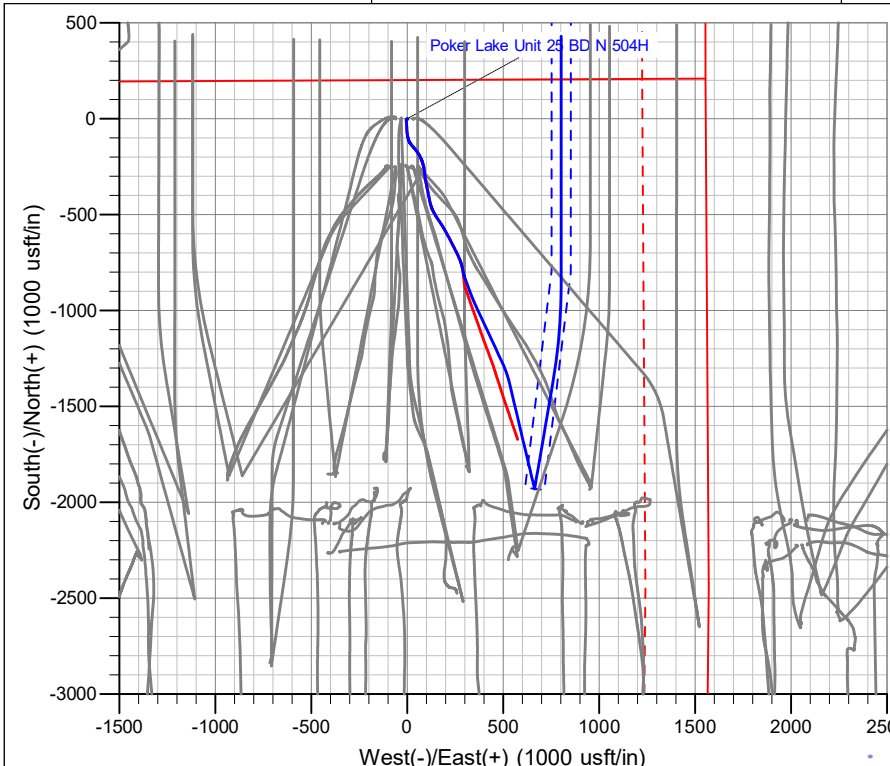
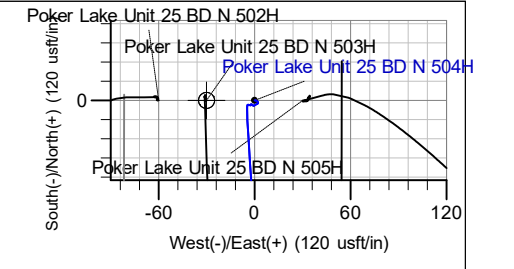
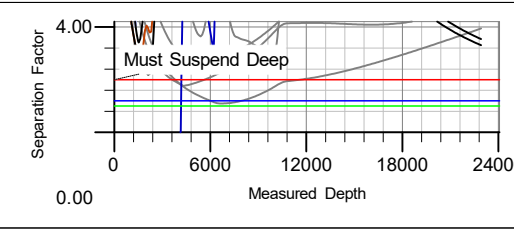
WELL DETAILS: Poker Lake Unit 25 BD N 504H

Ground Elevation: 3341.0  
 RKB Elevation: RKB30' @ 3371.0usft (HP508)  
 Rig Name: HP508

0.0 Northing 403318.09 Easting 655669.47 Latitude 32° 6' 28.223 N Longitude 103° 49' 50.083 W



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1025.2	1025.2	Rustler
1291.7	1291.7	Salado
3851.7	4009.8	Base of Salt
4107.8	4289.7	Delaware
4966.4	5238.9	Cherry Canyon
6643.3	7065.6	Brushy Canyon
7746.2	8171.1	Basal Brushy Canyon
7944.2	8369.1	Bone Spring Lm.
8099.6	8524.5	Avalon
8461.9	8886.8	Lower Avalon
8716.5	9141.4	1st Bone Spring Lime
8920.9	9345.8	1st Bone Spring Sand
9218.2	9643.1	2nd Bone Spring Shale
9383.4	9808.3	2nd Bone Spring Lime
9608.5	10034.6	2nd Bone Spring Sand A Prime
9933.1	10429.4	2nd Bone Spring Sand B
10050.0	10801.9	Lower 2nd Bone Spring Sand Landing



**Rajan, Vishal /CS**

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**From:** Metcalf, James J  
**Sent:** Friday, February 27, 2026 11:07 AM  
**To:** Stevens, Zota M  
**Cc:** Jones, Jennifer L; Lupold, Nathan A; Spacek, Kyle; Baker, Adrian; Garcia, Amanda  
**Subject:** RE: [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594  
**Attachments:** RE: [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

Zota,

Quick change of plans requested by the NMOCD. This only adds to the scope you previously approved, so we are moving forward in this direction.

Thank you,

**James J. Metcalf, III**  
Drilling Advisor  
**ExxonMobil**  
Permian Business Unit – Delaware Basin

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**From:** Stevens, Zota M <zstevens@blm.gov>  
**Sent:** Friday, February 27, 2026 6:05 AM  
**To:** Metcalf, James J <james.metcalf@exxonmobil.com>  
**Cc:** Jones, Jennifer L <jennifer.l.jones1@exxonmobil.com>; Lupold, Nathan A <nathan.a.lupold@exxonmobil.com>; Spacek, Kyle <kyle.spacek@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>  
**Subject:** Re: [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

**External Email - Think Before You Click**

James,  
You are approved. Submit an NOI sundry if you proceed with the sidetrack operation.

Zota Stevens  
Bureau of Land Management  
Petroleum Engineer  
Phone: 575.234.5998  
Cell: 575.361.8620  
Email: [zstevens@blm.gov](mailto:zstevens@blm.gov)

---

**From:** Metcalf, James J <[james.metcalf@exxonmobil.com](mailto:james.metcalf@exxonmobil.com)>  
**Sent:** Thursday, February 26, 2026 5:37 PM  
**To:** Stevens, Zota M <[zstevens@blm.gov](mailto:zstevens@blm.gov)>  
**Cc:** Jones, Jennifer L <[jennifer.l.jones1@exxonmobil.com](mailto:jennifer.l.jones1@exxonmobil.com)>; Lupold, Nathan A <[nathan.a.lupold@exxonmobil.com](mailto:nathan.a.lupold@exxonmobil.com)>;

Spacek, Kyle <[kyle.spacek@exxonmobil.com](mailto:kyle.spacek@exxonmobil.com)>; Baker, Adrian <[adrian.baker@exxonmobil.com](mailto:adrian.baker@exxonmobil.com)>; Garcia, Amanda <[amanda.garcia@exxonmobil.com](mailto:amanda.garcia@exxonmobil.com)>

**Subject:** [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

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

Zota,

Thank you for the call this evening. Per our conversation over the phone, we are currently fishing on H&P 508 on the Poker Lake Unit 25 BD N 504H \_ API 30-015-57594. If unsuccessful, we will elect to plug back the well and sidetrack in the Base of Salt or top of the Delaware, depending on where competent cement is found after placing plugs. We will follow up with sidetrack well plans and updated diagrams if we are unsuccessful fishing.

Thank you for allowing us to proceed with the following details, if necessary:

Base of Salt: 4,026' MD  
Delaware: 4,251' MD  
Cherry Canyon: 5,321' MD  
Bottom hole depth: 6,202' MD  
Est Top of Fish: 6,179' MD

Plug1 (Base Plug): M&P ~30 bbls cement from 4550' MD to 4900' MD (350')  
Plug 2 (Kick Off Plug): M&P ~70 bbls cement from 3550' MD to 4450' MD (900')

Thank you,

**James J. Metcalf, III**  
Drilling Advisor  
**ExxonMobil**  
Permian Business Unit – Delaware Basin

**Rajan, Vishal /CS**

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**From:** Metcalf, James J  
**Sent:** Friday, February 27, 2026 11:06 AM  
**To:** Cordero, Gilbert, EMNRD; Lupold, Nathan A; Garcia, Amanda; Baker, Adrian; Spacek, Kyle; jennifer.l.jones@exxonmobil.com; Rikala, Ward, EMNRD  
**Subject:** RE: [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

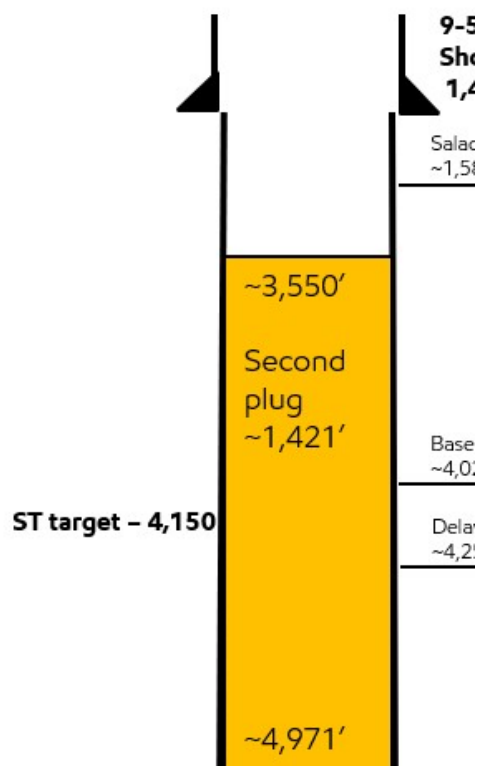
Gilbert/Ward,

Thank you for the conversation this morning. Per your requirements we will be isolating the Cherry Canyon from the Delaware and the Delaware from the Base of Salt. Our sidetrack strategy will remain unchanged. With the current bottom hole and fish in the Cherry Canyon, 800'+ above the Brushy Canyon, cement will not be placed directly on top of the fish. Please see image below.

Base of Salt: 4,026' MD  
Delaware: 4,251' MD  
Cherry Canyon: 5,321' MD  
Est Top of Fish: 6,179' MD  
Bottom hole depth: 6,202' MD  
Brushy Canyon (not penetrated): 7,066' MD

Plug1 (Base/Cherry Isolation Plug): M&P ~30 bbls 14.8 ppg cement from 4550' MD to 4900' MD (350' length) – TOC confirmed with TAG

Plug 2 (Kick Off/Delaware Isolation Plug): M&P ~110 bbls 17.5 ppg cement from 4971' MD to 3550' MD (1421' length) – TOC confirmed with TAG and ST operations



Thank you,

**James J. Metcalf, III**

Drilling Advisor

**ExxonMobil**

Permian Business Unit – Delaware Basin

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**From:** Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>

**Sent:** Friday, February 27, 2026 8:27 AM

**To:** Metcalf, James J <james.metcalf@exxonmobil.com>; Lupold, Nathan A <nathan.a.lupold@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Spacek, Kyle <kyle.spacek@exxonmobil.com>; jennifer.l.jones@exxonmobil.com; Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>

**Subject:** RE: [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

**External Email - Think Before You Click**

Good morning James,

Just to clarify about the afterhours number, it is for emergency calls.

On the fish left in the hole, you will need to see if you can pump cement down and cement the fish in place ending with cement top at 6100’ – WOC and Tag. – Top of Brushy  
Spot cement from 5400’ to 5200’ – WOC & Tag – T Cherry  
Spot cement from 4300’ to 4100’ – WOC & Tag – T Delaware

Please keep OCD informed on job progress.

Thank you,

Gilbert Cordero  
Petroleum Supervisor  
575-626-0830

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**From:** Metcalf, James J <[james.metcalf@exxonmobil.com](mailto:james.metcalf@exxonmobil.com)>  
**Sent:** Thursday, February 26, 2026 5:45 PM  
**To:** Engineer, OCD, EMNRD <[OCD.Engineer@emnrd.nm.gov](mailto:OCD.Engineer@emnrd.nm.gov)>  
**Cc:** Lupold, Nathan A <[nathan.a.lupold@exxonmobil.com](mailto:nathan.a.lupold@exxonmobil.com)>; Garcia, Amanda <[amanda.garcia@exxonmobil.com](mailto:amanda.garcia@exxonmobil.com)>; Baker, Adrian <[adrian.baker@exxonmobil.com](mailto:adrian.baker@exxonmobil.com)>; Spacek, Kyle <[kyle.spacek@exxonmobil.com](mailto:kyle.spacek@exxonmobil.com)>; Jones, Jennifer L <[jennifer.l.jones1@exxonmobil.com](mailto:jennifer.l.jones1@exxonmobil.com)>; Rikala, Ward, EMNRD <[Ward.Rikala@emnrd.nm.gov](mailto:Ward.Rikala@emnrd.nm.gov)>  
**Subject:** [EXTERNAL] Plug Back & ST \_ Poker Lake Unit 25 BD N 504H \_ API 30-015-57594

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good evening,

We will be pumping cement on the subject well later tonight / early morning in order to plug back above a fish and sidetrack. I called the afterhours contact to discuss this, but I have not received any response so I am sending details to the [ocd.engineer@emnrd.nm.gov](mailto:ocd.engineer@emnrd.nm.gov) as we have done in the past. I discussed with BLM and received their approval to proceed with the plan forward. I am copying Ward for visibility.

We are currently fishing on H&P 508 on the Poker Lake Unit 25 BD N 504H \_ API 30-015-57594. If unsuccessful, we will elect to plug back the well and sidetrack in the Base of Salt or top of the Delaware, depending on where competent cement is found after placing plugs. We will follow up with sidetrack well plans and updated diagrams if we are unsuccessful fishing.

Base of Salt: 4,026' MD  
Delaware: 4,251' MD  
Cherry Canyon: 5,321' MD  
Bottom hole depth: 6,202' MD  
Est Top of Fish: 6,179' MD

Plug1 (Base Plug): M&P ~30 bbls cement from 4550' MD to 4900' MD (350')  
Plug 2 (Kick Off Plug): M&P ~70 bbls cement from 3550' MD to 4450' MD (900')

Thank you,

**James J. Metcalf, III**  
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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 567617

**CONDITIONS**

Operator: XTO PERMIAN OPERATING LLC. 3617 Big Spring St. MIDLAND, TX 79705	OGRID: 373075
	Action Number: 567617
	Action Type: [C-103Z] Sub. General Sundry (C-103Z)

**CONDITIONS**

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/13/2026