

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

Well Name: BIG EDDY UNIT DI 31W 10-7	Well Location: T20S / R31E / SEC 10 / SESW / 32.583273 / -103.858816	County or Parish/State: EDDY / NM
Well Number: 5H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC068399	Unit or CA Name: BIG EDDY	Unit or CA Number: NMNM68294X
US Well Number: 3001557367	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2902434

Type of Submission: Notice of Intent

Type of Action: Drilling Operations

Date Sundry Submitted: 03/25/2026

Time Sundry Submitted: 11:44

Date proposed operation will begin: 03/23/2026

Procedure Description: Big Eddy Unit DI 31W 10-7 5H US Well Number: 30-015-57367 XTO Permian Operating LLC., encountered unexpected challenges while drilling the Int2 section of this well which led to a decision to plug back & initiate a sidetrack operation. XTO Permian Operating LLC., respectfully requests approval to move forward with the plugging & sidetrack operations. Verbal/email approval was obtained from Zota Stevens, Petroleum Engineer with BLM-Carlsbad on March 21st, 2026, to proceed with our plan. Event summary, current status and proposed plan forward mentioned below for your review - Event Summary During drilling of the Intermediate 2 section at 3,204 ft MD, the rig experienced a power supply failure that resulted in loss of pumping and rotation. After restoring power, the rig crew attempted to pick up and move the drill string but were unsuccessful, with the string becoming stuck between approximately 3,180–3,204 ft (bit depth). The well remains stable with no losses or indications of influx. Current operations are focused on recovering and freeing the drill string, working the pipe with jars. Current Status • Working pipe with jars. • Hole stable with full returns and no losses / influx / BH instability signs Plan Forward (in case of not be able to free pipe) Pump P&A Cement plug + Run OH Whipstock for ST Summary of activities: 1. Run combined string (5.5) and balance cement plug (14.8 ppg slurry) from TOF to 50' inside ICP1 2. WOC until get 1000 psi cement CS (~9 hrs) 3. Run Calibration BHA with 2 mill, tag/confirm TOC and dress off to 2700' (Whipstock Depth) 4. Run and orient whipstock, set whipstock according to directional plan i. Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF 5. ST with mill assy (2x Bit to bend length) 6. Circulate btm up and TOO H for Conv motor BHA 7. P/U and RIH 1.83°BH and drill rat hole extension until free of Mags i. WL gyro check shots until MWD free of mags 8. Cont drilling to TD. Attachments: Well Summary (includes proposed procedure & well bore schematic) Directional Survey Well Plan View Verbal/Email Approval from BLM

Well Name: BIG EDDY UNIT DI 31W 10-7

Well Location: T20S / R31E / SEC 10 / SESW / 32.583273 / -103.858816

County or Parish/State: EDDY / NM

Well Number: 5H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC068399

Unit or CA Name: BIG EDDY

Unit or CA Number: NMNM68294X

US Well Number: 3001557367

Operator: XTO PERMIAN OPERATING LLC

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Sundry_Attachment__BEU_DI_31W_10_7_5H__P_A_and_ST_20260325114158.pdf

Operator

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

Operator Electronic Signature: SRINIVAS LAGHUVARAPU

Signed on: MAR 25, 2026 11:44 AM

Name: XTO PERMIAN OPERATING LLC

Title: REGULATORY ANALYST

Street Address: 22777 SPRINGWOODS VILLAGE PARKWAY

City: SPRING **State:** TX

Phone: (720) 539-1673

Email address: SRINIVAS.N.LAGHUVARAPU@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: 04/01/2026

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.
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 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.)

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

THE SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect 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

on recovering and freeing the drill string, working the pipe with jars.

Current Status

Working pipe with jars.

Hole stable with full returns and no losses / influx / BH instability signs

Plan Forward (in case of not be able to free pipe)

Pump P&A Cement plug + Run OH Whipstock for ST

Summary of activities:

1. Run combined string (5.5) and balance cement plug (14.8 ppg slurry) from TOF to 50 inside ICP1
2. WOC until get 1000 psi cement CS (~9 hrs)
3. Run Calibration BHA with 2 mill, tag/confirm TOC and dress off to 2700 (Whipstock Depth)
4. Run and orient whipstock, set whipstock according to directional plan
 - i. Tie in: Survey @ 2612, Beginning of ST 2700 MD. Used 5DLS to -120 TF
5. ST with mill assy (2x Bit to bend length)
6. Circulate btm up and TOO H for Conv motor BHA
7. P/U and RIH 1.83BH and drill rat hole extension until free of Mags
 - i. WL gyro check shots until MWD free of mags
8. Cont drilling to TD.

Attachments:

Well Summary (includes proposed procedure & well bore schematic)

Directional Survey

Well Plan View

Verbal/Email Approval from BLM

Location of Well

0. SHL: SESW / 955 FSL / 2079 FWL / TWSP: 20S / RANGE: 31E / SECTION: 10 / LAT: 32.583273 / LONG: -103.858816 (TVD: 0 feet, MD: 0 feet)

PPP: SESW / 616 FSL / 2643 FEL / TWSP: 20S / RANGE: 31E / SECTION: 9 / LAT: 32.582354 / LONG: -103.874145 (TVD: 9253 feet, MD: 14900 feet)

PPP: SESW / 616 FSL / 2534 FWL / TWSP: 20S / RANGE: 31E / SECTION: 10 / LAT: 32.582342 / LONG: -103.85734 (TVD: 9253 feet, MD: 9700 feet)

BHL: LOT 4 / 616 FSL / 50 FWL / TWSP: 20S / RANGE: 31E / SECTION: 7 / LAT: 32.582375 / LONG: -103.916884 (TVD: 9253 feet, MD: 27403 feet)

XTO Permian Operating LLC
Big Eddy Unit DI 31W 10-7 5H
30-015-57367

Well Summary

Event Summary

During drilling of the Intermediate 2 section at 3,204 ft MD, the rig experienced a power-supply failure that resulted in loss of pumping and rotation. After restoring power, the rig crew attempted to pick up and move the drill string but were unsuccessful, with the string becoming stuck between approximately 3,180–3,204 ft (bit depth). The well remains stable with no losses or indications of influx. Current operations are focused on recovering and freeing the drill string, working the pipe with jars.

Current Status

- Working pipe with jars.
- Hole stable with full returns and no losses / influx / BH instability signs

Plan Forward (in case of not be able to free pipe)

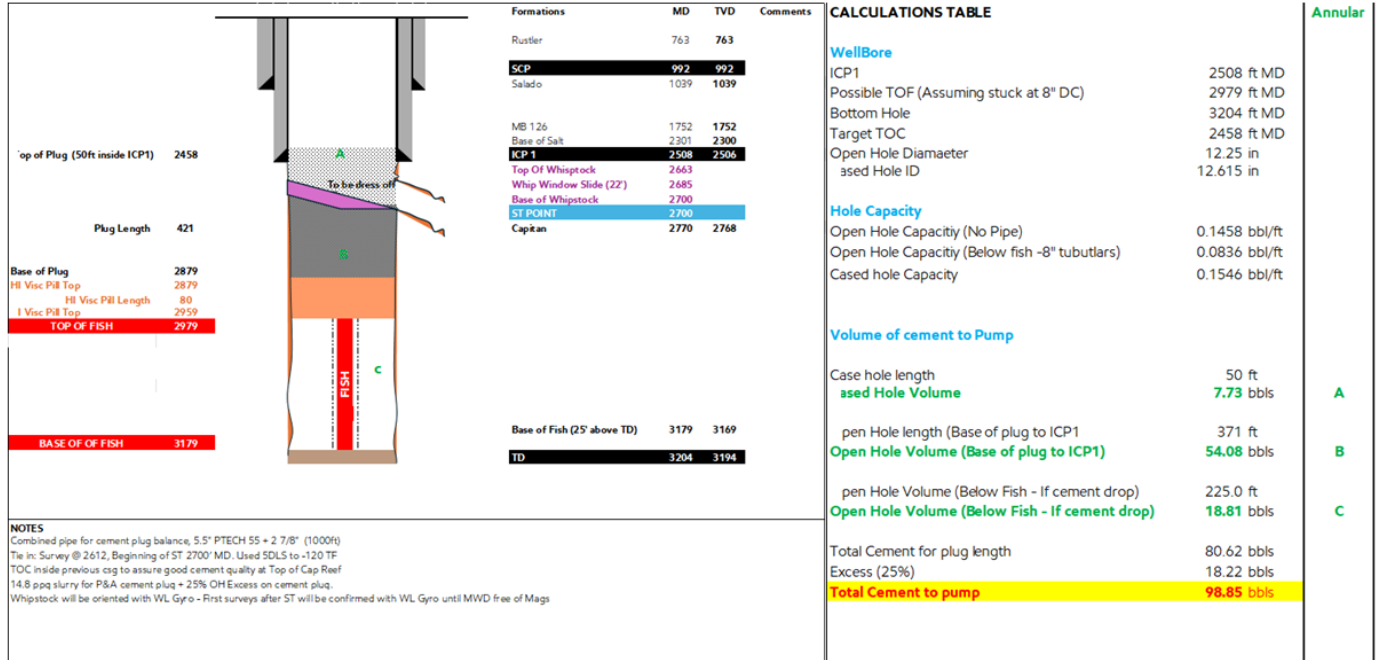
Pump P&A Cement plug + Run OH Whipstock for ST

1. **Summary of activities:**

1. Run combined string (5.5) and balance cement plug (14.8 ppg slurry) from TOF to 50' inside ICP1
2. WOC until get 1000 psi cement CS (~9 hrs)
3. Run Calibration BHA with 2 mill, tag/confirm TOC and dress off to 2700' (Whipstock Depth)
4. Run and orient whipstock, set whipstock according to directional plan
 - i. Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF
5. ST with mill assy (2x Bit to bend length)
6. Circulate btm up and TOOH for Conv motor BHA
7. P/U and RIH 1.83°BH and drill rat hole extension until free of Mags
 - i. WL gyro check shots until MWD free of mags
8. Continue drilling to TD

**XTO Permian Operating LLC
Big Eddy Unit DI 31W 10-7 5H
30-015-57367**

Well bore schematic



XTO Permian Operating LLC
Big Eddy Unit DI 31W 10-7 5H
30-015-57367

Cement Slurry Design with 14.8 ppg Slurry

HALLIBURTON

Permian Basin, Odessa

Lab Results- PLUG

Job Information

Request/Slurry	2951955/1	Rig Name	NABORS X34	Date	21/MAR/2026
Submitted By	Natalie Baptista	Job Type	WHIPSTOCK PLUG	Bulk Plant	Odessa, TX
Customer	XTO	Location	EDDY	Well	BEU DI 31W 10 7 5H

Well Information

Casing/Liner Size		Depth MD	2979 ft	BHST	100°F
Hole Size	12.25 in	Depth TVD	2979 ft	BHCT	90°F

Cement Information - Plug Design

Conc	UOM	Cement/Additive	Cement Properties	
		HslCem	Slurry Density	14.8 lbm/gal
100	% BWOC	Buzzi Unicem Class C	Slurry Yield	1.34 ft ³ /sack
6.46	gal/sack	Fresh Water	Water Requirement	6.46 gal/sack
0.2	% BWOC	CFR-3		
0.4	% BWOC	Halad-344 NAL		

	95 F
50 PSI UCA @	3:54
100 PSI UCA @	4:23
500 PSI UCA @	6:20
1000 PSI UCA @	8:41
2000 PSI UCA @	23:00
	PSI
8hrs	875
12 hrs	1412
16 hrs	1714
24 hrs	2185

Pilot Test Results Request ID 2951955/2

Mixability (0 - 5) - 0 is not mixable

Mixability Rating (0 - 5)	Avg. RPM Mixing Under Load (-12,000)	Blend Addition Time (sec) @ 4,000 RPM
4	12000	20

UCA Comp. Strength

End Temp. (degF)	Pressure (psi)	50 psi (HH:MM)	100 psi (HH:MM)	500 psi (HH:MM)	1000 psi (HH:MM)	8hr CS (psi)	12 hr CS (psi)	16 hr CS (psi)	24 hr CS (psi)	End CS (psi)	End Time (hrs)
95	3000	03:54	04:23	06:20	08:41	875	1412	1714	2185	2300	26

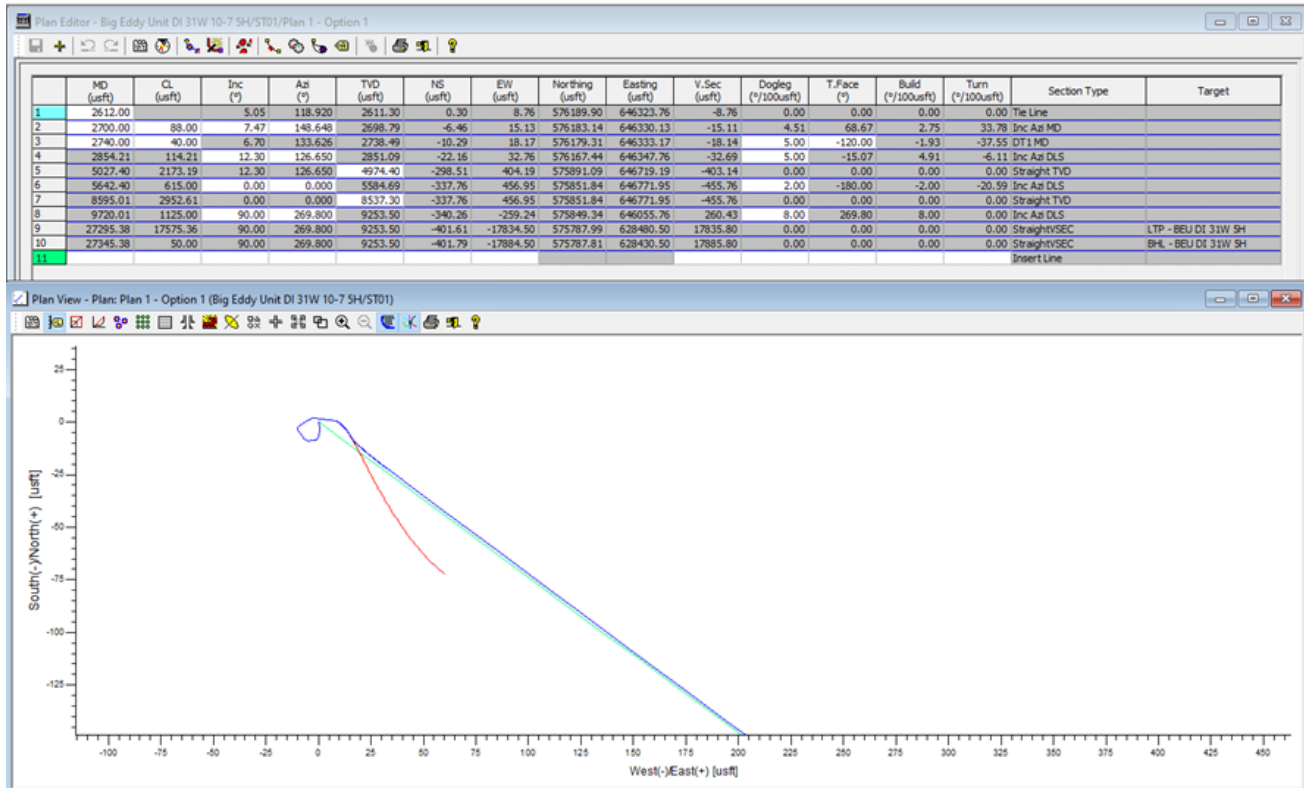
Thickening Time - ON-OFF-ON

Test Temp. (degF)	Pressure (psi)	Reached In (min)	50 BC (HH:MM)	70 BC (HH:MM)	Start BC	Static Period (min)	Stirring Before Stop (min)	Termination Time (HH:MM)	Termination BC
85	1500	20	02:35	03:07	28.1	30	30	04:26	90.8

XTO Permian Operating LLC
Big Eddy Unit DI 31W 10-7 5H
30-015-57367

Directional Plan

Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF



ROC

Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME
(X34) - BEU DI 31 West - Plans
Big Eddy Unit DI 31W 10-7 5H

ST01

Plan: Plan 1 - Definitive

Standard Planning Report

23 March, 2026

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

Project	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME, DSCDS5 ROC POD 2		
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	(X34) - BEU DI 31 West - Plans				
Site Position:		Northing:	576,189.70 usft	Latitude:	32° 34' 59.352 N
From:	Map	Easting:	646,345.00 usft	Longitude:	103° 51' 29.575 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	Big Eddy Unit DI 31W 10-7 5H					
Well Position	+N/-S	0.0 usft	Northing:	576,189.60 usft	Latitude:	32° 34' 59.352 N
	+E/-W	0.0 usft	Easting:	646,315.00 usft	Longitude:	103° 51' 29.926 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	usft	Ground Level:	3,471.0 usft
Grid Convergence:	0.26 °					

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	7.91	60.52	48,977.61664734

Design	Plan 1 - Definitive				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	2,612.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	269.80	

Plan Survey Tool Program	Date	3/23/2026			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	2,612.0	27,344.7	Plan 1 - Definitive (ST01)	XOMR2_OWSG MWD+IFR1+ OWSG MWD + IFR1 + Multi-St	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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
2,612.0	5.05	118.92	2,611.3	0.3	8.8	0.00	0.00	0.00	0.00	
2,663.0	6.26	138.96	2,662.1	-2.9	12.6	4.51	2.37	39.29	68.74	
2,685.0	8.07	128.84	2,683.9	-4.8	14.5	10.00	8.23	-46.02	-40.00	
2,715.0	10.94	123.42	2,713.5	-7.6	18.6	10.00	9.56	-18.05	-20.00	
2,782.7	12.10	126.90	2,779.8	-15.4	29.6	2.00	1.72	5.14	32.55	
5,027.2	12.10	126.90	4,974.4	-297.9	405.8	0.00	0.00	0.00	0.00	
5,632.2	0.00	0.00	5,574.9	-336.1	456.7	2.00	-2.00	-20.98	-180.00	
8,594.5	0.00	0.00	8,537.3	-336.1	456.7	0.00	0.00	0.00	0.00	
9,719.5	90.00	269.80	9,253.5	-338.6	-259.5	8.00	8.00	0.00	269.80	
27,294.7	90.00	269.80	9,253.5	-400.0	-17,834.5	0.00	0.00	0.00	0.00	LTP - BEU DI 31W 5H
27,344.7	90.00	269.80	9,253.5	-400.2	-17,884.5	0.00	0.00	0.00	0.00	BHL - BEU DI 31W 5H

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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)	
2,612.0	5.05	118.92	2,611.3	0.3	8.8	-8.8	0.00	0.00	0.00	
2,663.0	6.26	138.96	2,662.1	-2.9	12.6	-12.5	4.51	2.37	39.29	
2,685.0	8.07	128.84	2,683.9	-4.8	14.5	-14.5	10.00	8.23	-46.02	
2,700.0	9.49	125.72	2,698.7	-6.1	16.4	-16.3	10.00	9.49	-20.75	
2,715.0	10.94	123.42	2,713.5	-7.6	18.6	-18.5	10.00	9.62	-15.35	
2,782.7	12.10	126.90	2,779.8	-15.4	29.6	-29.5	2.00	1.72	5.14	
2,800.0	12.10	126.90	2,796.7	-17.6	32.5	-32.4	0.00	0.00	0.00	
2,900.0	12.10	126.90	2,894.5	-30.2	49.3	-49.2	0.00	0.00	0.00	
3,000.0	12.10	126.90	2,992.3	-42.8	66.0	-65.9	0.00	0.00	0.00	
3,100.0	12.10	126.90	3,090.1	-55.4	82.8	-82.6	0.00	0.00	0.00	
3,200.0	12.10	126.90	3,187.8	-68.0	99.5	-99.3	0.00	0.00	0.00	
3,300.0	12.10	126.90	3,285.6	-80.6	116.3	-116.0	0.00	0.00	0.00	
3,400.0	12.10	126.90	3,383.4	-93.1	133.1	-132.7	0.00	0.00	0.00	
3,500.0	12.10	126.90	3,481.2	-105.7	149.8	-149.5	0.00	0.00	0.00	
3,600.0	12.10	126.90	3,579.0	-118.3	166.6	-166.2	0.00	0.00	0.00	
3,700.0	12.10	126.90	3,676.7	-130.9	183.4	-182.9	0.00	0.00	0.00	
3,800.0	12.10	126.90	3,774.5	-143.5	200.1	-199.6	0.00	0.00	0.00	
3,900.0	12.10	126.90	3,872.3	-156.1	216.9	-216.3	0.00	0.00	0.00	
4,000.0	12.10	126.90	3,970.1	-168.7	233.6	-233.1	0.00	0.00	0.00	
4,100.0	12.10	126.90	4,067.8	-181.2	250.4	-249.8	0.00	0.00	0.00	
4,200.0	12.10	126.90	4,165.6	-193.8	267.2	-266.5	0.00	0.00	0.00	
4,300.0	12.10	126.90	4,263.4	-206.4	283.9	-283.2	0.00	0.00	0.00	
4,400.0	12.10	126.90	4,361.2	-219.0	300.7	-299.9	0.00	0.00	0.00	
4,500.0	12.10	126.90	4,459.0	-231.6	317.5	-316.6	0.00	0.00	0.00	
4,600.0	12.10	126.90	4,556.7	-244.2	334.2	-333.4	0.00	0.00	0.00	
4,700.0	12.10	126.90	4,654.5	-256.8	351.0	-350.1	0.00	0.00	0.00	
4,800.0	12.10	126.90	4,752.3	-269.3	367.8	-366.8	0.00	0.00	0.00	
4,900.0	12.10	126.90	4,850.1	-281.9	384.5	-383.5	0.00	0.00	0.00	
5,000.0	12.10	126.90	4,947.8	-294.5	401.3	-400.2	0.00	0.00	0.00	
5,027.2	12.10	126.90	4,974.4	-297.9	405.8	-404.8	0.00	0.00	0.00	
5,100.0	10.64	126.90	5,045.8	-306.6	417.3	-416.2	2.00	-2.00	0.00	
5,200.0	8.64	126.90	5,144.4	-316.6	430.7	-429.6	2.00	-2.00	0.00	
5,300.0	6.64	126.90	5,243.5	-324.6	441.3	-440.2	2.00	-2.00	0.00	
5,400.0	4.64	126.90	5,343.0	-330.5	449.2	-448.0	2.00	-2.00	0.00	
5,500.0	2.64	126.90	5,442.8	-334.3	454.3	-453.1	2.00	-2.00	0.00	
5,600.0	0.64	126.90	5,542.8	-336.0	456.6	-455.4	2.00	-2.00	0.00	
5,632.2	0.00	0.00	5,574.9	-336.1	456.7	-455.5	2.00	-2.00	-394.66	
5,700.0	0.00	0.00	5,642.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,742.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,842.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,942.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,042.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,142.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,242.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,342.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,442.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,542.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,642.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,742.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,842.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,942.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,042.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,142.8	-336.1	456.7	-455.5	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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)	
7,300.0	0.00	0.00	7,242.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,342.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,442.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,542.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,642.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,742.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,842.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,942.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,042.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,142.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,242.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,342.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,442.8	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,594.5	0.00	0.00	8,537.3	-336.1	456.7	-455.5	0.00	0.00	0.00	
8,600.0	0.44	269.80	8,542.8	-336.1	456.7	-455.5	8.00	8.00	-1,652.45	
8,700.0	8.44	269.80	8,642.4	-336.2	449.0	-447.8	8.00	8.00	0.00	
8,800.0	16.44	269.80	8,740.0	-336.2	427.5	-426.3	8.00	8.00	0.00	
8,900.0	24.44	269.80	8,833.6	-336.4	392.6	-391.4	8.00	8.00	0.00	
9,000.0	32.44	269.80	8,921.4	-336.5	345.0	-343.8	8.00	8.00	0.00	
9,100.0	40.44	269.80	9,001.8	-336.7	285.6	-284.5	8.00	8.00	0.00	
9,200.0	48.44	269.80	9,073.2	-337.0	215.7	-214.5	8.00	8.00	0.00	
9,300.0	56.44	269.80	9,134.1	-337.3	136.5	-135.3	8.00	8.00	0.00	
9,400.0	64.44	269.80	9,183.4	-337.6	49.6	-48.4	8.00	8.00	0.00	
9,500.0	72.44	269.80	9,220.1	-337.9	-43.3	44.5	8.00	8.00	0.00	
9,600.0	80.44	269.80	9,243.5	-338.2	-140.5	141.7	8.00	8.00	0.00	
9,700.0	88.44	269.80	9,253.2	-338.6	-239.9	241.1	8.00	8.00	0.00	
9,719.5	90.00	269.80	9,253.5	-338.6	-259.5	260.7	8.00	8.00	0.00	
9,800.0	90.00	269.80	9,253.5	-338.9	-339.9	341.1	0.00	0.00	0.00	
9,900.0	90.00	269.80	9,253.5	-339.3	-439.9	441.1	0.00	0.00	0.00	
10,000.0	90.00	269.80	9,253.5	-339.6	-539.9	541.1	0.00	0.00	0.00	
10,100.0	90.00	269.80	9,253.5	-340.0	-639.9	641.1	0.00	0.00	0.00	
10,200.0	90.00	269.80	9,253.5	-340.3	-739.9	741.1	0.00	0.00	0.00	
10,300.0	90.00	269.80	9,253.5	-340.7	-839.9	841.1	0.00	0.00	0.00	
10,400.0	90.00	269.80	9,253.5	-341.0	-939.9	941.1	0.00	0.00	0.00	
10,500.0	90.00	269.80	9,253.5	-341.4	-1,039.9	1,041.1	0.00	0.00	0.00	
10,600.0	90.00	269.80	9,253.5	-341.7	-1,139.9	1,141.1	0.00	0.00	0.00	
10,700.0	90.00	269.80	9,253.5	-342.1	-1,239.9	1,241.1	0.00	0.00	0.00	
10,800.0	90.00	269.80	9,253.5	-342.4	-1,339.9	1,341.1	0.00	0.00	0.00	
10,900.0	90.00	269.80	9,253.5	-342.8	-1,439.9	1,441.1	0.00	0.00	0.00	
11,000.0	90.00	269.80	9,253.5	-343.1	-1,539.9	1,541.1	0.00	0.00	0.00	
11,100.0	90.00	269.80	9,253.5	-343.5	-1,639.9	1,641.1	0.00	0.00	0.00	
11,200.0	90.00	269.80	9,253.5	-343.8	-1,739.9	1,741.1	0.00	0.00	0.00	
11,300.0	90.00	269.80	9,253.5	-344.2	-1,839.9	1,841.1	0.00	0.00	0.00	
11,400.0	90.00	269.80	9,253.5	-344.5	-1,939.9	1,941.1	0.00	0.00	0.00	
11,500.0	90.00	269.80	9,253.5	-344.9	-2,039.9	2,041.1	0.00	0.00	0.00	
11,600.0	90.00	269.80	9,253.5	-345.2	-2,139.9	2,141.1	0.00	0.00	0.00	
11,700.0	90.00	269.80	9,253.5	-345.6	-2,239.9	2,241.1	0.00	0.00	0.00	
11,800.0	90.00	269.80	9,253.5	-345.9	-2,339.9	2,341.1	0.00	0.00	0.00	
11,900.0	90.00	269.80	9,253.5	-346.3	-2,439.9	2,441.1	0.00	0.00	0.00	
12,000.0	90.00	269.80	9,253.5	-346.6	-2,539.9	2,541.1	0.00	0.00	0.00	
12,100.0	90.00	269.80	9,253.5	-347.0	-2,639.9	2,641.1	0.00	0.00	0.00	
12,200.0	90.00	269.80	9,253.5	-347.3	-2,739.9	2,741.1	0.00	0.00	0.00	
12,300.0	90.00	269.80	9,253.5	-347.7	-2,839.9	2,841.1	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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)	
12,400.0	90.00	269.80	9,253.5	-348.0	-2,939.9	2,941.1	0.00	0.00	0.00	
12,500.0	90.00	269.80	9,253.5	-348.4	-3,039.9	3,041.1	0.00	0.00	0.00	
12,600.0	90.00	269.80	9,253.5	-348.7	-3,139.9	3,141.1	0.00	0.00	0.00	
12,700.0	90.00	269.80	9,253.5	-349.0	-3,239.9	3,241.1	0.00	0.00	0.00	
12,800.0	90.00	269.80	9,253.5	-349.4	-3,339.9	3,341.1	0.00	0.00	0.00	
12,900.0	90.00	269.80	9,253.5	-349.7	-3,439.9	3,441.1	0.00	0.00	0.00	
13,000.0	90.00	269.80	9,253.5	-350.1	-3,539.9	3,541.1	0.00	0.00	0.00	
13,100.0	90.00	269.80	9,253.5	-350.4	-3,639.9	3,641.1	0.00	0.00	0.00	
13,200.0	90.00	269.80	9,253.5	-350.8	-3,739.9	3,741.1	0.00	0.00	0.00	
13,300.0	90.00	269.80	9,253.5	-351.1	-3,839.9	3,841.1	0.00	0.00	0.00	
13,400.0	90.00	269.80	9,253.5	-351.5	-3,939.9	3,941.1	0.00	0.00	0.00	
13,500.0	90.00	269.80	9,253.5	-351.8	-4,039.9	4,041.1	0.00	0.00	0.00	
13,600.0	90.00	269.80	9,253.5	-352.2	-4,139.9	4,141.1	0.00	0.00	0.00	
13,700.0	90.00	269.80	9,253.5	-352.5	-4,239.9	4,241.1	0.00	0.00	0.00	
13,800.0	90.00	269.80	9,253.5	-352.9	-4,339.9	4,341.1	0.00	0.00	0.00	
13,900.0	90.00	269.80	9,253.5	-353.2	-4,439.9	4,441.1	0.00	0.00	0.00	
14,000.0	90.00	269.80	9,253.5	-353.6	-4,539.9	4,541.1	0.00	0.00	0.00	
14,100.0	90.00	269.80	9,253.5	-353.9	-4,639.9	4,641.1	0.00	0.00	0.00	
14,200.0	90.00	269.80	9,253.5	-354.3	-4,739.9	4,741.1	0.00	0.00	0.00	
14,300.0	90.00	269.80	9,253.5	-354.6	-4,839.9	4,841.1	0.00	0.00	0.00	
14,400.0	90.00	269.80	9,253.5	-355.0	-4,939.9	4,941.1	0.00	0.00	0.00	
14,500.0	90.00	269.80	9,253.5	-355.3	-5,039.9	5,041.1	0.00	0.00	0.00	
14,600.0	90.00	269.80	9,253.5	-355.7	-5,139.9	5,141.1	0.00	0.00	0.00	
14,700.0	90.00	269.80	9,253.5	-356.0	-5,239.9	5,241.1	0.00	0.00	0.00	
14,800.0	90.00	269.80	9,253.5	-356.4	-5,339.9	5,341.1	0.00	0.00	0.00	
14,900.0	90.00	269.80	9,253.5	-356.7	-5,439.9	5,441.1	0.00	0.00	0.00	
15,000.0	90.00	269.80	9,253.5	-357.1	-5,539.9	5,541.1	0.00	0.00	0.00	
15,100.0	90.00	269.80	9,253.5	-357.4	-5,639.9	5,641.1	0.00	0.00	0.00	
15,200.0	90.00	269.80	9,253.5	-357.8	-5,739.9	5,741.1	0.00	0.00	0.00	
15,300.0	90.00	269.80	9,253.5	-358.1	-5,839.9	5,841.1	0.00	0.00	0.00	
15,400.0	90.00	269.80	9,253.5	-358.5	-5,939.9	5,941.1	0.00	0.00	0.00	
15,500.0	90.00	269.80	9,253.5	-358.8	-6,039.9	6,041.1	0.00	0.00	0.00	
15,600.0	90.00	269.80	9,253.5	-359.2	-6,139.9	6,141.1	0.00	0.00	0.00	
15,700.0	90.00	269.80	9,253.5	-359.5	-6,239.9	6,241.1	0.00	0.00	0.00	
15,800.0	90.00	269.80	9,253.5	-359.9	-6,339.9	6,341.1	0.00	0.00	0.00	
15,900.0	90.00	269.80	9,253.5	-360.2	-6,439.9	6,441.1	0.00	0.00	0.00	
16,000.0	90.00	269.80	9,253.5	-360.6	-6,539.9	6,541.1	0.00	0.00	0.00	
16,100.0	90.00	269.80	9,253.5	-360.9	-6,639.9	6,641.1	0.00	0.00	0.00	
16,200.0	90.00	269.80	9,253.5	-361.3	-6,739.9	6,741.1	0.00	0.00	0.00	
16,300.0	90.00	269.80	9,253.5	-361.6	-6,839.9	6,841.1	0.00	0.00	0.00	
16,400.0	90.00	269.80	9,253.5	-362.0	-6,939.9	6,941.1	0.00	0.00	0.00	
16,500.0	90.00	269.80	9,253.5	-362.3	-7,039.9	7,041.1	0.00	0.00	0.00	
16,600.0	90.00	269.80	9,253.5	-362.7	-7,139.9	7,141.1	0.00	0.00	0.00	
16,700.0	90.00	269.80	9,253.5	-363.0	-7,239.9	7,241.1	0.00	0.00	0.00	
16,800.0	90.00	269.80	9,253.5	-363.4	-7,339.9	7,341.1	0.00	0.00	0.00	
16,900.0	90.00	269.80	9,253.5	-363.7	-7,439.9	7,441.1	0.00	0.00	0.00	
17,000.0	90.00	269.80	9,253.5	-364.1	-7,539.9	7,541.1	0.00	0.00	0.00	
17,100.0	90.00	269.80	9,253.5	-364.4	-7,639.9	7,641.1	0.00	0.00	0.00	
17,200.0	90.00	269.80	9,253.5	-364.8	-7,739.9	7,741.1	0.00	0.00	0.00	
17,300.0	90.00	269.80	9,253.5	-365.1	-7,839.9	7,841.1	0.00	0.00	0.00	
17,400.0	90.00	269.80	9,253.5	-365.5	-7,939.9	7,941.1	0.00	0.00	0.00	
17,500.0	90.00	269.80	9,253.5	-365.8	-8,039.9	8,041.1	0.00	0.00	0.00	
17,600.0	90.00	269.80	9,253.5	-366.2	-8,139.9	8,141.1	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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)	
17,700.0	90.00	269.80	9,253.5	-366.5	-8,239.9	8,241.1	0.00	0.00	0.00	
17,800.0	90.00	269.80	9,253.5	-366.9	-8,339.9	8,341.1	0.00	0.00	0.00	
17,900.0	90.00	269.80	9,253.5	-367.2	-8,439.9	8,441.1	0.00	0.00	0.00	
18,000.0	90.00	269.80	9,253.5	-367.5	-8,539.9	8,541.1	0.00	0.00	0.00	
18,100.0	90.00	269.80	9,253.5	-367.9	-8,639.9	8,641.1	0.00	0.00	0.00	
18,200.0	90.00	269.80	9,253.5	-368.2	-8,739.9	8,741.1	0.00	0.00	0.00	
18,300.0	90.00	269.80	9,253.5	-368.6	-8,839.9	8,841.1	0.00	0.00	0.00	
18,400.0	90.00	269.80	9,253.5	-368.9	-8,939.9	8,941.1	0.00	0.00	0.00	
18,500.0	90.00	269.80	9,253.5	-369.3	-9,039.9	9,041.1	0.00	0.00	0.00	
18,600.0	90.00	269.80	9,253.5	-369.6	-9,139.9	9,141.1	0.00	0.00	0.00	
18,700.0	90.00	269.80	9,253.5	-370.0	-9,239.9	9,241.1	0.00	0.00	0.00	
18,800.0	90.00	269.80	9,253.5	-370.3	-9,339.9	9,341.1	0.00	0.00	0.00	
18,900.0	90.00	269.80	9,253.5	-370.7	-9,439.9	9,441.1	0.00	0.00	0.00	
19,000.0	90.00	269.80	9,253.5	-371.0	-9,539.9	9,541.1	0.00	0.00	0.00	
19,100.0	90.00	269.80	9,253.5	-371.4	-9,639.9	9,641.1	0.00	0.00	0.00	
19,200.0	90.00	269.80	9,253.5	-371.7	-9,739.9	9,741.1	0.00	0.00	0.00	
19,300.0	90.00	269.80	9,253.5	-372.1	-9,839.9	9,841.1	0.00	0.00	0.00	
19,400.0	90.00	269.80	9,253.5	-372.4	-9,939.9	9,941.1	0.00	0.00	0.00	
19,500.0	90.00	269.80	9,253.5	-372.8	-10,039.9	10,041.1	0.00	0.00	0.00	
19,600.0	90.00	269.80	9,253.5	-373.1	-10,139.9	10,141.1	0.00	0.00	0.00	
19,700.0	90.00	269.80	9,253.5	-373.5	-10,239.9	10,241.1	0.00	0.00	0.00	
19,800.0	90.00	269.80	9,253.5	-373.8	-10,339.9	10,341.1	0.00	0.00	0.00	
19,900.0	90.00	269.80	9,253.5	-374.2	-10,439.9	10,441.1	0.00	0.00	0.00	
20,000.0	90.00	269.80	9,253.5	-374.5	-10,539.9	10,541.1	0.00	0.00	0.00	
20,100.0	90.00	269.80	9,253.5	-374.9	-10,639.9	10,641.1	0.00	0.00	0.00	
20,200.0	90.00	269.80	9,253.5	-375.2	-10,739.9	10,741.1	0.00	0.00	0.00	
20,300.0	90.00	269.80	9,253.5	-375.6	-10,839.9	10,841.1	0.00	0.00	0.00	
20,400.0	90.00	269.80	9,253.5	-375.9	-10,939.9	10,941.1	0.00	0.00	0.00	
20,500.0	90.00	269.80	9,253.5	-376.3	-11,039.9	11,041.1	0.00	0.00	0.00	
20,600.0	90.00	269.80	9,253.5	-376.6	-11,139.9	11,141.1	0.00	0.00	0.00	
20,700.0	90.00	269.80	9,253.5	-377.0	-11,239.9	11,241.1	0.00	0.00	0.00	
20,800.0	90.00	269.80	9,253.5	-377.3	-11,339.9	11,341.1	0.00	0.00	0.00	
20,900.0	90.00	269.80	9,253.5	-377.7	-11,439.9	11,441.1	0.00	0.00	0.00	
21,000.0	90.00	269.80	9,253.5	-378.0	-11,539.9	11,541.1	0.00	0.00	0.00	
21,100.0	90.00	269.80	9,253.5	-378.4	-11,639.9	11,641.1	0.00	0.00	0.00	
21,200.0	90.00	269.80	9,253.5	-378.7	-11,739.9	11,741.1	0.00	0.00	0.00	
21,300.0	90.00	269.80	9,253.5	-379.1	-11,839.9	11,841.1	0.00	0.00	0.00	
21,400.0	90.00	269.80	9,253.5	-379.4	-11,939.9	11,941.1	0.00	0.00	0.00	
21,500.0	90.00	269.80	9,253.5	-379.8	-12,039.9	12,041.1	0.00	0.00	0.00	
21,600.0	90.00	269.80	9,253.5	-380.1	-12,139.9	12,141.1	0.00	0.00	0.00	
21,700.0	90.00	269.80	9,253.5	-380.5	-12,239.9	12,241.1	0.00	0.00	0.00	
21,800.0	90.00	269.80	9,253.5	-380.8	-12,339.9	12,341.1	0.00	0.00	0.00	
21,900.0	90.00	269.80	9,253.5	-381.2	-12,439.9	12,441.1	0.00	0.00	0.00	
22,000.0	90.00	269.80	9,253.5	-381.5	-12,539.8	12,541.1	0.00	0.00	0.00	
22,100.0	90.00	269.80	9,253.5	-381.9	-12,639.8	12,641.1	0.00	0.00	0.00	
22,200.0	90.00	269.80	9,253.5	-382.2	-12,739.8	12,741.1	0.00	0.00	0.00	
22,300.0	90.00	269.80	9,253.5	-382.6	-12,839.8	12,841.1	0.00	0.00	0.00	
22,400.0	90.00	269.80	9,253.5	-382.9	-12,939.8	12,941.1	0.00	0.00	0.00	
22,500.0	90.00	269.80	9,253.5	-383.3	-13,039.8	13,041.1	0.00	0.00	0.00	
22,600.0	90.00	269.80	9,253.5	-383.6	-13,139.8	13,141.1	0.00	0.00	0.00	
22,700.0	90.00	269.80	9,253.5	-384.0	-13,239.8	13,241.1	0.00	0.00	0.00	
22,800.0	90.00	269.80	9,253.5	-384.3	-13,339.8	13,341.1	0.00	0.00	0.00	
22,900.0	90.00	269.80	9,253.5	-384.7	-13,439.8	13,441.1	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

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)	
23,000.0	90.00	269.80	9,253.5	-385.0	-13,539.8	13,541.1	0.00	0.00	0.00	
23,100.0	90.00	269.80	9,253.5	-385.4	-13,639.8	13,641.1	0.00	0.00	0.00	
23,200.0	90.00	269.80	9,253.5	-385.7	-13,739.8	13,741.1	0.00	0.00	0.00	
23,300.0	90.00	269.80	9,253.5	-386.0	-13,839.8	13,841.1	0.00	0.00	0.00	
23,400.0	90.00	269.80	9,253.5	-386.4	-13,939.8	13,941.1	0.00	0.00	0.00	
23,500.0	90.00	269.80	9,253.5	-386.7	-14,039.8	14,041.1	0.00	0.00	0.00	
23,600.0	90.00	269.80	9,253.5	-387.1	-14,139.8	14,141.1	0.00	0.00	0.00	
23,700.0	90.00	269.80	9,253.5	-387.4	-14,239.8	14,241.1	0.00	0.00	0.00	
23,800.0	90.00	269.80	9,253.5	-387.8	-14,339.8	14,341.1	0.00	0.00	0.00	
23,900.0	90.00	269.80	9,253.5	-388.1	-14,439.8	14,441.1	0.00	0.00	0.00	
24,000.0	90.00	269.80	9,253.5	-388.5	-14,539.8	14,541.1	0.00	0.00	0.00	
24,100.0	90.00	269.80	9,253.5	-388.8	-14,639.8	14,641.1	0.00	0.00	0.00	
24,200.0	90.00	269.80	9,253.5	-389.2	-14,739.8	14,741.1	0.00	0.00	0.00	
24,300.0	90.00	269.80	9,253.5	-389.5	-14,839.8	14,841.1	0.00	0.00	0.00	
24,400.0	90.00	269.80	9,253.5	-389.9	-14,939.8	14,941.1	0.00	0.00	0.00	
24,500.0	90.00	269.80	9,253.5	-390.2	-15,039.8	15,041.1	0.00	0.00	0.00	
24,600.0	90.00	269.80	9,253.5	-390.6	-15,139.8	15,141.1	0.00	0.00	0.00	
24,700.0	90.00	269.80	9,253.5	-390.9	-15,239.8	15,241.1	0.00	0.00	0.00	
24,800.0	90.00	269.80	9,253.5	-391.3	-15,339.8	15,341.1	0.00	0.00	0.00	
24,900.0	90.00	269.80	9,253.5	-391.6	-15,439.8	15,441.1	0.00	0.00	0.00	
25,000.0	90.00	269.80	9,253.5	-392.0	-15,539.8	15,541.1	0.00	0.00	0.00	
25,100.0	90.00	269.80	9,253.5	-392.3	-15,639.8	15,641.1	0.00	0.00	0.00	
25,200.0	90.00	269.80	9,253.5	-392.7	-15,739.8	15,741.1	0.00	0.00	0.00	
25,300.0	90.00	269.80	9,253.5	-393.0	-15,839.8	15,841.1	0.00	0.00	0.00	
25,400.0	90.00	269.80	9,253.5	-393.4	-15,939.8	15,941.1	0.00	0.00	0.00	
25,500.0	90.00	269.80	9,253.5	-393.7	-16,039.8	16,041.1	0.00	0.00	0.00	
25,600.0	90.00	269.80	9,253.5	-394.1	-16,139.8	16,141.1	0.00	0.00	0.00	
25,700.0	90.00	269.80	9,253.5	-394.4	-16,239.8	16,241.1	0.00	0.00	0.00	
25,800.0	90.00	269.80	9,253.5	-394.8	-16,339.8	16,341.1	0.00	0.00	0.00	
25,900.0	90.00	269.80	9,253.5	-395.1	-16,439.8	16,441.1	0.00	0.00	0.00	
26,000.0	90.00	269.80	9,253.5	-395.5	-16,539.8	16,541.1	0.00	0.00	0.00	
26,100.0	90.00	269.80	9,253.5	-395.8	-16,639.8	16,641.1	0.00	0.00	0.00	
26,200.0	90.00	269.80	9,253.5	-396.2	-16,739.8	16,741.1	0.00	0.00	0.00	
26,300.0	90.00	269.80	9,253.5	-396.5	-16,839.8	16,841.1	0.00	0.00	0.00	
26,400.0	90.00	269.80	9,253.5	-396.9	-16,939.8	16,941.1	0.00	0.00	0.00	
26,500.0	90.00	269.80	9,253.5	-397.2	-17,039.8	17,041.1	0.00	0.00	0.00	
26,600.0	90.00	269.80	9,253.5	-397.6	-17,139.8	17,141.1	0.00	0.00	0.00	
26,700.0	90.00	269.80	9,253.5	-397.9	-17,239.8	17,241.1	0.00	0.00	0.00	
26,800.0	90.00	269.80	9,253.5	-398.3	-17,339.8	17,341.1	0.00	0.00	0.00	
26,900.0	90.00	269.80	9,253.5	-398.6	-17,439.8	17,441.1	0.00	0.00	0.00	
27,000.0	90.00	269.80	9,253.5	-399.0	-17,539.8	17,541.1	0.00	0.00	0.00	
27,100.0	90.00	269.80	9,253.5	-399.3	-17,639.8	17,641.1	0.00	0.00	0.00	
27,200.0	90.00	269.80	9,253.5	-399.7	-17,739.8	17,741.1	0.00	0.00	0.00	
27,294.7	90.00	269.80	9,253.5	-400.0	-17,834.5	17,835.8	0.00	0.00	0.00	
27,300.0	90.00	269.80	9,253.5	-400.0	-17,839.8	17,841.1	0.00	0.00	0.00	
27,344.7	90.00	269.80	9,253.5	-400.2	-17,884.5	17,885.8	0.00	0.00	0.00	

Planning Report

Database:	EDM 5000.18 Single User Db	Local Co-ordinate Reference:	Well Big Eddy Unit DI 31W 10-7 5H
Company:	ROC	TVD Reference:	RKB 32.5' @ 3503.5usft (X34)
Project:	Big Eddy Unit DI 31 West - Eddy Co. - NAD 27 NME	MD Reference:	RKB 32.5' @ 3503.5usft (X34)
Site:	(X34) - BEU DI 31 West - Plans	North Reference:	Grid
Well:	Big Eddy Unit DI 31W 10-7 5H	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST01		
Design:	Plan 1 - Definitive		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
BHL - BEU DI 31W 5H - plan misses target center by 1.4usft at 27344.7usft MD (9253.5 TVD, -400.2 N, -17884.5 E) - Point	0.00	0.00	9,253.5	-401.6	-17,884.5	575,788.00	628,430.50	32° 34' 56.120 N	103° 54' 58.966 W
FTP - BEU DI 31W 5H - plan misses target center by 296.2usft at 9160.5usft MD (9046.2 TVD, -336.9 N, 244.5 E) - Point	0.00	0.00	9,253.5	-337.0	456.0	575,852.60	646,771.00	32° 34' 55.997 N	103° 51' 24.614 W
LTP - BEU DI 31W 5H - plan misses target center by 1.2usft at 27294.7usft MD (9253.5 TVD, -400.0 N, -17834.5 E) - Point	0.00	0.00	9,253.5	-401.2	-17,834.5	575,788.40	628,480.50	32° 34' 56.122 N	103° 54' 58.382 W

Site: (X34) - BEU DI 31 West - Plans
 Well: Big Eddy Unit DI 31W 10-7 5H
 Wellbore: ST01
 Design: Plan 1 - Definitive

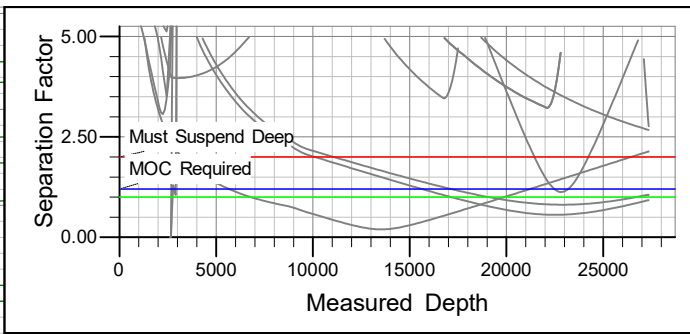
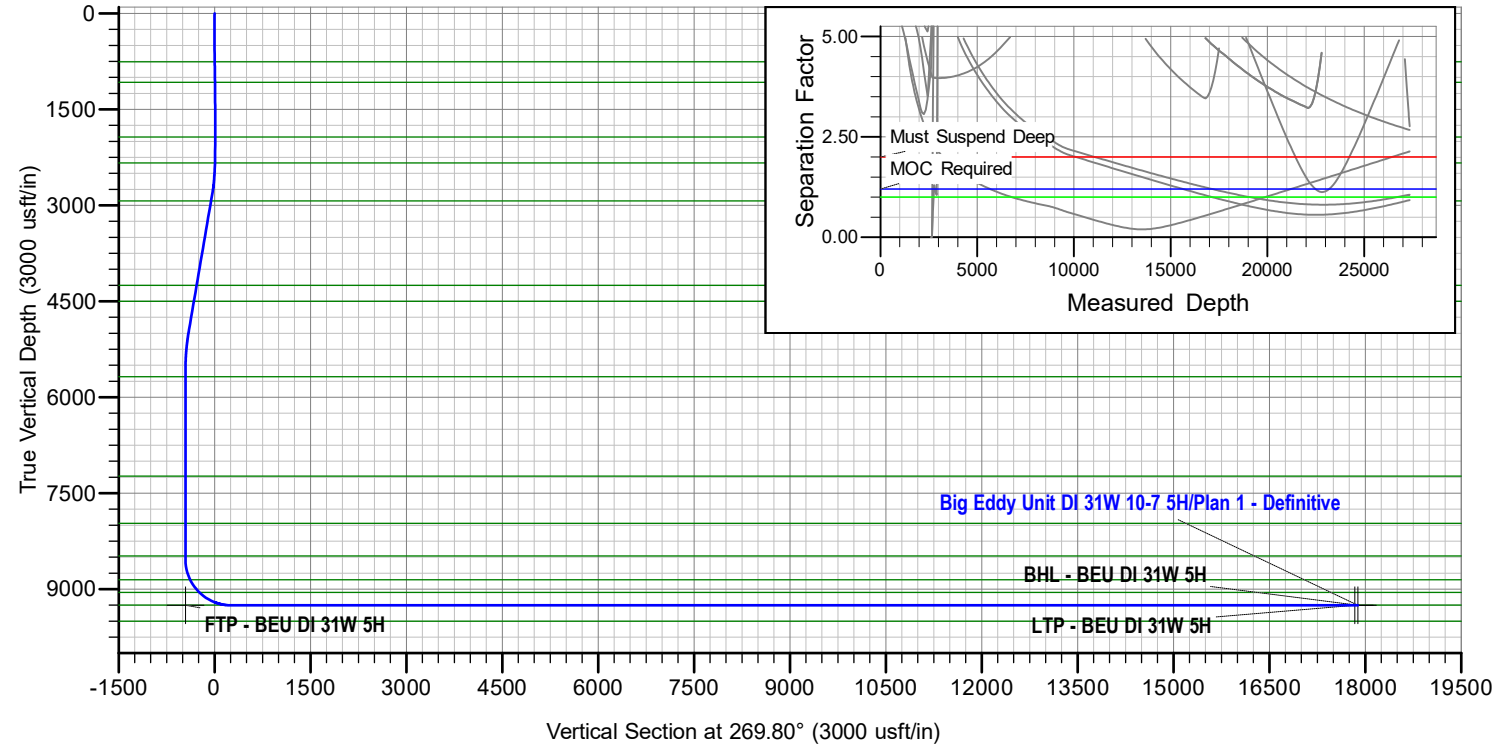
WELL DETAILS: Big Eddy Unit DI 31W 10-7 5H

Ground Elevation: 3471.0
 RKB Elevation: RKB 32.5' @ 3503.5usft (X34)
 Rig Name: X34

	Northing	Easting	Latitude	Longitude
0.0	576189.60	646315.00	32° 34' 59.352 N	103° 51' 29.926 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - BEU DI 31W 5H	9253.5	-401.6	-17884.5	575788.00	628430.50	32° 34' 56.120 N	103° 54' 58.966 W
FTP - BEU DI 31W 5H	9253.5	-337.0	456.0	575852.60	646771.00	32° 34' 55.997 N	103° 51' 24.614 W
LTP - BEU DI 31W 5H	9253.5	-401.2	-17834.5	575788.40	628480.50	32° 34' 56.122 N	103° 54' 58.382 W



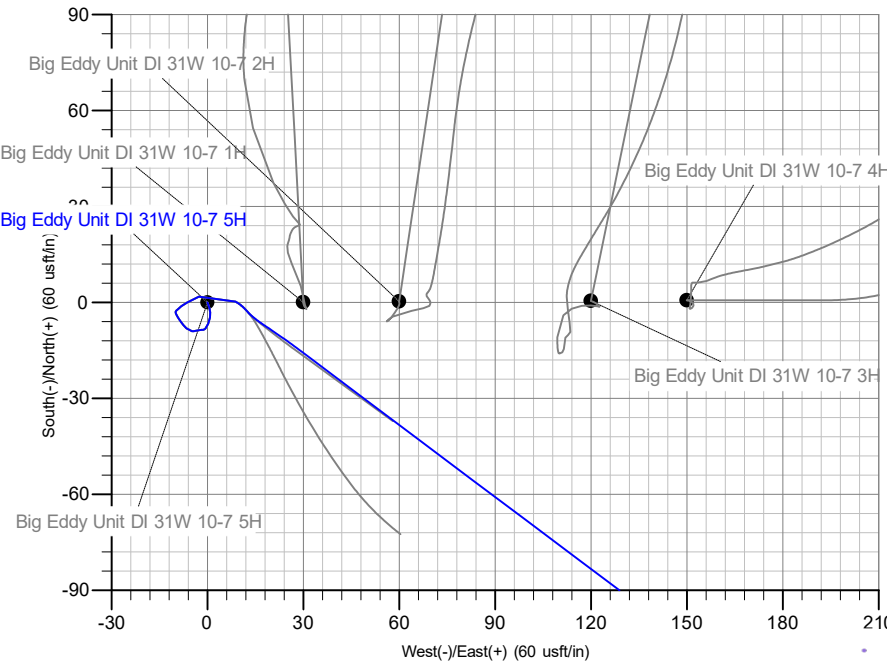
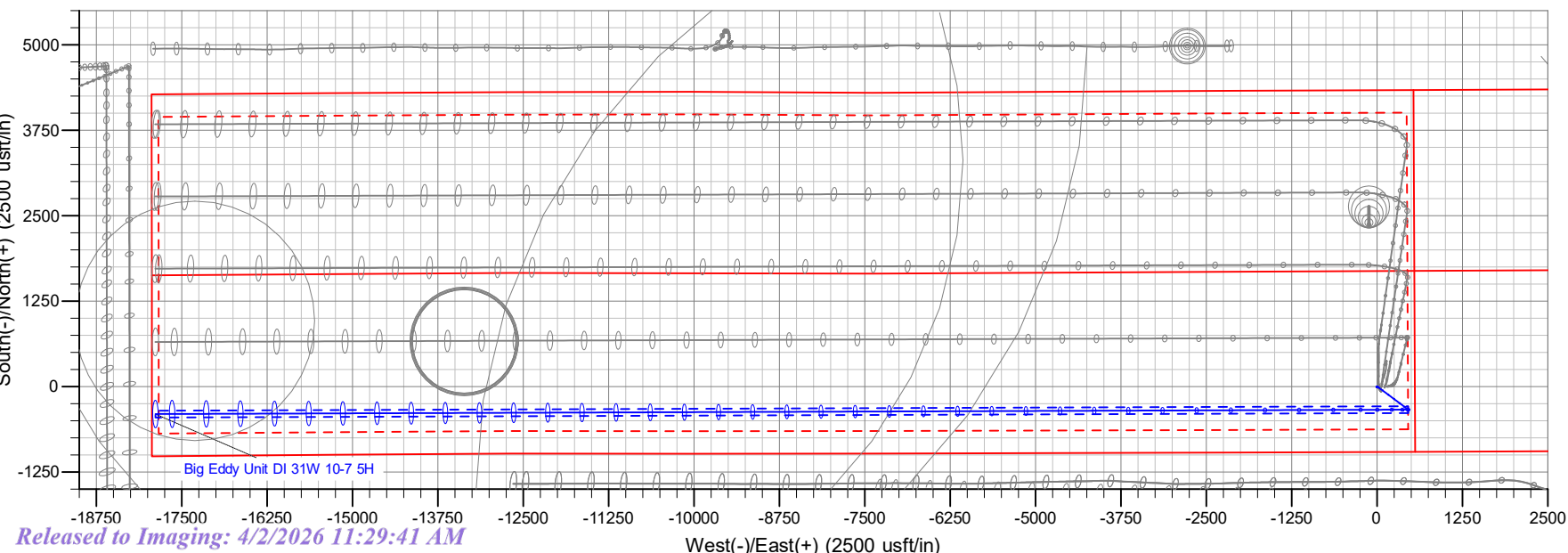
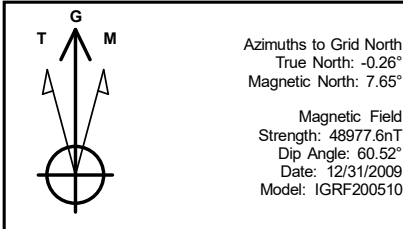
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
2612.0	5.05	118.92	2611.3	0.3	8.8	0.00	0.00	-8.8	
2663.0	6.26	138.96	2662.1	-2.9	12.6	4.51	68.74	-12.5	
2685.0	8.07	128.84	2683.9	-4.8	14.5	10.00	-40.00	-14.5	
2715.0	10.94	123.42	2713.5	-7.6	18.6	10.00	-20.00	-18.5	
2782.7	12.10	126.90	2779.8	-15.4	29.6	2.00	32.55	-29.5	
5027.2	12.10	126.90	4974.4	-297.9	405.8	0.00	0.00	-404.8	
5032.2	0.00	0.00	5574.9	-336.1	456.7	2.00	-180.00	-455.5	
8	8594.5	0.00	0.00	8537.3	-336.1	456.7	0.00	0.00	-455.5
9	9719.5	90.00	269.80	9253.5	-338.6	-259.5	8.00	269.80	260.7
10	27294.7	90.00	269.80	9253.5	-400.0	-17834.5	0.00	0.00	17835.8 LTP - BEU DI 31W 5H
1	27344.7	90.00	269.80	9253.5	-400.2	-17884.5	0.00	0.00	17885.8 BHL - BEU DI 31W 5H



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
757.0	757.1	Rustler
1077.1	1077.3	Salado
1931.5	1931.6	MB-126
2337.6	2337.8	Base of Salt
2932.5	2938.9	Capitan
4247.2	4283.4	Delaware
4496.9	4538.8	Cherry Canyon
5680.1	5737.3	Brushy Canyon
7234.6	7291.8	Bone Spring Lm.
7970.5	8027.7	Avalon
8480.9	8538.1	1st Bone Spring Sand
8854.6	8923.3	2nd Bone Spring Lime
9050.8	9167.1	2nd Bone Spring Sand
9253.5	9719.5	2nd Bone Spring Sand Upper Landing



Laghuvarapu, Srinivas Naveen

Subject: Email Approval from BLM - BEU DI 31W - 5H - P&A and ST proposal

From: Stevens, Zota M <zstevens@blm.gov>

Sent: Saturday, March 21, 2026 7:49 PM

To: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>

Cc: Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J <james.metcalf@exxonmobil.com>; Fleming, James Owen <james.o.fleming@exxonmobil.com>; DSCENG5 DrillingSupportCenter <DSCENG5@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>

Subject: Re: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

Good Evening,

You are approved for this procedure. Submit a NOI sundry with all relevant documents(directional plan, drilling plan(if any casing plan changes from the original AAPD).

Zota Stevens

Bureau of Land Management

Petroleum Engineer

Phone: 575.234.5998

Cell: 575.361.8620

Email: zstevens@blm.gov

From: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>

Sent: Saturday, March 21, 2026 6:36 PM

To: Stevens, Zota M <zstevens@blm.gov>

Cc: Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J <james.metcalf@exxonmobil.com>; Fleming, James Owen <james.o.fleming@exxonmobil.com>; DSCENG5 DrillingSupportCenter <DSCENG5@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>

Subject: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

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

Zota

According to our conversation please find the **final proposal for P&A and ST BEU DI31W-5H**

Event Summary

During drilling of the Intermediate 2 section at 3,204 ft MD, the rig experienced a power-supply failure that resulted in loss of pumping and rotation. After restoring power, the rig crew attempted to pick up and move the drill string but were unsuccessful, with the string becoming stuck between approximately 3,180–3,204 ft (bit depth). The well remains stable with no losses or indications of influx. Current operations are focused on recovering and freeing the drill string, working the pipe with jars.

Current Status

- Working pipe with jars.
- Hole stable with full returns and no losses / influx / BH instability signs

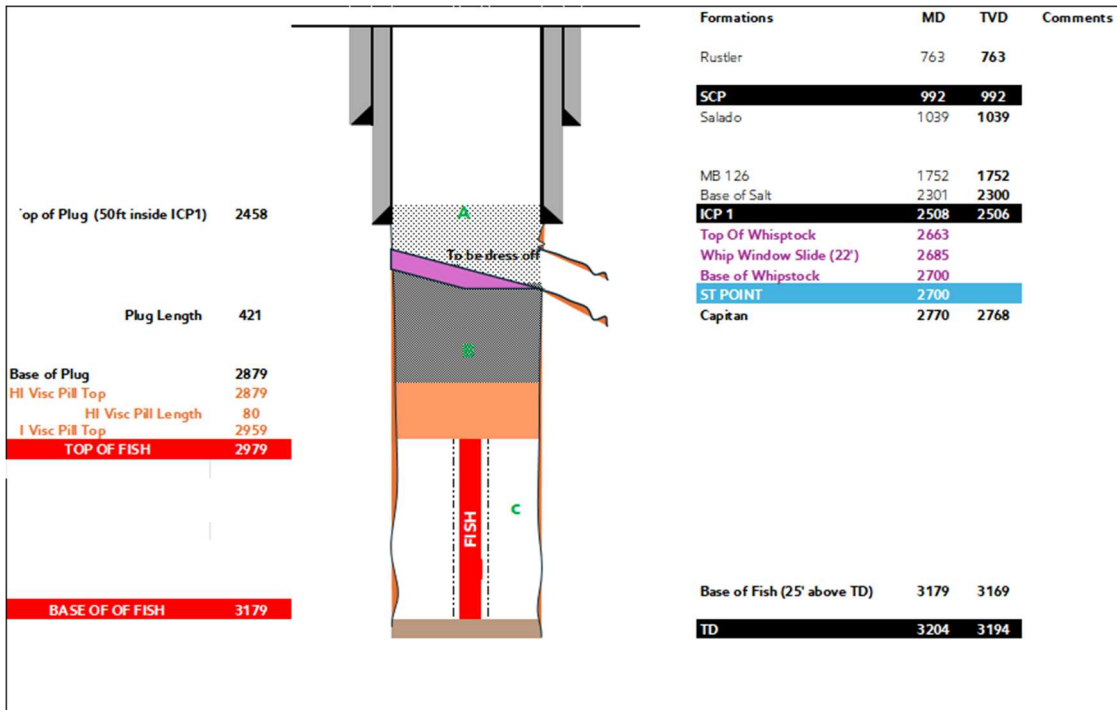
Plan Forward (in case of not be able to free pipe)

Pump P&A Cement plug + Run OH Whipstock for ST

1. Summary of activities:

1. Run combined string (5.5) and balance cement plug (14.8 ppg slurry) from TOF to 50' inside ICP1
2. WOC until get 1000 psi cement CS (~9 hrs)
3. Run Calibration BHA with 2 mill, tag/confirm TOC and dress off to 2700' (Whipstock Depth)
4. Run and orient whipstock, set whipstock according to directional plan
 - i. Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF
5. ST with mill assy (2x Bit to bend length)
6. Circulate btm up and TOO H for Conv motor BHA
7. P/U and RIH 1.83°BH and drill rat hole extension until free of Mags
 - i. WL gyro check shots until MWD free of mags
8. Cont drilling to TD.

2. Well bore Schematic



NOTES
 Combined pipe for cement plug balance, 5.5" PTECH 55 + 2 7/8" (1000ft)
 Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF
 TOC inside previous csg to assure good cement quality at Top of Cap Reef
 14.8 ppg slurry for P&A cement plug + 25% OH Excess on cement plug.
 Whipstock will be oriented with WL Gyro - First surveys after ST will be confirmed with WL Gyro until MWD free of Mags

CALCULATIONS TABLE		Annular
WellBore		
ICP1	2508 ft MD	
Possible TOF (Assuming stuck at 8" DC)	2979 ft MD	
Bottom Hole	3204 ft MD	
Target TOC	2458 ft MD	
Open Hole Diameter	12.25 in	
Cased Hole ID	12.615 in	
Hole Capacity		
Open Hole Capacity (No Pipe)	0.1458 bbl/ft	
Open Hole Capacity (Below fish -8" tubulars)	0.0836 bbl/ft	
Cased hole Capacity	0.1546 bbl/ft	
Volume of cement to Pump		
Case hole length	50 ft	
Cased Hole Volume	7.73 bbls	A
Open Hole length (Base of plug to ICP1)	371 ft	
Open Hole Volume (Base of plug to ICP1)	54.08 bbls	B
Open Hole Volume (Below Fish - If cement drop)	225.0 ft	
Open Hole Volume (Below Fish - If cement drop)	18.81 bbls	C
Total Cement for plug length	80.62 bbls	
Excess (25%)	18.22 bbls	
Total Cement to pump	98.85 bbls	

3. Cement Slurry Design with 14.8 ppg Slurry

HALLIBURTON

Permian Basin, Odessa

Lab Results- PLUG

Job Information					
Request/Shurry	2951955/1	Rig Name	NABORS X34	Date	21/MAR/2026
Submitted By	Natalie Baptista	Job Type	WHIPSTOCK PLUG	Bulk Plant	Odessa, TX
Customer	XTO	Location	EDDY	Well	BEU DI 31W 10 7 5H

Well Information					
Casing/Liner Size		Depth MD	2979 ft	BHST	100°F
Hole Size	12.25 in	Depth TVD	2979 ft	BHCT	90 °F

Cement Information - Plug Design				
Conc	UOM	Cement/Additive	Cement Properties	
		HalCem	Slurry Density	14.8 lbm/gal
100	% BWOC	Buzzi Unicem Class C	Slurry Yield	1.34 ft ³ /sack
6.46	gal/sack	Fresh Water	Water Requirement	6.46 gal/sack
0.2	% BWOC	CFR-3		
0.4	% BWOC	Halad-344 NAL		

Pilot Test Results Request ID 2951955/2

Mixability (0 - 5) - 0 is not mixable

Mixability Rating (0 - 5)	Avg. RPM Mixing Under Load (~12,000)	Blend Addition Time (sec) @ 4,000 RPM
4	12000	20

UCA Comp. Strength

End Temp. (degF)	Pressure (psi)	50 psi (HH:MM)	100 psi (HH:MM)	500 psi (HH:MM)	1000 psi (HH:MM)	8hr CS (psi)	12 hr CS (psi)	16 hr CS (psi)	24 hr CS (psi)	End CS (psi)	End Time (hrs)
95	3000	03:54	04:23	06:20	08:41	875	1412	1714	2185	2300	26

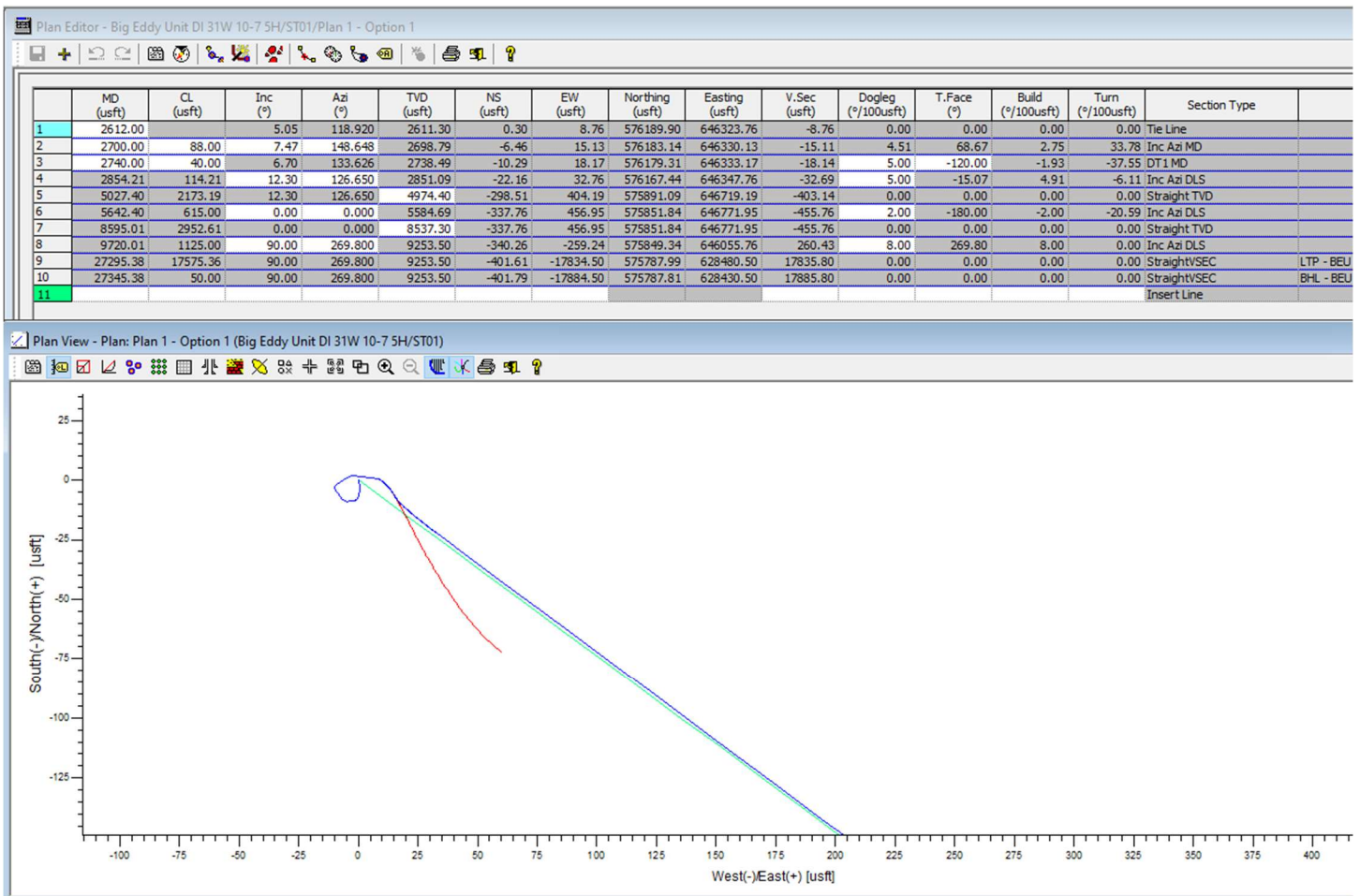
Thickening Time - ON-OFF-ON

Test Temp. (degF)	Pressure (psi)	Reached In (min)	50 BC (HH:MM)	70 BC (HH:MM)	Start BC	Static Period (min)	Stirring Before Stop (min)	Termination Time (HH:MM)	Termination BC
85	1500	20	02:35	03:07	28.1	30	30	04:26	90.8

	95 F
50 PSI UCA @	3:54
100 PSI UCA @	4:23
500 PSI UCA @	6:20
1000 PSI UCA @	8:41
2000 PSI UCA @	23:00
	PSI
8hrs	875
12 hrs	1412
16 hrs	1714
24 hrs	2185

4. Directional Plan

Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF



Please let me know your approval or if you have any questions

Best Regards

Diego Junca

Wells Engineer – Delaware Basin

Diego.a.junca@exxonmobil.com

Work 432-967-9431

Mob 713-438-5398



22777 Springwoods Village Parkway
Spring, TX 77389

Diego.

From: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>
Sent: Monday, March 23, 2026 2:42 PM
To: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>; Engineer, OCD, EMNRD <OCD.Engineer@emnrd.nm.gov>
Cc: Fleming, James Owen <james.o.fleming@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J <james.metcalf@exxonmobil.com>
Subject: RE: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

Ward

Following our recent discussion, we were unable to free the pipe and retrieve the fish. As a result, we will proceed with the proposed sidetrack plan.

We will submit all required documentation as recommended by you and Zota.

Please let us know if you have any questions or need additional information.

Best regards,

Diego Junca

Wells Engineer – Delaware Basin
Diego.a.junca@exxonmobil.com
Work 432-967-9431
Mob 713-438-5398



22777 Springwoods Village Parkway
Spring, TX 77389

Diego

From: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>
Sent: Monday, March 23, 2026 7:39 AM
To: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>; Engineer, OCD, EMNRD <OCD.Engineer@emnrd.nm.gov>
Cc: Fleming, James Owen <james.o.fleming@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J

<james.metcalf@exxonmobil.com>

Subject: RE: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

External Email - Think Before You Click

Diego-

If you were unable to fish and need to sidetrack, you will need to submit a C-103 NOI detailing the new drilling plan.

Ward

From: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>

Sent: Saturday, March 21, 2026 8:09 PM

To: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>; Engineer, OCD, EMNRD <OCD.Engineer@emnrd.nm.gov>

Cc: Fleming, James Owen <james.o.fleming@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>;

Lambert, Candace /C <candace.lambert@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia,

Amanda <amanda.garcia@exxonmobil.com>; Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J

<james.metcalf@exxonmobil.com>

Subject: FW: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

Ward,

I attempted to reach you by phone to provide full context, but was unable to get through.

Please find below the proposed P&A and Sidetrack (ST) plan for **BEU DI31W-5H (API 30-015-57367)**. We are ensuring all contingencies are in place should we be unable to free the drill string.

The BLM has reviewed and approved the plan via email, and a detailed explanation is included below for reference.

We kindly request that NMOCD review the proposed actions and advise if there are any additional comments, requirements, or concerns.

Thank you, and please let us know if further clarification is needed.

Best regards,

Diego Junca

Wells Engineer – Delaware Basin

Diego.a.junca@exxonmobil.com

Work 432-967-9431

Mob 713-438-5398

ExxonMobil

22777 Springwoods Village Parkway
Spring, TX 77389

From: Stevens, Zota M <zstevens@blm.gov>
Sent: Saturday, March 21, 2026 7:49 PM
To: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>
Cc: Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J <james.metcalf@exxonmobil.com>; Fleming, James Owen <james.o.fleming@exxonmobil.com>; DSCENG5 DrillingSupportCenter <DSCENG5@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>
Subject: Re: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

Good Evening,

You are approved for this procedure. Submit a NOI sundry with all relevant documents(directional plan, drilling plan(if any casing plan changes from the original AAPD).

Zota Stevens
Bureau of Land Management
Petroleum Engineer
Phone: 575.234.5998
Cell: 575.361.8620
Email: zstevens@blm.gov

From: Junca Rivera, Diego A <diego.a.junca@exxonmobil.com>
Sent: Saturday, March 21, 2026 6:36 PM
To: Stevens, Zota M <zstevens@blm.gov>
Cc: Spacek, Kyle <kyle.spacek@exxonmobil.com>; Metcalf, James J <james.metcalf@exxonmobil.com>; Fleming, James Owen <james.o.fleming@exxonmobil.com>; DSCENG5 DrillingSupportCenter <DSCENG5@exxonmobil.com>; Rajan, Vishal /CS <vishal.rajan@exxonmobil.com>; Garcia, Amanda <amanda.garcia@exxonmobil.com>; Baker, Adrian <adrian.baker@exxonmobil.com>; Lambert, Candace /C <candace.lambert@exxonmobil.com>
Subject: [EXTERNAL] BEU DI31W - 5H - P&A & ST Proposal

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Zota

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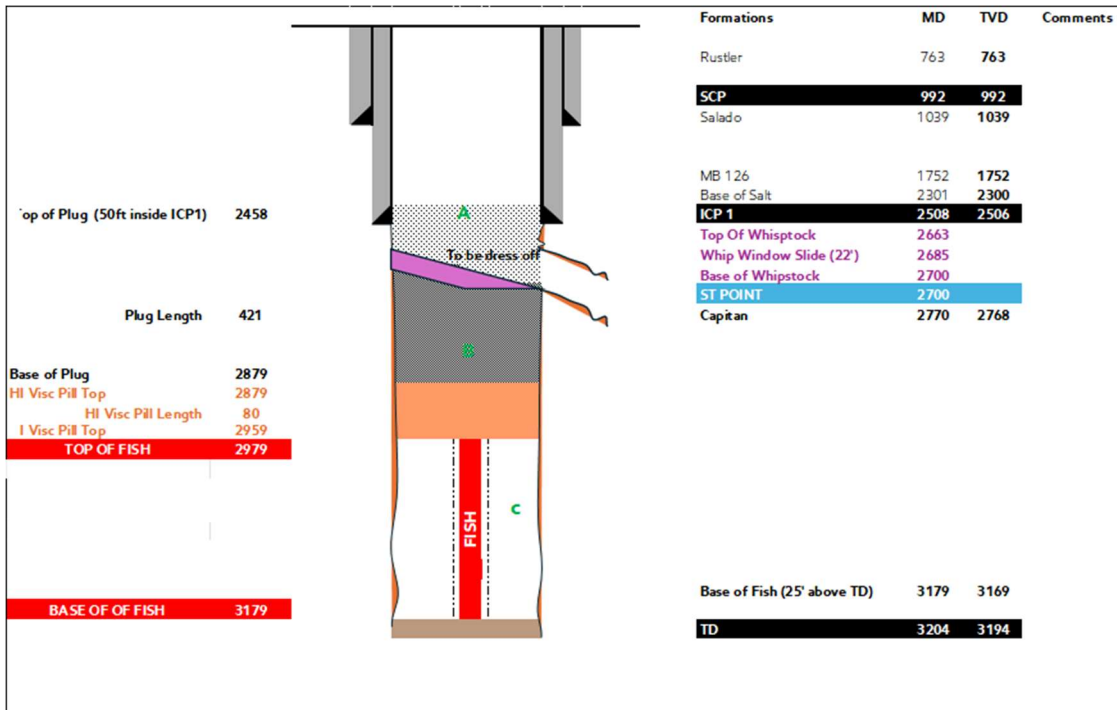
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3. Cement Slurry Design with 14.8 ppg Slurry

HALLIBURTON

Permian Basin, Odessa

Lab Results- PLUG

Job Information					
Request/Shurry	2951955/1	Rig Name	NABORS X34	Date	21/MAR/2026
Submitted By	Natalie Baptista	Job Type	WHIPSTOCK PLUG	Bulk Plant	Odessa, TX
Customer	XTO	Location	EDDY	Well	BEU DI 31W 10 7 5H

Well Information					
Casing/Liner Size		Depth MD	2979 ft	BHST	100°F
Hole Size	12.25 in	Depth TVD	2979 ft	BHCT	90 °F

Cement Information - Plug Design					
Conc	UOM	Cement/Additive	Cement Properties		
		HalCem	Slurry Density	14.8	lbm/gal
100	% BWOC	Buzzi Unicem Class C	Slurry Yield	1.34	ft ³ /sack
6.46	gal/sack	Fresh Water	Water Requirement	6.46	gal/sack
0.2	% BWOC	CFR-3			
0.4	% BWOC	Halad-344 NAL			

Pilot Test Results Request ID 2951955/2

Mixability (0 - 5) - 0 is not mixable		
Mixability Rating (0 - 5)	Avg. RPM Mixing Under Load (~12,000)	Blend Addition Time (sec) @ 4,000 RPM
4	12000	20

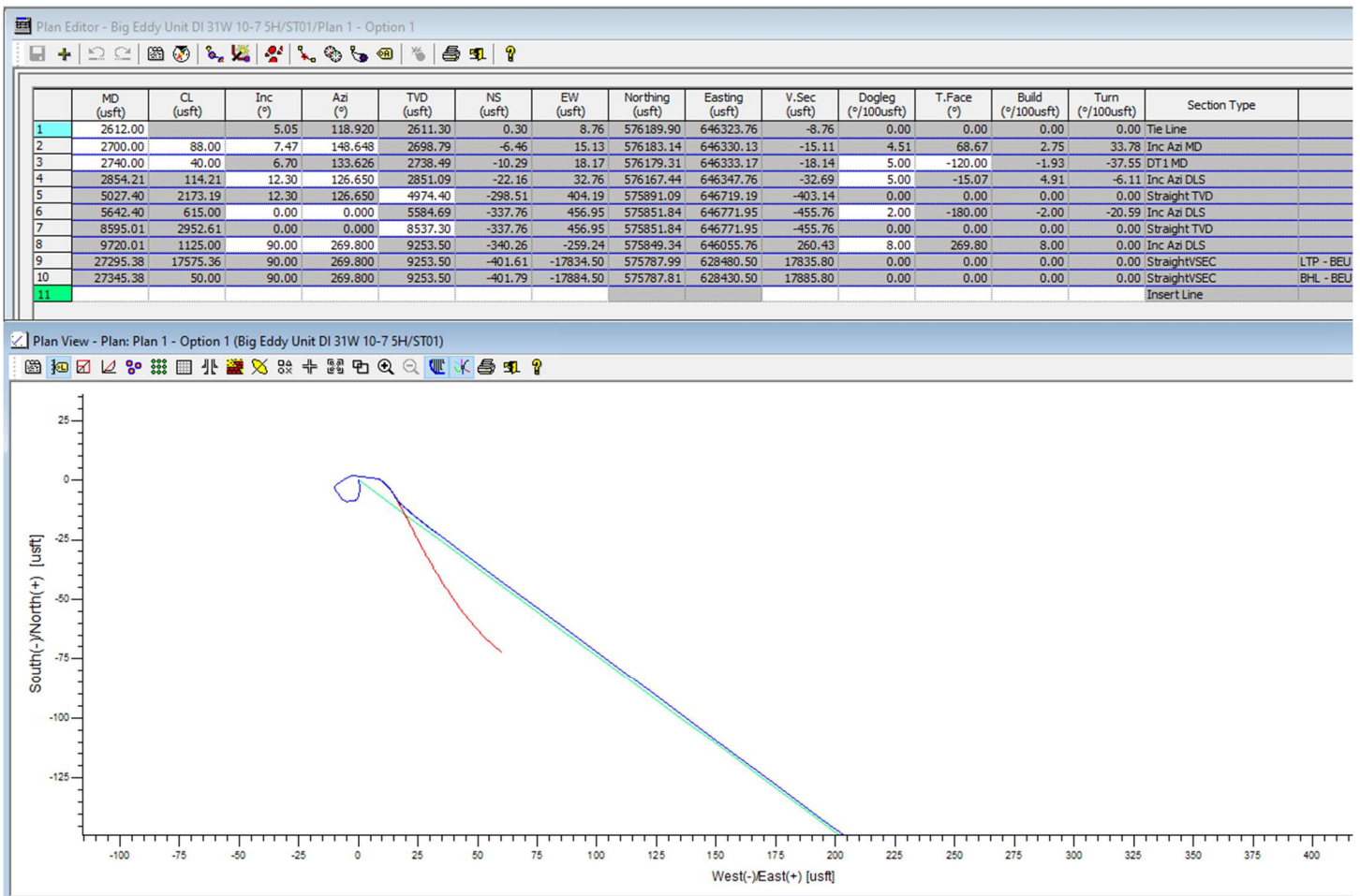
UCA Comp. Strength											
End Temp. (degF)	Pressure (psi)	50 psi (HH:MM)	100 psi (HH:MM)	500 psi (HH:MM)	1000 psi (HH:MM)	8hr CS (psi)	12 hr CS (psi)	16 hr CS (psi)	24 hr CS (psi)	End CS (psi)	End Time (hrs)
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100 PSI UCA @	4:23
500 PSI UCA @	6:20
1000 PSI UCA @	8:41
2000 PSI UCA @	23:00
	PSI
8hrs	875
12 hrs	1412
16 hrs	1714
24 hrs	2185

4. Directional Plan

Tie in: Survey @ 2612, Beginning of ST 2700' MD. Used 5DLS to -120 TF



Please let me know your approval or if you have any questions

Best Regards

Diego Junca

Wells Engineer – Delaware Basin

Diego.a.junca@exxonmobil.com

Work 432-967-9431

Mob 713-438-5398



22777 Springwoods Village Parkway
Spring, TX 77389

Diego.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 570389

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 3617 Big Spring St. MIDLAND, TX 79705	OGRID: 373075
	Action Number: 570389
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Operator is to sidetrack around the fish and then get back on the original approved directional plan for this well.	4/2/2026
ward.rikala	If unable to get back on approved directional plan, a C-103 NOI must be submitted for approval with new C-102 showing new trajectory identifying FTP and LTP for the new BHL.	4/2/2026
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/2/2026