

Well Name: JAMES RANCH UNIT DI 7 SAWTOOTH	Well Location: T23S / R31E / SEC 6 / LOT 3 / 32.34033 / -103.817849	County or Parish/State: EDDY / NM
Well Number: 115H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM02953C	Unit or CA Name: JAMES RANCH UNIT	Unit or CA Number: NMNM70965X
US Well Number:	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2786681

Type of Submission: Notice of Intent Type of Action: APD Change

Date Sundry Submitted: 04/24/2024 Time Sundry Submitted: 10:20

Date proposed operation will begin: 05/27/2024

Procedure Description: XTO Permian Operating, LLC. respectfully request approval to make changes to the approved APD as follows: SHL, FTP, LTP, BHL and proposed total depth. FROM: TO: SHL: 155' FNL & 2398' FWL of Section 6-T23S-R31E 155' FNL & 2458' FWL of Section 6-T23S-R31E FTP: 700' FSL & 2310' FEL of Section 31-T22S-R31E 330' FNL & 1210' FEL of Section 6-T23S-R31E PPP 1-2: 2636' FNL & 2313' FEL of Section 6-T23S-R31E 1320' FSL & 1215' FEL of Section 6-T23S-R31E PPP 1-3: 0' FNL & 2313' FEL of Section 7-T23S-R31E 0' FNL & 1217' FEL of Section 7-T23S-R31E LTP: 2541' FNL & 2310' FEL of Section 18-T23S-R31E 2540' FNL & 1210' FEL of Section 18-T23S-R31E BHL: 2591' FNL & 2310' FEL of Section 18-T23S-R31E 2590' FNL & 1210' FEL of Section 18-T23S-R31E The proposed TD will be changing from 25547' MD; 11320' TVD (Wolfcamp) to 24010' MD; 11210' TVD (Wolfcamp). Pool will remain Los Medanos; Wolfcamp, South. The casing and cement program will be adjusted accordingly to new total depths. ATTACHMENTS: C-102, Directional Plan

NOI Attachments

Procedure Description

- JRU_DI_7_Sawtooth_115H_Directional_Plan_8_29_2023_20240424101902.pdf
- JRU_DI_7_SAWTOOTH_115H_C_102_signed_4_3_2024_20240424101847.pdf

Received by OCD: 6/12/2024 11:44:04 AM

Page 2 of 15

Well Name: JAMES RANCH UNIT DI 7 SAWTOOTH	Well Location: T23S / R31E / SEC 6 / LOT 3 / 32.34033 / -103.817849	County or Parish/State: EDDY / NM
Well Number: 115H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM02953C	Unit or CA Name: JAMES RANCH UNIT	Unit or CA Number: NMNM70965X
US Well Number:	Operator: XTO PERMIAN OPERATING LLC	

Operator

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

Operator Electronic Signature: RANELL (RUSTY) KLEIN	Signed on: MAY 10, 2024 08:52 AM
Name: XTO PERMIAN OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 6401 HOLIDAY HILL ROAD BLDG 5	
City: MIDLAND	State: TX
Phone: (432) 620-6700	
Email address: RANELL.KLEIN@EXXONMOBIL.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 06/12/2024
Signature: Chris Walls	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

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

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

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

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

THE SPACE FOR FEDERAL OR STATE 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

Medanos; Wolfcamp, South.

The casing and cement program will be adjusted accordingly to new total depths.

ATTACHMENTS: C-102, Directional Plan

Location of Well

0. SHL: LOT 3 / 155 FNL / 2398 FWL / TWSP: 23S / RANGE: 31E / SECTION: 6 / LAT: 32.34033 / LONG: -103.817849 (TVD: 0 feet, MD: 0 feet)

PPP: SENW / 2636 FNL / 2313 FEL / TWSP: 23S / RANGE: 31E / SECTION: 6 / LAT: 32.333508 / LONG: -103.815921 (TVD: 11209 feet, MD: 13100 feet)

PPP: SESW / 0 FNL / 2313 FEL / TWSP: 23S / RANGE: 31E / SECTION: 6 / LAT: 32.326248 / LONG: -103.815907 (TVD: 11209 feet, MD: 15700 feet)

PPP: SESW / 700 FSL / 2310 FEL / TWSP: 22S / RANGE: 31E / SECTION: 31 / LAT: 32.342678 / LONG: -103.81594 (TVD: 11209 feet, MD: 11700 feet)

BHL: SENW / 2591 FNL / 2310 FEL / TWSP: 23S / RANGE: 31E / SECTION: 18 / LAT: 32.304611 / LONG: -103.815864 (TVD: 11209 feet, MD: 25547 feet)

CONFIDENTIAL

Long Lead_Well Planning

EDDY

JRU DI 7 Pad B

JRU DI 7 SAWTOOTH 115H - Slot JRU DI 7 SAWTOOTH 115H

JRU DI 7 SAWTOOTH 115H

Plan: JRU DI 7 SAWTOOTH 115H

Standard Planning Report

29 August, 2023

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

Project	EDDY		
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	JRU DI 7 Pad B		
Site Position:		Northing:	487,867.10 usft
From:	Map	Easting:	659,297.30 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 20' 24.749 N
		Longitude:	103° 49' 3.186 W

Well	JRU DI 7 SAWTOOTH 115H - Slot JRU DI 7 SAWTOOTH 115H					
Well Position	+N/-S	-0.4 usft	Northing:	487,867.30 usft	Latitude:	32° 20' 24.745 N
	+E/-W	119.9 usft	Easting:	659,417.20 usft	Longitude:	103° 49' 1.789 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,317.0 usft
Grid Convergence:		0.28 °				

Wellbore	JRU DI 7 SAWTOOTH 115H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	8/29/2023	6.41	59.90	47,308.81822619

Design	JRU DI 7 SAWTOOTH 115H			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	-0.4	119.9	179.90

Plan Survey Tool Program	Date	8/29/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	24,009.8 JRU DI 7 SAWTOOTH 115H (JR	XOM_R2OWSG MWD+IFR1+OWSG MWD + IFR1 + Multi-St	

ExxonMobil

Planning Report

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Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	-0.4	119.9	0.00	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	-0.4	119.9	0.00	0.00	0.00	0.00	
2,291.5	21.83	96.17	2,265.2	-22.4	324.1	2.00	2.00	0.00	96.17	
5,598.1	21.83	96.17	5,334.8	-154.6	1,546.5	0.00	0.00	0.00	0.00	
6,689.5	0.00	0.00	6,400.0	-176.6	1,750.8	2.00	-2.00	0.00	180.00	
10,782.5	0.00	0.00	10,493.0	-176.6	1,750.8	0.00	0.00	0.00	0.00	
11,907.5	90.00	179.90	11,209.2	-892.8	1,752.0	8.00	8.00	15.99	179.90	
23,959.8	90.00	179.90	11,210.0	-12,945.1	1,772.8	0.00	0.00	0.00	0.00	LTP 9-1
24,009.8	90.00	179.90	11,210.0	-12,995.1	1,772.9	0.00	0.00	0.00	0.00	BHL 9-1

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	-0.4	119.9	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	-0.4	119.9	0.0	0.00	0.00	0.00	
1,300.0	2.00	96.17	1,300.0	-0.6	121.6	0.2	2.00	2.00	0.00	
1,400.0	4.00	96.17	1,399.8	-1.1	126.8	0.8	2.00	2.00	0.00	
1,500.0	6.00	96.17	1,499.5	-2.1	135.5	1.7	2.00	2.00	0.00	
1,600.0	8.00	96.17	1,598.7	-3.4	147.6	3.0	2.00	2.00	0.00	
1,700.0	10.00	96.17	1,697.5	-5.1	163.2	4.8	2.00	2.00	0.00	
1,800.0	12.00	96.17	1,795.6	-7.1	182.1	6.8	2.00	2.00	0.00	
1,900.0	14.00	96.17	1,893.1	-9.5	204.5	9.3	2.00	2.00	0.00	
2,000.0	16.00	96.17	1,989.6	-12.3	230.2	12.1	2.00	2.00	0.00	
2,100.0	18.00	96.17	2,085.3	-15.4	259.3	15.3	2.00	2.00	0.00	
2,200.0	20.00	96.17	2,179.8	-18.9	291.7	18.9	2.00	2.00	0.00	
2,291.5	21.83	96.17	2,265.2	-22.4	324.1	22.4	2.00	2.00	0.00	
2,300.0	21.83	96.17	2,273.2	-22.8	327.3	22.8	0.00	0.00	0.00	
2,400.0	21.83	96.17	2,366.0	-26.8	364.3	26.8	0.00	0.00	0.00	
2,500.0	21.83	96.17	2,458.8	-30.8	401.2	30.9	0.00	0.00	0.00	
2,600.0	21.83	96.17	2,551.7	-34.8	438.2	35.0	0.00	0.00	0.00	
2,700.0	21.83	96.17	2,644.5	-38.8	475.2	39.0	0.00	0.00	0.00	
2,800.0	21.83	96.17	2,737.3	-42.8	512.1	43.1	0.00	0.00	0.00	
2,900.0	21.83	96.17	2,830.2	-46.8	549.1	47.1	0.00	0.00	0.00	
3,000.0	21.83	96.17	2,923.0	-50.8	586.1	51.2	0.00	0.00	0.00	
3,100.0	21.83	96.17	3,015.8	-54.8	623.0	55.3	0.00	0.00	0.00	
3,200.0	21.83	96.17	3,108.6	-58.7	660.0	59.3	0.00	0.00	0.00	
3,300.0	21.83	96.17	3,201.5	-62.7	697.0	63.4	0.00	0.00	0.00	
3,400.0	21.83	96.17	3,294.3	-66.7	733.9	67.4	0.00	0.00	0.00	
3,500.0	21.83	96.17	3,387.1	-70.7	770.9	71.5	0.00	0.00	0.00	
3,600.0	21.83	96.17	3,480.0	-74.7	807.9	75.6	0.00	0.00	0.00	
3,700.0	21.83	96.17	3,572.8	-78.7	844.8	79.6	0.00	0.00	0.00	
3,800.0	21.83	96.17	3,665.6	-82.7	881.8	83.7	0.00	0.00	0.00	
3,900.0	21.83	96.17	3,758.4	-86.7	918.8	87.7	0.00	0.00	0.00	
4,000.0	21.83	96.17	3,851.3	-90.7	955.8	91.8	0.00	0.00	0.00	
4,100.0	21.83	96.17	3,944.1	-94.7	992.7	95.9	0.00	0.00	0.00	
4,200.0	21.83	96.17	4,036.9	-98.7	1,029.7	99.9	0.00	0.00	0.00	
4,300.0	21.83	96.17	4,129.8	-102.7	1,066.7	104.0	0.00	0.00	0.00	
4,400.0	21.83	96.17	4,222.6	-106.7	1,103.6	108.0	0.00	0.00	0.00	
4,500.0	21.83	96.17	4,315.4	-110.7	1,140.6	112.1	0.00	0.00	0.00	
4,600.0	21.83	96.17	4,408.3	-114.7	1,177.6	116.2	0.00	0.00	0.00	
4,700.0	21.83	96.17	4,501.1	-118.7	1,214.5	120.2	0.00	0.00	0.00	
4,800.0	21.83	96.17	4,593.9	-122.7	1,251.5	124.3	0.00	0.00	0.00	
4,900.0	21.83	96.17	4,686.7	-126.7	1,288.5	128.3	0.00	0.00	0.00	
5,000.0	21.83	96.17	4,779.6	-130.7	1,325.4	132.4	0.00	0.00	0.00	
5,100.0	21.83	96.17	4,872.4	-134.7	1,362.4	136.5	0.00	0.00	0.00	
5,200.0	21.83	96.17	4,965.2	-138.7	1,399.4	140.5	0.00	0.00	0.00	
5,300.0	21.83	96.17	5,058.1	-142.7	1,436.4	144.6	0.00	0.00	0.00	
5,400.0	21.83	96.17	5,150.9	-146.6	1,473.3	148.6	0.00	0.00	0.00	
5,500.0	21.83	96.17	5,243.7	-150.6	1,510.3	152.7	0.00	0.00	0.00	
5,598.1	21.83	96.17	5,334.8	-154.6	1,546.5	156.7	0.00	0.00	0.00	
5,600.0	21.79	96.17	5,336.6	-154.6	1,547.3	156.8	2.00	-2.00	0.00	
5,700.0	19.79	96.17	5,430.0	-158.5	1,582.5	160.6	2.00	-2.00	0.00	
5,800.0	17.79	96.17	5,524.7	-161.9	1,614.6	164.1	2.00	-2.00	0.00	
5,900.0	15.79	96.17	5,620.4	-165.0	1,643.3	167.3	2.00	-2.00	0.00	
6,000.0	13.79	96.17	5,717.1	-167.8	1,668.7	170.1	2.00	-2.00	0.00	

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,100.0	11.79	96.17	5,814.6	-170.1	1,690.7	172.5	2.00	-2.00	0.00
6,200.0	9.79	96.17	5,912.9	-172.2	1,709.3	174.5	2.00	-2.00	0.00
6,300.0	7.79	96.17	6,011.7	-173.8	1,724.5	176.2	2.00	-2.00	0.00
6,400.0	5.79	96.17	6,111.0	-175.1	1,736.2	177.5	2.00	-2.00	0.00
6,500.0	3.79	96.17	6,210.6	-176.0	1,744.5	178.4	2.00	-2.00	0.00
6,600.0	1.79	96.17	6,310.5	-176.5	1,749.4	178.9	2.00	-2.00	0.00
6,689.5	0.00	0.00	6,400.0	-176.6	1,750.8	179.1	2.00	-2.00	0.00
10,782.5	0.00	0.00	10,493.0	-176.6	1,750.8	179.1	0.00	0.00	0.00
10,800.0	1.40	179.90	10,510.5	-176.8	1,750.8	179.3	8.00	8.00	0.00
10,900.0	9.40	179.90	10,609.9	-186.2	1,750.8	188.7	8.00	8.00	0.00
11,000.0	17.40	179.90	10,707.1	-209.4	1,750.8	211.9	8.00	8.00	0.00
11,100.0	25.40	179.90	10,800.2	-245.9	1,750.9	248.3	8.00	8.00	0.00
11,200.0	33.40	179.90	10,887.2	-294.9	1,751.0	297.4	8.00	8.00	0.00
11,300.0	41.40	179.90	10,966.6	-355.6	1,751.1	358.1	8.00	8.00	0.00
11,343.5	44.88	179.90	10,998.4	-385.3	1,751.1	387.8	8.00	8.00	0.00
FTP 9-1									
11,400.0	49.40	179.90	11,036.8	-426.7	1,751.2	429.2	8.00	8.00	0.00
11,500.0	57.40	179.90	11,096.3	-506.9	1,751.3	509.4	8.00	8.00	0.00
11,600.0	65.40	179.90	11,144.2	-594.7	1,751.5	597.1	8.00	8.00	0.00
11,700.0	73.40	179.90	11,179.3	-688.2	1,751.7	690.7	8.00	8.00	0.00
11,800.0	81.40	179.90	11,201.1	-785.7	1,751.8	788.2	8.00	8.00	0.00
11,900.0	89.40	179.90	11,209.2	-885.3	1,752.0	887.8	8.00	8.00	0.00
11,907.5	90.00	179.90	11,209.2	-892.8	1,752.0	895.3	8.00	8.00	0.00
12,000.0	90.00	179.90	11,209.2	-985.3	1,752.2	987.8	0.00	0.00	0.00
12,100.0	90.00	179.90	11,209.2	-1,085.3	1,752.3	1,087.8	0.00	0.00	0.00
12,200.0	90.00	179.90	11,209.2	-1,185.3	1,752.5	1,187.8	0.00	0.00	0.00
12,300.0	90.00	179.90	11,209.2	-1,285.3	1,752.7	1,287.8	0.00	0.00	0.00
12,400.0	90.00	179.90	11,209.2	-1,385.3	1,752.9	1,387.8	0.00	0.00	0.00
12,500.0	90.00	179.90	11,209.2	-1,485.3	1,753.0	1,487.8	0.00	0.00	0.00
12,600.0	90.00	179.90	11,209.2	-1,585.3	1,753.2	1,587.8	0.00	0.00	0.00
12,700.0	90.00	179.90	11,209.2	-1,685.3	1,753.4	1,687.8	0.00	0.00	0.00
12,800.0	90.00	179.90	11,209.3	-1,785.3	1,753.5	1,787.8	0.00	0.00	0.00
12,900.0	90.00	179.90	11,209.3	-1,885.3	1,753.7	1,887.8	0.00	0.00	0.00
13,000.0	90.00	179.90	11,209.3	-1,985.3	1,753.9	1,987.8	0.00	0.00	0.00
13,100.0	90.00	179.90	11,209.3	-2,085.3	1,754.1	2,087.8	0.00	0.00	0.00
13,200.0	90.00	179.90	11,209.3	-2,185.3	1,754.2	2,187.8	0.00	0.00	0.00
13,300.0	90.00	179.90	11,209.3	-2,285.3	1,754.4	2,287.8	0.00	0.00	0.00
13,400.0	90.00	179.90	11,209.3	-2,385.3	1,754.6	2,387.8	0.00	0.00	0.00
13,500.0	90.00	179.90	11,209.3	-2,485.3	1,754.7	2,487.8	0.00	0.00	0.00
13,600.0	90.00	179.90	11,209.3	-2,585.3	1,754.9	2,587.8	0.00	0.00	0.00
13,700.0	90.00	179.90	11,209.3	-2,685.3	1,755.1	2,687.8	0.00	0.00	0.00
13,800.0	90.00	179.90	11,209.3	-2,785.3	1,755.3	2,787.8	0.00	0.00	0.00
13,900.0	90.00	179.90	11,209.3	-2,885.3	1,755.4	2,887.8	0.00	0.00	0.00
14,000.0	90.00	179.90	11,209.3	-2,985.3	1,755.6	2,987.8	0.00	0.00	0.00
14,100.0	90.00	179.90	11,209.3	-3,085.3	1,755.8	3,087.8	0.00	0.00	0.00
14,200.0	90.00	179.90	11,209.3	-3,185.3	1,756.0	3,187.8	0.00	0.00	0.00
14,300.0	90.00	179.90	11,209.4	-3,285.3	1,756.1	3,287.8	0.00	0.00	0.00
14,400.0	90.00	179.90	11,209.4	-3,385.3	1,756.3	3,387.8	0.00	0.00	0.00
14,500.0	90.00	179.90	11,209.4	-3,485.3	1,756.5	3,487.8	0.00	0.00	0.00
14,600.0	90.00	179.90	11,209.4	-3,585.3	1,756.6	3,587.8	0.00	0.00	0.00
14,700.0	90.00	179.90	11,209.4	-3,685.3	1,756.8	3,687.8	0.00	0.00	0.00
14,800.0	90.00	179.90	11,209.4	-3,785.3	1,757.0	3,787.8	0.00	0.00	0.00

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

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)
14,900.0	90.00	179.90	11,209.4	-3,885.3	1,757.2	3,887.8	0.00	0.00	0.00
15,000.0	90.00	179.90	11,209.4	-3,985.3	1,757.3	3,987.8	0.00	0.00	0.00
15,100.0	90.00	179.90	11,209.4	-4,085.3	1,757.5	4,087.8	0.00	0.00	0.00
15,200.0	90.00	179.90	11,209.4	-4,185.3	1,757.7	4,187.8	0.00	0.00	0.00
15,300.0	90.00	179.90	11,209.4	-4,285.3	1,757.9	4,287.8	0.00	0.00	0.00
15,400.0	90.00	179.90	11,209.4	-4,385.3	1,758.0	4,387.8	0.00	0.00	0.00
15,500.0	90.00	179.90	11,209.4	-4,485.3	1,758.2	4,487.8	0.00	0.00	0.00
15,600.0	90.00	179.90	11,209.4	-4,585.3	1,758.4	4,587.8	0.00	0.00	0.00
15,700.0	90.00	179.90	11,209.4	-4,685.3	1,758.5	4,687.8	0.00	0.00	0.00
15,800.0	90.00	179.90	11,209.5	-4,785.3	1,758.7	4,787.8	0.00	0.00	0.00
15,900.0	90.00	179.90	11,209.5	-4,885.3	1,758.9	4,887.8	0.00	0.00	0.00
16,000.0	90.00	179.90	11,209.5	-4,985.3	1,759.1	4,987.8	0.00	0.00	0.00
16,100.0	90.00	179.90	11,209.5	-5,085.3	1,759.2	5,087.8	0.00	0.00	0.00
16,200.0	90.00	179.90	11,209.5	-5,185.3	1,759.4	5,187.8	0.00	0.00	0.00
16,300.0	90.00	179.90	11,209.5	-5,285.3	1,759.6	5,287.8	0.00	0.00	0.00
16,400.0	90.00	179.90	11,209.5	-5,385.3	1,759.7	5,387.8	0.00	0.00	0.00
16,500.0	90.00	179.90	11,209.5	-5,485.3	1,759.9	5,487.8	0.00	0.00	0.00
16,600.0	90.00	179.90	11,209.5	-5,585.3	1,760.1	5,587.8	0.00	0.00	0.00
16,700.0	90.00	179.90	11,209.5	-5,685.3	1,760.3	5,687.8	0.00	0.00	0.00
16,800.0	90.00	179.90	11,209.5	-5,785.3	1,760.4	5,787.8	0.00	0.00	0.00
16,900.0	90.00	179.90	11,209.5	-5,885.3	1,760.6	5,887.8	0.00	0.00	0.00
17,000.0	90.00	179.90	11,209.5	-5,985.3	1,760.8	5,987.8	0.00	0.00	0.00
17,100.0	90.00	179.90	11,209.5	-6,085.3	1,761.0	6,087.8	0.00	0.00	0.00
17,200.0	90.00	179.90	11,209.5	-6,185.3	1,761.1	6,187.8	0.00	0.00	0.00
17,300.0	90.00	179.90	11,209.6	-6,285.3	1,761.3	6,287.8	0.00	0.00	0.00
17,400.0	90.00	179.90	11,209.6	-6,385.3	1,761.5	6,387.8	0.00	0.00	0.00
17,500.0	90.00	179.90	11,209.6	-6,485.3	1,761.6	6,487.8	0.00	0.00	0.00
17,600.0	90.00	179.90	11,209.6	-6,585.3	1,761.8	6,587.8	0.00	0.00	0.00
17,700.0	90.00	179.90	11,209.6	-6,685.3	1,762.0	6,687.8	0.00	0.00	0.00
17,800.0	90.00	179.90	11,209.6	-6,785.3	1,762.2	6,787.8	0.00	0.00	0.00
17,900.0	90.00	179.90	11,209.6	-6,885.3	1,762.3	6,887.8	0.00	0.00	0.00
18,000.0	90.00	179.90	11,209.6	-6,985.3	1,762.5	6,987.8	0.00	0.00	0.00
18,100.0	90.00	179.90	11,209.6	-7,085.3	1,762.7	7,087.8	0.00	0.00	0.00
18,200.0	90.00	179.90	11,209.6	-7,185.3	1,762.8	7,187.8	0.00	0.00	0.00
18,300.0	90.00	179.90	11,209.6	-7,285.3	1,763.0	7,287.8	0.00	0.00	0.00
18,400.0	90.00	179.90	11,209.6	-7,385.3	1,763.2	7,387.8	0.00	0.00	0.00
18,500.0	90.00	179.90	11,209.6	-7,485.3	1,763.4	7,487.8	0.00	0.00	0.00
18,600.0	90.00	179.90	11,209.6	-7,585.3	1,763.5	7,587.8	0.00	0.00	0.00
18,700.0	90.00	179.90	11,209.6	-7,685.3	1,763.7	7,687.8	0.00	0.00	0.00
18,800.0	90.00	179.90	11,209.7	-7,785.3	1,763.9	7,787.8	0.00	0.00	0.00
18,900.0	90.00	179.90	11,209.7	-7,885.3	1,764.1	7,887.8	0.00	0.00	0.00
19,000.0	90.00	179.90	11,209.7	-7,985.3	1,764.2	7,987.8	0.00	0.00	0.00
19,100.0	90.00	179.90	11,209.7	-8,085.3	1,764.4	8,087.8	0.00	0.00	0.00
19,200.0	90.00	179.90	11,209.7	-8,185.3	1,764.6	8,187.8	0.00	0.00	0.00
19,300.0	90.00	179.90	11,209.7	-8,285.3	1,764.7	8,287.8	0.00	0.00	0.00
19,400.0	90.00	179.90	11,209.7	-8,385.3	1,764.9	8,387.8	0.00	0.00	0.00
19,500.0	90.00	179.90	11,209.7	-8,485.3	1,765.1	8,487.8	0.00	0.00	0.00
19,600.0	90.00	179.90	11,209.7	-8,585.3	1,765.3	8,587.8	0.00	0.00	0.00
19,700.0	90.00	179.90	11,209.7	-8,685.3	1,765.4	8,687.8	0.00	0.00	0.00
19,800.0	90.00	179.90	11,209.7	-8,785.3	1,765.6	8,787.8	0.00	0.00	0.00
19,900.0	90.00	179.90	11,209.7	-8,885.3	1,765.8	8,887.8	0.00	0.00	0.00
20,000.0	90.00	179.90	11,209.7	-8,985.3	1,766.0	8,987.8	0.00	0.00	0.00

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

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)
20,100.0	90.00	179.90	11,209.7	-9,085.3	1,766.1	9,087.8	0.00	0.00	0.00
20,200.0	90.00	179.90	11,209.7	-9,185.3	1,766.3	9,187.8	0.00	0.00	0.00
20,300.0	90.00	179.90	11,209.8	-9,285.3	1,766.5	9,287.8	0.00	0.00	0.00
20,400.0	90.00	179.90	11,209.8	-9,385.3	1,766.6	9,387.8	0.00	0.00	0.00
20,500.0	90.00	179.90	11,209.8	-9,485.3	1,766.8	9,487.8	0.00	0.00	0.00
20,600.0	90.00	179.90	11,209.8	-9,585.3	1,767.0	9,587.8	0.00	0.00	0.00
20,700.0	90.00	179.90	11,209.8	-9,685.3	1,767.2	9,687.8	0.00	0.00	0.00
20,800.0	90.00	179.90	11,209.8	-9,785.3	1,767.3	9,787.8	0.00	0.00	0.00
20,900.0	90.00	179.90	11,209.8	-9,885.3	1,767.5	9,887.8	0.00	0.00	0.00
21,000.0	90.00	179.90	11,209.8	-9,985.3	1,767.7	9,987.8	0.00	0.00	0.00
21,100.0	90.00	179.90	11,209.8	-10,085.3	1,767.8	10,087.8	0.00	0.00	0.00
21,200.0	90.00	179.90	11,209.8	-10,185.3	1,768.0	10,187.8	0.00	0.00	0.00
21,300.0	90.00	179.90	11,209.8	-10,285.3	1,768.2	10,287.8	0.00	0.00	0.00
21,400.0	90.00	179.90	11,209.8	-10,385.3	1,768.4	10,387.8	0.00	0.00	0.00
21,500.0	90.00	179.90	11,209.8	-10,485.3	1,768.5	10,487.8	0.00	0.00	0.00
21,600.0	90.00	179.90	11,209.8	-10,585.3	1,768.7	10,587.8	0.00	0.00	0.00
21,700.0	90.00	179.90	11,209.8	-10,685.3	1,768.9	10,687.8	0.00	0.00	0.00
21,800.0	90.00	179.90	11,209.9	-10,785.3	1,769.1	10,787.8	0.00	0.00	0.00
21,900.0	90.00	179.90	11,209.9	-10,885.3	1,769.2	10,887.8	0.00	0.00	0.00
22,000.0	90.00	179.90	11,209.9	-10,985.3	1,769.4	10,987.8	0.00	0.00	0.00
22,100.0	90.00	179.90	11,209.9	-11,085.3	1,769.6	11,087.8	0.00	0.00	0.00
22,200.0	90.00	179.90	11,209.9	-11,185.3	1,769.7	11,187.8	0.00	0.00	0.00
22,300.0	90.00	179.90	11,209.9	-11,285.3	1,769.9	11,287.8	0.00	0.00	0.00
22,400.0	90.00	179.90	11,209.9	-11,385.3	1,770.1	11,387.8	0.00	0.00	0.00
22,500.0	90.00	179.90	11,209.9	-11,485.3	1,770.3	11,487.8	0.00	0.00	0.00
22,600.0	90.00	179.90	11,209.9	-11,585.3	1,770.4	11,587.8	0.00	0.00	0.00
22,700.0	90.00	179.90	11,209.9	-11,685.3	1,770.6	11,687.8	0.00	0.00	0.00
22,800.0	90.00	179.90	11,209.9	-11,785.3	1,770.8	11,787.8	0.00	0.00	0.00
22,900.0	90.00	179.90	11,209.9	-11,885.3	1,770.9	11,887.8	0.00	0.00	0.00
23,000.0	90.00	179.90	11,209.9	-11,985.3	1,771.1	11,987.8	0.00	0.00	0.00
23,100.0	90.00	179.90	11,209.9	-12,085.3	1,771.3	12,087.8	0.00	0.00	0.00
23,200.0	90.00	179.90	11,209.9	-12,185.3	1,771.5	12,187.8	0.00	0.00	0.00
23,300.0	90.00	179.90	11,210.0	-12,285.3	1,771.6	12,287.8	0.00	0.00	0.00
23,400.0	90.00	179.90	11,210.0	-12,385.3	1,771.8	12,387.8	0.00	0.00	0.00
23,500.0	90.00	179.90	11,210.0	-12,485.3	1,772.0	12,487.8	0.00	0.00	0.00
23,600.0	90.00	179.90	11,210.0	-12,585.3	1,772.2	12,587.8	0.00	0.00	0.00
23,700.0	90.00	179.90	11,210.0	-12,685.3	1,772.3	12,687.8	0.00	0.00	0.00
23,800.0	90.00	179.90	11,210.0	-12,785.3	1,772.5	12,787.8	0.00	0.00	0.00
23,900.0	90.00	179.90	11,210.0	-12,885.3	1,772.7	12,887.8	0.00	0.00	0.00
23,959.8	90.00	179.90	11,210.0	-12,945.1	1,772.8	12,947.6	0.00	0.00	0.00
LTP 9-1									
24,000.0	90.00	179.90	11,210.0	-12,985.3	1,772.8	12,987.8	0.00	0.00	0.00
24,009.8	90.00	179.90	11,210.0	-12,995.1	1,772.9	12,997.6	0.00	0.00	0.00
BHL 9-1									

ExxonMobil

Planning Report

Database:	LMRKPROD3	Local Co-ordinate Reference:	Site JRU DI 7 Pad B
Company:	Long Lead_Well Planning	TVD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Project:	EDDY	MD Reference:	JRU DI 7 SAWTOOTH 115H Default @ 3349.0usft
Site:	JRU DI 7 Pad B	North Reference:	True
Well:	JRU DI 7 SAWTOOTH 115H	Survey Calculation Method:	Minimum Curvature
Wellbore:	JRU DI 7 SAWTOOTH 115H		
Design:	JRU DI 7 SAWTOOTH 115H		

Design Targets										
Target Name										
- hit/miss target		Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape		(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
LTP 9-1		0.00	0.00	11,210.0	-12,945.1	1,772.8	474,930.70	661,132.40	32° 18' 16.645 N	103° 48' 42.531 W
- plan hits target center										
- Rectangle (sides W5.0 H5.0 D0.0)										
FTP 9-1		0.00	0.00	11,210.0	-176.6	1,750.8	487,698.90	661,048.90	32° 20' 23.001 N	103° 48' 42.780 W
- plan misses target center by 297.2usft at 11343.5usft MD (10998.4 TVD, -385.3 N, 1751.1 E)										
- Rectangle (sides W5.0 H5.0 D0.0)										
BHL 9-1		0.00	0.00	11,210.0	-12,995.1	1,772.8	474,880.70	661,132.70	32° 18' 16.150 N	103° 48' 42.530 W
- plan hits target center										
- Rectangle (sides W5.0 H5.0 D0.0)										

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ **AMENDED REPORT**

APD ID 10400093105

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 353396

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 353396
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	6/13/2024