

Well Name: POKER LAKE UNIT 20 DTD	Well Location: T24S / R30E / SEC 20 / NENE / 32.209455 / -103.898336	County or Parish/State: EDDY / NM
Well Number: 410H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC068905	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001554914	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2855328

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 05/29/2025	Time Sundry Submitted: 03:34
Date proposed operation will begin: 05/29/2025	

Procedure Description: Effective date 8/23/24 XTO Permian Operating LLC respectfully requests to make the following changes: Pool name & code: f/ WILCAT G-015 S263001O; BONESPRING (97814) t/ PURPLE SAGE; WOLFCAMP (98220) Attachments: Drilling plans and directional surveys that were previously approved under BLM id # 2781322/NMOCD id # 342952. These plans have not changed and are just attached for easy reference. Updated C-102 on new required form. No new surface disturbance.

NOI Attachments

Procedure Description

- POKER_LAKE_UNIT_20_DTD_410H_C102_AMENDED_FINAL_05_22_2025_20250529153317.pdf
- POKER_LAKE_UNIT_20_DTD_410H_drill_plans_20250529153245.pdf

Received by OCD: 6/6/2025 10:03:55 AM

Page 2 of 25

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Lease Number: NMLC068905	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001554914	Operator: XTO PERMIAN OPERATING LLC	

Operator

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

Operator Electronic Signature: LACEY GRANILLO

Signed on: MAY 29, 2025 03:33 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD

City: MIDLANDState: TX

Phone: (432) 894-0057

Email address: LACEY.GRANILLO@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MARIAH HUGHES

BLM POC Title: Land Law Examiner

BLM POC Phone: 5752345972

BLM POC Email Address: mhughes@blm.gov

Disposition: Approved

Disposition Date: 06/04/2025

Signature: Cody Layton Assistant Field Manager

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.5. Lease Serial No. **NMLC068905**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **XTO PERMIAN OPERATING LLC**3a. Address **6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,**3b. Phone No. (include area code)
(432) 683-22777. If Unit of CA/Agreement, Name and/or No.
POKER LAKE UNIT/NMNM71016X8. Well Name and No.
POKER LAKE UNIT 20 DTD/410H9. API Well No. **3001554914**10. Field and Pool or Exploratory Area
WC 015 G06 S242630A/WOLFCAMP (GAS)4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 20/T24S/R30E/NMP11. Country or Parish, State
EDDY/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input checked="" 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 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 recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Effective date 8/23/24

XTO Permian Operating LLC respectfully requests to make the following changes:

Pool name & code: f/ WILCAT G-015 S263001O; BONESPRING (97814)

t/ PURPLE SAGE; WOLFCAMP (98220)

Attachments: Drilling plans and directional surveys that were previously approved under BLM id # 2781322/NMOCD id # 342952. These plans have not changed and are just attached for easy reference. Updated C-102 on new required form. No new surface disturbance.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
LACEY GRANILLO / Ph: (432) 894-0057Title **Regulatory Analyst**(Electronic Submission)
SignatureDate **05/29/2025****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

MARIAH HUGHES / Ph: (575) 234-5972 / ApprovedTitle **Land Law Examiner**Date **06/04/2025**

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

Office **CARLSBAD**

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

Location of Well

0. SHL: NENE / 357 FNL / 578 FEL / TWSP: 24S / RANGE: 30E / SECTION: 20 / LAT: 32.209455 / LONG: -103.898336 (TVD: 0 feet, MD: 0 feet)

PPP: nene / 100 FNL / 943 FEL / TWSP: 24S / RANGE: 30E / SECTION: 20 / LAT: 32.210712 / LONG: -103.898083 (TVD: 10102 feet, MD: 10500 feet)

BHL: SESE / 230 FNL / 942 FEL / TWSP: 25S / RANGE: 30E / SECTION: 5 / LAT: 32.152849 / LONG: -103.897826 (TVD: 10102 feet, MD: 31200 feet)

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number 30-015-54914	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP
Property Code	Property Name POKER LAKE UNIT 20 DTD	Well Number 410H
OGRID No. 373075	Operator Name XTO PERMIAN OPERATING, LLC.	Ground Level Elevation 3290'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	24S	30E		337 FNL	578 FEL	32.209519	-103.896752	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	05	25S	30E		230 FSL	942 FEL	32.152849	-103.897826	EDDY

Dedicated Acres 2,321.00	Infill or Defining Well INFILL	Defining Well API 30-015-54912	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers:			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	24S	30E		337 FNL	578 FEL	32.209519	-103.896752	EDDY



First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	24S	30E		100 FNL	943 FEL	32.210163	-103.897932	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	05	25S	30E		330 FSL	942 FEL	32.153124	-103.897827	EDDY

Unitized Area or Area of Uniform Interest NMNM105422429	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3290'
-------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	-----------------------------------------

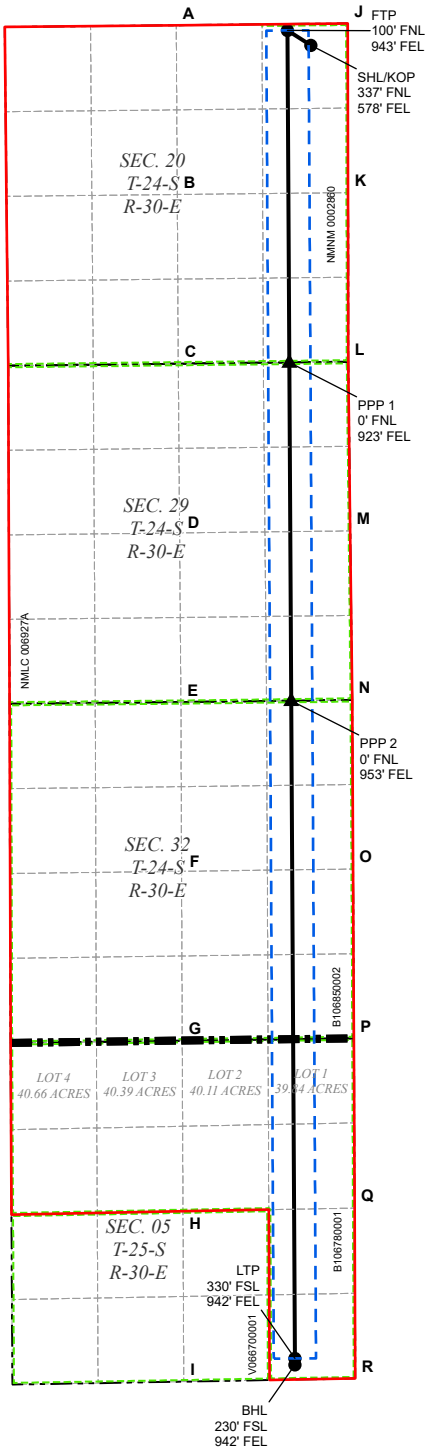
<div>OPERATOR CERTIFICATIONS</div> <div><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p><p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p></div> <div><div>Lacey Granillo5/29/25</div><div>SignatureDate</div><div>Lacey Granillo</div><div>Printed Name</div><div>Lacey.granillo@exxonmobil.com</div><div>Email Address</div></div>	<div>SURVEYOR CERTIFICATIONS</div> <div><p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p></div> <div><div></div><div></div></div> <div><div>Signature and Seal of Professional Surveyor</div><div><div>23786</div><div>05-22-2025</div></div><div>Certificate NumberDate of Survey</div></div> <div>DB618.013003.06-58</div>
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

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

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



LEGEND

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

WELL COORDINATE TABLE								
WELL	NAD 83 NME X	NAD 83 NME Y	NAD 83 LAT	NAD 83 LON	NAD 27 NME X	NAD 27 NME Y	NAD 27 LAT	NAD 27 LON
SHL/KOP	676,364.3	440,231.2	32.209519	-103.896752	635,180.6	440,171.9	32.209394	-103.896265
FTP	675,998.5	440,464.3	32.210163	-103.897932	634,814.8	440,405.0	32.210039	-103.897445
LTP	676,115.1	419,714.4	32.153124	-103.897827	634,930.7	419,655.7	32.152999	-103.897342
BHL	676,115.6	419,614.4	32.152849	-103.897826	634,931.2	419,555.7	32.152724	-103.897341
PPP 1	676,027.7	435,277.4	32.195905	-103.897906	634,843.8	435,218.3	32.195781	-103.897419
PPP 2	676,057.3	429,992.0	32.181376	-103.897879	634,873.3	429,932.9	32.181251	-103.897393

CORNER COORDINATE TABLE				
CORNER	NAD 83 NME X	NAD 83 NME Y	NAD 27 NME X	NAD 27 NME Y
A	674,262.0	440,546.3	633,078.3	440,487.0
B	674,277.3	437,901.7	633,093.6	437,842.5
C	674,292.7	435,257.6	633,108.8	435,198.5
D	674,313.5	432,613.8	633,129.5	432,554.7
E	674,334.3	429,970.0	633,150.3	429,910.9
F	674,344.5	427,326.7	633,160.4	427,267.8
G	674,354.7	424,680.7	633,170.5	424,621.8
H	674,366.8	422,013.8	633,182.5	421,955.0
I	674,378.8	419,352.4	633,194.4	419,293.6
J	676,941.2	440,574.0	635,757.5	440,514.8
K	676,946.1	437,930.7	635,762.3	437,871.4
L	676,950.6	435,288.0	635,766.7	435,228.8
M	676,980.3	432,645.3	635,796.4	432,586.2
N	677,010.4	430,004.1	635,826.3	429,945.1
O	677,023.8	427,361.7	635,839.7	427,302.8
P	677,036.7	424,716.9	635,852.5	424,658.0
Q	677,047.1	422,064.2	635,862.8	422,005.4

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

XTO Energy Inc.

PLU 20 Dog Town Draw 410H

Projected TD: 31412.47' MD / 10853' TVD

SHL: 337' FNL & 578' FEL , Section 20, T24S, R30E

BHL: 230' FSL & 942' FEL , Section 5, T25S, R30E

Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

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

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	929'	Water
Top of Salt	1332'	Water
Base of Salt	3525'	Water
Delaware	3719'	Water
Brushy Canyon	6217'	Water/Oil/Gas
Bone Spring	7513'	Water
1st Bone Spring	8499'	Water/Oil/Gas
2nd Bone Spring	9317'	Water/Oil/Gas
3rd Bone Spring	10411'	Water/Oil/Gas
Wolfcamp	10802'	Water/Oil/Gas
Wolfcamp X	10823'	Water/Oil/Gas
Target/Land Curve	10853'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon

*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13.375 inch casing @ 1029' (303' above the salt) and circulating cement back to surface. The intermediate will isolate from the top of salt down to the next casing seat by setting 9.625 inch casing at 9954.04' and cemented to surface. A 8.5 inch curve and 8.5 inch lateral hole will be drilled to 31412.47 MD/TD and 6 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 9654.04 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 1029'	13.375	54.5	J-55	BTC	New	1.16	2.51	16.21
12.25	0' – 4000'	9.625	40	HC P-110	BTC	New	1.85	2.31	3.18
12.25	4000' – 9954.04'	9.625	40	HC L-80	BTC	New	1.35	1.76	3.85
8.5	0' – 9854.04'	6	26	P-110	Semi-Premium	New	1.17	2.24	1.56
8.5	9854.04' - 31412.47'	6	26	P-110	Semi-Premium	New	1.17	2.04	1.76

- XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry
- XTO requests to not utilize centralizers in the curve and lateral
- 9.625 Collapse analyzed using 50% evacuation based on regional experience.
- 6 Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
- Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less
- XTO requests the option to use 5.5" BTC Float equipment for the the production casing

Wellhead:

Permanent Wellhead – Multibowl System

A. Starting Head: 13-5/8" 10M top flange x 13-3/8" SOW bottom (or equivalent)

B. Tubing Head: 13-5/8" 10M bottom flange x 7-1/16" 15M top flange (or equivalent)

- Wellhead will be installed by manufacturer's representatives.
- Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- Operator will test the 9-5/8" casing per BLM Onshore Order 2
- Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 1029'

Lead: 540 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft³/sx, 10.13 gal/sx water)

Tail: 300 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft³/sx, 6.39 gal/sx water)

Top of Cement: Surface

Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate Casing: 9.625, 40 New casing to be set at +/- 9954.04'

1st Stage

Optional Lead: 1050 sxs Class C (mixed at 10.5 ppg, 2.77 ft³/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 1080 sxs Class C (mixed at 14.8 ppg, 1.35 ft³/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 6217

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

2nd Stage

Lead: 0 sxs Class C (mixed at 12.9 ppg, 2.16 ft³/sx, 9.61 gal/sx water)

Tail: 2190 sxs Class C (mixed at 14.8 ppg, 1.33 ft³/sx, 6.39 gal/sx water)

Top of Cement: 0

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

XTO requests to pump a two stage cement job on the 9-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (6217') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement inside the first intermediate casing. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing: 6, 26 New Semi-Premium, P-110 casing to be set at +/- 31412.47'

Lead: 40 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft³/sx, 15.00 gal/sx water) Top of Cement: 9654.04 feet

Tail: 3610 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft³/sx, 8.38 gal/sx water) Top of Cement: 10154.04 feet

Compressives: 12-hr = 800 psi 24 hr = 1500 psi

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

5. Pressure Control Equipment

Once the permanent WH is installed on the 13.375 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 10M Double Ram BOP. MASP should not exceed 4272 psi. In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M).

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nipping up on the 13.375, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipping up on the 9.625, the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each week.

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

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per Cactus recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and both intermediate strings are all completed, XTO will begin drilling the production

hole on each of the wells.

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. Based on discussions with the BLM on February 27th 2020, we will request permission to **ONLY** retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad 2. When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 1029'	17.5	FW/Native	8.4-8.9	35-40	NC
1029' - 9954.04'	12.25	FW / Cut Brine / Direct Emulsion	8.8-9.3	30-32	NC
9954.04' - 31412.47'	8.5	OBM	11.8-12.3	50-60	NC - 20

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

Spud with fresh water/native mud. Drill out from under 9-5/8" surface casing with brine solution. A 9.7 ppg - 10.2 ppg cut brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 13.375 casing.

8. Logging, Coring and Testing Program

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 175 to 195 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 6659 psi.

10. Anticipated Starting Date and Duration of Operations

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

Well Plan Report - Poker Lake Unit 20 DTD South 410H

Measured Depth: 31412.47 ft

TVD RKB: 10853.00 ft

Location

Cartographic Reference System: New Mexico East - NAD 27

Northing: 440171.90 ft

Easting: 635180.60 ft

RKB: 3322.00 ft

Ground Level: 3290.00 ft

North Reference: Grid

Convergence Angle: 0.23 Deg

Plan Sections

Poker Lake Unit 20 DTD South 410H

Measured			TVD			Build	Turn	Dogleg		
Depth	Inclination	Azimuth	RKB	Y Offset	X Offset	Rate	Rate	Rate	Target	
(ft)	(Deg)	(Deg)	(ft)	(ft)	(ft)	(Deg/100ft)	(Deg/100ft)	(Deg/100ft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00		
1330.95	4.62	302.51	1330.70	5.00	-7.85	2.00	0.00	2.00		
6486.30	4.62	302.51	6469.30	228.10	-357.95	0.00	0.00	0.00		
6717.24	0.00	0.00	6700.00	233.10	-365.80	-2.00	0.00	2.00		
10154.04	0.00	0.00	10136.80	233.10	-365.80	0.00	0.00	0.00		
11279.04	90.00	179.68	10853.00	-483.09	-361.80	8.00	0.00	8.00		
31312.46	90.00	179.68	10853.00	-20516.19	-249.91	0.00	0.00	0.00	LTP 23	
31412.47	90.00	179.68	10853.00	-20616.20	-249.35	0.00	0.00	0.00	BHL 23	

Position Uncertainty

Poker Lake Unit 20 DTD South 410H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Semi-minor	Tool
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Depth	Inclination	Azimuth	RKB	Error	Bias	Error	Bias	Error	Bias	of Bias	Error	Error	Azimuth	Used
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.700	0.000	0.350	0.000	2.300	0.000	0.000	0.751	0.220	112.264	MWD+IFR1+MS
200.000	0.000	0.000	200.000	1.112	0.000	0.861	0.000	2.309	0.000	0.000	1.259	0.627	122.711	MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.497	0.000	1.271	0.000	2.325	0.000	0.000	1.698	0.986	125.469	MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.871	0.000	1.658	0.000	2.347	0.000	0.000	2.108	1.344	126.713	MWD+IFR1+MS
500.000	0.000	0.000	500.000	2.240	0.000	2.034	0.000	2.374	0.000	0.000	2.503	1.701	127.419	MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.607	0.000	2.405	0.000	2.406	0.000	0.000	2.888	2.059	127.873	MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.971	0.000	2.773	0.000	2.443	0.000	0.000	3.267	2.417	128.190	MWD+IFR1+MS
800.000	0.000	0.000	800.000	3.334	0.000	3.138	0.000	2.484	0.000	0.000	3.642	2.775	128.423	MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.696	0.000	3.502	0.000	2.530	0.000	0.000	4.014	3.133	128.602	MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	4.058	0.000	3.865	0.000	2.580	0.000	0.000	4.384	3.491	128.744	MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	4.419	0.000	4.228	0.000	2.633	0.000	0.000	4.752	3.849	128.859	MWD+IFR1+MS
1200.000	2.000	302.507	1199.980	4.345	0.000	5.088	0.000	2.689	0.000	0.000	5.088	4.347	122.720	MWD+IFR1+MS
1300.000	4.000	302.507	1299.838	5.226	0.000	5.418	0.000	2.749	0.000	0.000	5.487	5.160	94.714	MWD+IFR1+MS
1330.945	4.619	302.507	1330.695	5.338	0.000	5.512	0.000	2.765	0.000	0.000	5.590	5.267	92.608	MWD+IFR1+MS
1400.000	4.619	302.507	1399.526	5.564	0.000	5.725	0.000	2.808	0.000	0.000	5.812	5.484	91.148	MWD+IFR1+MS
1500.000	4.619	302.507	1499.201	5.897	0.000	6.055	0.000	2.874	0.000	0.000	6.160	5.798	89.561	MWD+IFR1+MS
1600.000	4.619	302.507	1598.876	6.243	0.000	6.397	0.000	2.943	0.000	0.000	6.525	6.118	87.942	MWD+IFR1+MS
1700.000	4.619	302.507	1698.551	6.590	0.000	6.740	0.000	3.013	0.000	0.000	6.890	6.441	86.765	MWD+IFR1+MS
1800.000	4.619	302.507	1798.227	6.938	0.000	7.086	0.000	3.087	0.000	0.000	7.255	6.767	85.870	MWD+IFR1+MS
1900.000	4.619	302.507	1897.902	7.289	0.000	7.432	0.000	3.162	0.000	0.000	7.621	7.097	85.167	MWD+IFR1+MS
2000.000	4.619	302.507	1997.577	7.640	0.000	7.780	0.000	3.239	0.000	0.000	7.986	7.430	84.599	MWD+IFR1+MS
2100.000	4.619	302.507	2097.252	7.992	0.000	8.130	0.000	3.318	0.000	0.000	8.351	7.765	84.131	MWD+IFR1+MS
2200.000	4.619	302.507	2196.928	8.346	0.000	8.480	0.000	3.399	0.000	0.000	8.715	8.102	83.737	MWD+IFR1+MS
2300.000	4.619	302.507	2296.603	8.700	0.000	8.831	0.000	3.482	0.000	0.000	9.080	8.441	83.401	MWD+IFR1+MS
2400.000	4.619	302.507	2396.278	9.055	0.000	9.183	0.000	3.566	0.000	0.000	9.445	8.781	83.110	MWD+IFR1+MS
2500.000	4.619	302.507	2495.953	9.410	0.000	9.536	0.000	3.652	0.000	0.000	9.809	9.123	82.855	MWD+IFR1+MS
2600.000	4.619	302.507	2595.629	9.766	0.000	9.889	0.000	3.740	0.000	0.000	10.173	9.467	82.629	MWD+IFR1+MS
2700.000	4.619	302.507	2695.304	10.122	0.000	10.243	0.000	3.828	0.000	0.000	10.538	9.812	82.428	MWD+IFR1+MS
2800.000	4.619	302.507	2794.979	10.479	0.000	10.597	0.000	3.919	0.000	0.000	10.902	10.157	82.248	MWD+IFR1+MS
2900.000	4.619	302.507	2894.654	10.837	0.000	10.952	0.000	4.010	0.000	0.000	11.266	10.504	82.084	MWD+IFR1+MS

3000.000	4.619	302.507	2994.329	11.194	0.000	11.307	0.000	4.103	0.000	0.000	11.630	10.852	81.935	MWD+IFR1+MS
3100.000	4.619	302.507	3094.005	11.552	0.000	11.663	0.000	4.198	0.000	0.000	11.994	11.200	81.798	MWD+IFR1+MS
3200.000	4.619	302.507	3193.680	11.911	0.000	12.019	0.000	4.294	0.000	0.000	12.357	11.549	81.672	MWD+IFR1+MS
3300.000	4.619	302.507	3293.355	12.269	0.000	12.375	0.000	4.391	0.000	0.000	12.721	11.899	81.555	MWD+IFR1+MS
3400.000	4.619	302.507	3393.030	12.628	0.000	12.731	0.000	4.489	0.000	0.000	13.085	12.250	81.446	MWD+IFR1+MS
3500.000	4.619	302.507	3492.706	12.987	0.000	13.088	0.000	4.589	0.000	0.000	13.449	12.601	81.345	MWD+IFR1+MS
3600.000	4.619	302.507	3592.381	13.347	0.000	13.445	0.000	4.691	0.000	0.000	13.812	12.952	81.250	MWD+IFR1+MS
3700.000	4.619	302.507	3692.056	13.706	0.000	13.802	0.000	4.794	0.000	0.000	14.176	13.304	81.160	MWD+IFR1+MS
3800.000	4.619	302.507	3791.731	14.066	0.000	14.160	0.000	4.898	0.000	0.000	14.539	13.657	81.076	MWD+IFR1+MS
3900.000	4.619	302.507	3891.407	14.426	0.000	14.517	0.000	5.004	0.000	0.000	14.903	14.009	80.996	MWD+IFR1+MS
4000.000	4.619	302.507	3991.082	14.786	0.000	14.875	0.000	5.111	0.000	0.000	15.266	14.363	80.920	MWD+IFR1+MS
4100.000	4.619	302.507	4090.757	15.146	0.000	15.233	0.000	5.220	0.000	0.000	15.630	14.716	80.848	MWD+IFR1+MS
4200.000	4.619	302.507	4190.432	15.506	0.000	15.591	0.000	5.331	0.000	0.000	15.993	15.070	80.779	MWD+IFR1+MS
4300.000	4.619	302.507	4290.108	15.866	0.000	15.949	0.000	5.443	0.000	0.000	16.357	15.424	80.713	MWD+IFR1+MS
4400.000	4.619	302.507	4389.783	16.227	0.000	16.308	0.000	5.556	0.000	0.000	16.720	15.779	80.649	MWD+IFR1+MS
4500.000	4.619	302.507	4489.458	16.588	0.000	16.666	0.000	5.672	0.000	0.000	17.083	16.134	80.589	MWD+IFR1+MS
4600.000	4.619	302.507	4589.133	16.948	0.000	17.025	0.000	5.789	0.000	0.000	17.447	16.489	80.530	MWD+IFR1+MS
4700.000	4.619	302.507	4688.808	17.309	0.000	17.384	0.000	5.908	0.000	0.000	17.810	16.844	80.474	MWD+IFR1+MS
4800.000	4.619	302.507	4788.484	17.670	0.000	17.742	0.000	6.028	0.000	0.000	18.173	17.199	80.420	MWD+IFR1+MS
4900.000	4.619	302.507	4888.159	18.031	0.000	18.101	0.000	6.150	0.000	0.000	18.537	17.555	80.367	MWD+IFR1+MS
5000.000	4.619	302.507	4987.834	18.392	0.000	18.460	0.000	6.275	0.000	0.000	18.900	17.911	80.316	MWD+IFR1+MS
5100.000	4.619	302.507	5087.509	18.753	0.000	18.820	0.000	6.401	0.000	0.000	19.263	18.267	80.266	MWD+IFR1+MS
5200.000	4.619	302.507	5187.185	19.114	0.000	19.179	0.000	6.529	0.000	0.000	19.626	18.623	80.218	MWD+IFR1+MS
5300.000	4.619	302.507	5286.860	19.476	0.000	19.538	0.000	6.658	0.000	0.000	19.990	18.980	80.172	MWD+IFR1+MS
5400.000	4.619	302.507	5386.535	19.837	0.000	19.897	0.000	6.790	0.000	0.000	20.353	19.336	80.126	MWD+IFR1+MS
5500.000	4.619	302.507	5486.210	20.198	0.000	20.257	0.000	6.924	0.000	0.000	20.716	19.693	80.082	MWD+IFR1+MS
5600.000	4.619	302.507	5585.886	20.560	0.000	20.616	0.000	7.060	0.000	0.000	21.079	20.050	80.038	MWD+IFR1+MS
5700.000	4.619	302.507	5685.561	20.921	0.000	20.976	0.000	7.198	0.000	0.000	21.442	20.407	79.996	MWD+IFR1+MS
5800.000	4.619	302.507	5785.236	21.283	0.000	21.335	0.000	7.338	0.000	0.000	21.805	20.764	79.954	MWD+IFR1+MS
5900.000	4.619	302.507	5884.911	21.645	0.000	21.695	0.000	7.480	0.000	0.000	22.168	21.121	79.914	MWD+IFR1+MS
6000.000	4.619	302.507	5984.587	22.006	0.000	22.055	0.000	7.624	0.000	0.000	22.532	21.478	79.874	MWD+IFR1+MS
6100.000	4.619	302.507	6084.262	22.368	0.000	22.414	0.000	7.771	0.000	0.000	22.895	21.836	79.835	MWD+IFR1+MS
6200.000	4.619	302.507	6183.937	22.730	0.000	22.774	0.000	7.920	0.000	0.000	23.258	22.193	79.796	MWD+IFR1+MS

6300.000	4.619	302.507	6283.612	23.092	0.000	23.134	0.000	8.071	0.000	0.000	23.621	22.551	79.758	MWD+IFR1+MS
6400.000	4.619	302.507	6383.287	23.453	0.000	23.494	0.000	8.224	0.000	0.000	23.984	22.908	79.721	MWD+IFR1+MS
6486.297	4.619	302.507	6469.305	23.764	0.000	23.803	0.000	8.358	0.000	0.000	24.294	23.217	79.696	MWD+IFR1+MS
6500.000	4.345	302.507	6482.965	23.814	0.000	23.851	0.000	8.380	0.000	0.000	24.342	23.266	79.695	MWD+IFR1+MS
6600.000	2.345	302.507	6582.790	24.197	0.000	24.204	0.000	8.537	0.000	0.000	24.716	23.634	78.764	MWD+IFR1+MS
6700.000	0.345	302.507	6682.757	24.624	0.000	24.560	0.000	8.695	0.000	0.000	25.145	24.019	76.088	MWD+IFR1+MS
6717.243	0.000	0.000	6700.000	25.140	0.000	24.146	0.000	8.722	0.000	0.000	25.204	24.079	76.079	MWD+IFR1+MS
6800.000	0.000	0.000	6782.757	25.422	0.000	24.433	0.000	8.853	0.000	0.000	25.484	24.369	76.249	MWD+IFR1+MS
6900.000	0.000	0.000	6882.757	25.765	0.000	24.786	0.000	9.014	0.000	0.000	25.823	24.725	76.607	MWD+IFR1+MS
7000.000	0.000	0.000	6982.757	26.110	0.000	25.139	0.000	9.177	0.000	0.000	26.164	25.084	77.021	MWD+IFR1+MS
7100.000	0.000	0.000	7082.757	26.456	0.000	25.493	0.000	9.343	0.000	0.000	26.505	25.442	77.436	MWD+IFR1+MS
7200.000	0.000	0.000	7182.757	26.802	0.000	25.847	0.000	9.511	0.000	0.000	26.847	25.800	77.854	MWD+IFR1+MS
7300.000	0.000	0.000	7282.757	27.148	0.000	26.201	0.000	9.682	0.000	0.000	27.190	26.157	78.273	MWD+IFR1+MS
7400.000	0.000	0.000	7382.757	27.494	0.000	26.555	0.000	9.855	0.000	0.000	27.532	26.515	78.693	MWD+IFR1+MS
7500.000	0.000	0.000	7482.757	27.841	0.000	26.909	0.000	10.032	0.000	0.000	27.876	26.873	79.114	MWD+IFR1+MS
7600.000	0.000	0.000	7582.757	28.188	0.000	27.264	0.000	10.211	0.000	0.000	28.220	27.230	79.536	MWD+IFR1+MS
7700.000	0.000	0.000	7682.757	28.535	0.000	27.618	0.000	10.392	0.000	0.000	28.564	27.588	79.959	MWD+IFR1+MS
7800.000	0.000	0.000	7782.757	28.882	0.000	27.973	0.000	10.577	0.000	0.000	28.909	27.945	80.383	MWD+IFR1+MS
7900.000	0.000	0.000	7882.757	29.230	0.000	28.327	0.000	10.764	0.000	0.000	29.254	28.303	80.806	MWD+IFR1+MS
8000.000	0.000	0.000	7982.757	29.578	0.000	28.682	0.000	10.954	0.000	0.000	29.600	28.660	81.230	MWD+IFR1+MS
8100.000	0.000	0.000	8082.757	29.927	0.000	29.037	0.000	11.147	0.000	0.000	29.946	29.017	81.655	MWD+IFR1+MS
8200.000	0.000	0.000	8182.757	30.275	0.000	29.392	0.000	11.342	0.000	0.000	30.292	29.374	82.079	MWD+IFR1+MS
8300.000	0.000	0.000	8282.757	30.624	0.000	29.747	0.000	11.540	0.000	0.000	30.639	29.731	82.502	MWD+IFR1+MS
8400.000	0.000	0.000	8382.757	30.973	0.000	30.102	0.000	11.741	0.000	0.000	30.986	30.088	82.925	MWD+IFR1+MS
8500.000	0.000	0.000	8482.757	31.322	0.000	30.457	0.000	11.945	0.000	0.000	31.334	30.445	83.347	MWD+IFR1+MS
8600.000	0.000	0.000	8582.757	31.672	0.000	30.813	0.000	12.152	0.000	0.000	31.682	30.802	83.769	MWD+IFR1+MS
8700.000	0.000	0.000	8682.757	32.021	0.000	31.168	0.000	12.362	0.000	0.000	32.030	31.159	84.189	MWD+IFR1+MS
8800.000	0.000	0.000	8782.757	32.371	0.000	31.523	0.000	12.574	0.000	0.000	32.379	31.516	84.608	MWD+IFR1+MS
8900.000	0.000	0.000	8882.757	32.721	0.000	31.879	0.000	12.790	0.000	0.000	32.727	31.872	85.026	MWD+IFR1+MS
9000.000	0.000	0.000	8982.757	33.071	0.000	32.234	0.000	13.008	0.000	0.000	33.076	32.229	85.442	MWD+IFR1+MS
9100.000	0.000	0.000	9082.757	33.422	0.000	32.590	0.000	13.229	0.000	0.000	33.426	32.586	85.856	MWD+IFR1+MS
9200.000	0.000	0.000	9182.757	33.772	0.000	32.946	0.000	13.454	0.000	0.000	33.776	32.942	86.269	MWD+IFR1+MS
9300.000	0.000	0.000	9282.757	34.123	0.000	33.301	0.000	13.681	0.000	0.000	34.125	33.299	86.679	MWD+IFR1+MS

9400.000	0.000	0.000	9382.757	34.474	0.000	33.657	0.000	13.911	0.000	0.000	34.476	33.655	87.087	MWD+IFR1+MS
9500.000	0.000	0.000	9482.757	34.825	0.000	34.013	0.000	14.144	0.000	0.000	34.826	34.012	87.493	MWD+IFR1+MS
9600.000	0.000	0.000	9582.757	35.176	0.000	34.369	0.000	14.380	0.000	0.000	35.177	34.368	87.896	MWD+IFR1+MS
9700.000	0.000	0.000	9682.757	35.527	0.000	34.725	0.000	14.618	0.000	0.000	35.528	34.724	88.296	MWD+IFR1+MS
9800.000	0.000	0.000	9782.757	35.878	0.000	35.081	0.000	14.860	0.000	0.000	35.879	35.081	88.694	MWD+IFR1+MS
9900.000	0.000	0.000	9882.757	36.230	0.000	35.437	0.000	15.105	0.000	0.000	36.230	35.437	89.089	MWD+IFR1+MS
10000.000	0.000	0.000	9982.757	36.582	0.000	35.793	0.000	15.353	0.000	0.000	36.582	35.793	89.481	MWD+IFR1+MS
10100.000	0.000	0.000	10082.757	36.934	0.000	36.149	0.000	15.603	0.000	0.000	36.934	36.149	89.869	MWD+IFR1+MS
10154.043	0.000	0.000	10136.800	37.122	0.000	36.340	0.000	15.740	0.000	0.000	37.122	36.340	89.946	MWD+IFR1+MS
10200.000	3.677	179.680	10182.726	37.171	0.000	36.494	-0.000	15.857	0.000	0.000	37.285	36.494	89.948	MWD+IFR1+MS
10300.000	11.677	179.680	10281.749	37.422	0.000	36.812	-0.000	16.141	0.000	0.000	38.188	36.810	91.510	MWD+IFR1+MS
10400.000	19.677	179.680	10377.951	37.624	0.000	37.118	-0.000	16.566	0.000	0.000	39.507	37.112	92.435	MWD+IFR1+MS
10500.000	27.677	179.680	10469.459	37.273	0.000	37.406	-0.000	17.192	0.000	0.000	40.667	37.395	92.842	MWD+IFR1+MS
10600.000	35.677	179.680	10554.493	36.435	0.000	37.673	-0.000	18.057	0.000	0.000	41.647	37.658	93.112	MWD+IFR1+MS
10700.000	43.677	179.680	10631.396	35.200	0.000	37.918	-0.000	19.169	0.000	0.000	42.438	37.898	93.329	MWD+IFR1+MS
10800.000	51.677	179.680	10698.673	33.691	0.000	38.138	-0.000	20.505	0.000	0.000	43.040	38.114	93.518	MWD+IFR1+MS
10900.000	59.677	179.680	10755.014	32.064	0.000	38.332	-0.000	22.024	0.000	0.000	43.465	38.305	93.681	MWD+IFR1+MS
11000.000	67.677	179.680	10799.321	30.512	0.000	38.499	-0.000	23.670	0.000	0.000	43.733	38.470	93.808	MWD+IFR1+MS
11100.000	75.677	179.680	10830.734	29.256	0.000	38.639	-0.000	25.382	0.000	0.000	43.874	38.609	93.877	MWD+IFR1+MS
11200.000	83.677	179.680	10848.640	28.522	0.000	38.750	-0.000	27.103	0.000	0.000	43.927	38.721	93.856	MWD+IFR1+MS
11279.043	90.000	179.680	10852.997	27.989	0.000	38.815	-0.000	27.989	0.000	0.000	43.935	38.788	93.736	MWD+IFR1+MS
11300.000	90.000	179.680	10852.997	28.028	0.000	38.829	-0.000	28.028	0.000	0.000	43.936	38.802	93.693	MWD+IFR1+MS
11400.000	90.000	179.680	10852.997	28.177	0.000	38.909	-0.000	28.177	0.000	0.000	43.938	38.885	93.495	MWD+IFR1+MS
11500.000	90.000	179.680	10852.997	28.351	0.000	39.007	-0.000	28.351	0.000	0.000	43.941	38.986	93.303	MWD+IFR1+MS
11600.000	90.000	179.680	10852.997	28.545	0.000	39.120	-0.000	28.545	0.000	0.000	43.945	39.101	93.113	MWD+IFR1+MS
11700.000	90.000	179.680	10852.997	28.760	0.000	39.247	-0.000	28.760	0.000	0.000	43.950	39.231	92.923	MWD+IFR1+MS
11800.000	90.000	179.680	10852.997	28.994	0.000	39.389	-0.000	28.994	0.000	0.000	43.955	39.375	92.734	MWD+IFR1+MS
11900.000	90.000	179.680	10852.997	29.247	0.000	39.545	-0.000	29.247	0.000	0.000	43.961	39.533	92.541	MWD+IFR1+MS
12000.000	90.000	179.680	10852.997	29.519	0.000	39.715	-0.000	29.519	0.000	0.000	43.968	39.705	92.345	MWD+IFR1+MS
12100.000	90.000	179.680	10852.997	29.809	0.000	39.899	-0.000	29.809	0.000	0.000	43.975	39.891	92.141	MWD+IFR1+MS
12200.000	90.000	179.680	10852.997	30.117	0.000	40.097	-0.000	30.117	0.000	0.000	43.984	40.091	91.927	MWD+IFR1+MS
12300.000	90.000	179.680	10852.997	30.442	0.000	40.309	-0.000	30.442	0.000	0.000	43.993	40.304	91.700	MWD+IFR1+MS
12400.000	90.000	179.680	10852.997	30.783	0.000	40.534	-0.000	30.783	0.000	0.000	44.002	40.530	91.454	MWD+IFR1+MS

12500.000	90.000	179.680	10852.997	31.141	0.000	40.772	-0.000	31.141	0.000	0.000	44.013	40.769	91.184	MWD+IFR1+MS
12600.000	90.000	179.680	10852.997	31.514	0.000	41.023	-0.000	31.514	0.000	0.000	44.024	41.021	90.879	MWD+IFR1+MS
12700.000	90.000	179.680	10852.997	31.902	0.000	41.286	-0.000	31.902	0.000	0.000	44.036	41.286	90.528	MWD+IFR1+MS
12800.000	90.000	179.680	10852.997	32.304	0.000	41.562	-0.000	32.304	0.000	0.000	44.048	41.562	90.112	MWD+IFR1+MS
12900.000	90.000	179.680	10852.997	32.720	0.000	41.851	-0.000	32.720	0.000	0.000	44.062	41.850	89.600	MWD+IFR1+MS
13000.000	90.000	179.680	10852.997	33.150	0.000	42.151	-0.000	33.150	0.000	0.000	44.076	42.150	88.943	MWD+IFR1+MS
13100.000	90.000	179.680	10852.997	33.592	0.000	42.462	-0.000	33.592	0.000	0.000	44.092	42.461	88.054	MWD+IFR1+MS
13200.000	90.000	179.680	10852.997	34.047	0.000	42.786	-0.000	34.047	0.000	0.000	44.110	42.782	86.757	MWD+IFR1+MS
13300.000	90.000	179.680	10852.997	34.514	0.000	43.120	-0.000	34.514	0.000	0.000	44.130	43.112	84.658	MWD+IFR1+MS
13400.000	90.000	179.680	10852.997	34.992	0.000	43.466	-0.000	34.992	0.000	0.000	44.157	43.448	80.657	MWD+IFR1+MS
13500.000	90.000	179.680	10852.997	35.481	0.000	43.822	-0.000	35.481	0.000	0.000	44.201	43.776	70.710	MWD+IFR1+MS
13600.000	90.000	179.680	10852.997	35.980	0.000	44.188	-0.000	35.980	0.000	0.000	44.332	44.030	43.377	MWD+IFR1+MS
13700.000	90.000	179.680	10852.997	36.489	0.000	44.564	-0.000	36.489	0.000	0.000	44.631	44.125	21.023	MWD+IFR1+MS
13800.000	90.000	179.680	10852.997	37.008	0.000	44.951	-0.000	37.008	0.000	0.000	44.997	44.164	13.384	MWD+IFR1+MS
13900.000	90.000	179.680	10852.997	37.537	0.000	45.347	-0.000	37.537	0.000	0.000	45.385	44.192	10.068	MWD+IFR1+MS
14000.000	90.000	179.680	10852.997	38.074	0.000	45.752	-0.000	38.074	0.000	0.000	45.787	44.216	8.248	MWD+IFR1+MS
14100.000	90.000	179.680	10852.997	38.620	0.000	46.167	-0.000	38.620	0.000	0.000	46.199	44.238	7.098	MWD+IFR1+MS
14200.000	90.000	179.680	10852.997	39.173	0.000	46.590	-0.000	39.173	0.000	0.000	46.621	44.261	6.302	MWD+IFR1+MS
14300.000	90.000	179.680	10852.997	39.735	0.000	47.023	-0.000	39.735	0.000	0.000	47.052	44.283	5.715	MWD+IFR1+MS
14400.000	90.000	179.680	10852.997	40.304	0.000	47.463	-0.000	40.304	0.000	0.000	47.492	44.306	5.261	MWD+IFR1+MS
14500.000	90.000	179.680	10852.997	40.880	0.000	47.912	-0.000	40.880	0.000	0.000	47.941	44.329	4.898	MWD+IFR1+MS
14600.000	90.000	179.680	10852.997	41.463	0.000	48.369	-0.000	41.463	0.000	0.000	48.397	44.352	4.599	MWD+IFR1+MS
14700.000	90.000	179.680	10852.997	42.053	0.000	48.833	-0.000	42.053	0.000	0.000	48.861	44.376	4.348	MWD+IFR1+MS
14800.000	90.000	179.680	10852.997	42.648	0.000	49.305	-0.000	42.648	0.000	0.000	49.333	44.401	4.133	MWD+IFR1+MS
14900.000	90.000	179.680	10852.997	43.250	0.000	49.784	-0.000	43.250	0.000	0.000	49.812	44.426	3.947	MWD+IFR1+MS
15000.000	90.000	179.680	10852.997	43.858	0.000	50.270	-0.000	43.858	0.000	0.000	50.299	44.451	3.782	MWD+IFR1+MS
15100.000	90.000	179.680	10852.997	44.471	0.000	50.764	-0.000	44.471	0.000	0.000	50.792	44.477	3.636	MWD+IFR1+MS
15200.000	90.000	179.680	10852.997	45.090	0.000	51.263	-0.000	45.090	0.000	0.000	51.292	44.504	3.504	MWD+IFR1+MS
15300.000	90.000	179.680	10852.997	45.713	0.000	51.770	-0.000	45.713	0.000	0.000	51.798	44.531	3.385	MWD+IFR1+MS
15400.000	90.000	179.680	10852.997	46.342	0.000	52.283	-0.000	46.342	0.000	0.000	52.311	44.559	3.276	MWD+IFR1+MS
15500.000	90.000	179.680	10852.997	46.975	0.000	52.801	-0.000	46.975	0.000	0.000	52.830	44.587	3.176	MWD+IFR1+MS
15600.000	90.000	179.680	10852.997	47.613	0.000	53.326	-0.000	47.613	0.000	0.000	53.354	44.616	3.084	MWD+IFR1+MS
15700.000	90.000	179.680	10852.997	48.255	0.000	53.857	-0.000	48.255	0.000	0.000	53.885	44.645	2.999	MWD+IFR1+MS

15800.000	90.000	179.680	10852.997	48.901	0.000	54.393	-0.000	48.901	0.000	0.000	54.421	44.675	2.919	MWD+IFR1+MS
15900.000	90.000	179.680	10852.997	49.552	0.000	54.934	-0.000	49.552	0.000	0.000	54.963	44.705	2.845	MWD+IFR1+MS
16000.000	90.000	179.680	10852.997	50.206	0.000	55.481	-0.000	50.206	0.000	0.000	55.509	44.736	2.775	MWD+IFR1+MS
16100.000	90.000	179.680	10852.997	50.863	0.000	56.033	-0.000	50.863	0.000	0.000	56.061	44.768	2.709	MWD+IFR1+MS
16200.000	90.000	179.680	10852.997	51.525	0.000	56.590	-0.000	51.525	0.000	0.000	56.618	44.800	2.647	MWD+IFR1+MS
16300.000	90.000	179.680	10852.997	52.190	0.000	57.152	-0.000	52.190	0.000	0.000	57.180	44.833	2.589	MWD+IFR1+MS
16400.000	90.000	179.680	10852.997	52.858	0.000	57.718	-0.000	52.858	0.000	0.000	57.747	44.866	2.533	MWD+IFR1+MS
16500.000	90.000	179.680	10852.997	53.529	0.000	58.289	-0.000	53.529	0.000	0.000	58.318	44.900	2.480	MWD+IFR1+MS
16600.000	90.000	179.680	10852.997	54.203	0.000	58.865	-0.000	54.203	0.000	0.000	58.893	44.934	2.430	MWD+IFR1+MS
16700.000	90.000	179.680	10852.997	54.880	0.000	59.444	-0.000	54.880	0.000	0.000	59.473	44.969	2.381	MWD+IFR1+MS
16800.000	90.000	179.680	10852.997	55.560	0.000	60.028	-0.000	55.560	0.000	0.000	60.056	45.004	2.335	MWD+IFR1+MS
16900.000	90.000	179.680	10852.997	56.243	0.000	60.616	-0.000	56.243	0.000	0.000	60.644	45.040	2.291	MWD+IFR1+MS
17000.000	90.000	179.680	10852.997	56.929	0.000	61.208	-0.000	56.929	0.000	0.000	61.236	45.077	2.249	MWD+IFR1+MS
17100.000	90.000	179.680	10852.997	57.617	0.000	61.804	-0.000	57.617	0.000	0.000	61.832	45.114	2.208	MWD+IFR1+MS
17200.000	90.000	179.680	10852.997	58.307	0.000	62.403	-0.000	58.307	0.000	0.000	62.431	45.151	2.169	MWD+IFR1+MS
17300.000	90.000	179.680	10852.997	59.000	0.000	63.006	-0.000	59.000	0.000	0.000	63.034	45.189	2.132	MWD+IFR1+MS
17400.000	90.000	179.680	10852.997	59.695	0.000	63.612	-0.000	59.695	0.000	0.000	63.640	45.228	2.095	MWD+IFR1+MS
17500.000	90.000	179.680	10852.997	60.392	0.000	64.222	-0.000	60.392	0.000	0.000	64.250	45.267	2.060	MWD+IFR1+MS
17600.000	90.000	179.680	10852.997	61.091	0.000	64.836	-0.000	61.091	0.000	0.000	64.863	45.307	2.027	MWD+IFR1+MS
17700.000	90.000	179.680	10852.997	61.793	0.000	65.452	-0.000	61.793	0.000	0.000	65.480	45.347	1.994	MWD+IFR1+MS
17800.000	90.000	179.680	10852.997	62.496	0.000	66.071	-0.000	62.496	0.000	0.000	66.099	45.388	1.962	MWD+IFR1+MS
17900.000	90.000	179.680	10852.997	63.201	0.000	66.694	-0.000	63.201	0.000	0.000	66.722	45.430	1.932	MWD+IFR1+MS
18000.000	90.000	179.680	10852.997	63.909	0.000	67.319	-0.000	63.909	0.000	0.000	67.347	45.472	1.902	MWD+IFR1+MS
18100.000	90.000	179.680	10852.997	64.617	0.000	67.948	-0.000	64.617	0.000	0.000	67.975	45.514	1.873	MWD+IFR1+MS
18200.000	90.000	179.680	10852.997	65.328	0.000	68.579	-0.000	65.328	0.000	0.000	68.606	45.557	1.846	MWD+IFR1+MS
18300.000	90.000	179.680	10852.997	66.041	0.000	69.213	-0.000	66.041	0.000	0.000	69.240	45.600	1.819	MWD+IFR1+MS
18400.000	90.000	179.680	10852.997	66.755	0.000	69.849	-0.000	66.755	0.000	0.000	69.876	45.645	1.792	MWD+IFR1+MS
18500.000	90.000	179.680	10852.997	67.470	0.000	70.488	-0.000	67.470	0.000	0.000	70.515	45.689	1.767	MWD+IFR1+MS
18600.000	90.000	179.680	10852.997	68.187	0.000	71.130	-0.000	68.187	0.000	0.000	71.157	45.734	1.742	MWD+IFR1+MS
18700.000	90.000	179.680	10852.997	68.906	0.000	71.774	-0.000	68.906	0.000	0.000	71.801	45.780	1.718	MWD+IFR1+MS
18800.000	90.000	179.680	10852.997	69.626	0.000	72.420	-0.000	69.626	0.000	0.000	72.447	45.826	1.694	MWD+IFR1+MS
18900.000	90.000	179.680	10852.997	70.347	0.000	73.069	-0.000	70.347	0.000	0.000	73.096	45.872	1.671	MWD+IFR1+MS
19000.000	90.000	179.680	10852.997	71.070	0.000	73.720	-0.000	71.070	0.000	0.000	73.746	45.920	1.649	MWD+IFR1+MS

19100.000	90.000	179.680	10852.997	71.794	0.000	74.373	-0.000	71.794	0.000	0.000	74.399	45.967	1.627	MWD+IFR1+MS
19200.000	90.000	179.680	10852.997	72.519	0.000	75.028	-0.000	72.519	0.000	0.000	75.055	46.015	1.605	MWD+IFR1+MS
19300.000	90.000	179.680	10852.997	73.246	0.000	75.685	-0.000	73.246	0.000	0.000	75.712	46.064	1.585	MWD+IFR1+MS
19400.000	90.000	179.680	10852.997	73.973	0.000	76.345	-0.000	73.973	0.000	0.000	76.371	46.113	1.564	MWD+IFR1+MS
19500.000	90.000	179.680	10852.997	74.702	0.000	77.006	-0.000	74.702	0.000	0.000	77.032	46.163	1.545	MWD+IFR1+MS
19600.000	90.000	179.680	10852.997	75.432	0.000	77.669	-0.000	75.432	0.000	0.000	77.695	46.213	1.525	MWD+IFR1+MS
19700.000	90.000	179.680	10852.997	76.163	0.000	78.334	-0.000	76.163	0.000	0.000	78.360	46.264	1.506	MWD+IFR1+MS
19800.000	90.000	179.680	10852.997	76.895	0.000	79.001	-0.000	76.895	0.000	0.000	79.027	46.315	1.488	MWD+IFR1+MS
19900.000	90.000	179.680	10852.997	77.628	0.000	79.670	-0.000	77.628	0.000	0.000	79.695	46.367	1.470	MWD+IFR1+MS
20000.000	90.000	179.680	10852.997	78.363	0.000	80.340	-0.000	78.363	0.000	0.000	80.366	46.419	1.452	MWD+IFR1+MS
20100.000	90.000	179.680	10852.997	79.098	0.000	81.012	-0.000	79.098	0.000	0.000	81.038	46.472	1.435	MWD+IFR1+MS
20200.000	90.000	179.680	10852.997	79.834	0.000	81.686	-0.000	79.834	0.000	0.000	81.711	46.525	1.418	MWD+IFR1+MS
20300.000	90.000	179.680	10852.997	80.571	0.000	82.361	-0.000	80.571	0.000	0.000	82.386	46.579	1.401	MWD+IFR1+MS
20400.000	90.000	179.680	10852.997	81.309	0.000	83.038	-0.000	81.309	0.000	0.000	83.063	46.633	1.385	MWD+IFR1+MS
20500.000	90.000	179.680	10852.997	82.047	0.000	83.717	-0.000	82.047	0.000	0.000	83.742	46.688	1.369	MWD+IFR1+MS
20600.000	90.000	179.680	10852.997	82.787	0.000	84.396	-0.000	82.787	0.000	0.000	84.421	46.743	1.353	MWD+IFR1+MS
20700.000	90.000	179.680	10852.997	83.528	0.000	85.078	-0.000	83.528	0.000	0.000	85.103	46.798	1.338	MWD+IFR1+MS
20800.000	90.000	179.680	10852.997	84.269	0.000	85.761	-0.000	84.269	0.000	0.000	85.785	46.855	1.323	MWD+IFR1+MS
20900.000	90.000	179.680	10852.997	85.011	0.000	86.445	-0.000	85.011	0.000	0.000	86.469	46.911	1.308	MWD+IFR1+MS
21000.000	90.000	179.680	10852.997	85.754	0.000	87.130	-0.000	85.754	0.000	0.000	87.155	46.968	1.294	MWD+IFR1+MS
21100.000	90.000	179.680	10852.997	86.497	0.000	87.817	-0.000	86.497	0.000	0.000	87.842	47.026	1.279	MWD+IFR1+MS
21200.000	90.000	179.680	10852.997	87.241	0.000	88.505	-0.000	87.241	0.000	0.000	88.530	47.084	1.266	MWD+IFR1+MS
21300.000	90.000	179.680	10852.997	87.986	0.000	89.195	-0.000	87.986	0.000	0.000	89.219	47.143	1.252	MWD+IFR1+MS
21400.000	90.000	179.680	10852.997	88.732	0.000	89.885	-0.000	88.732	0.000	0.000	89.909	47.202	1.238	MWD+IFR1+MS
21500.000	90.000	179.680	10852.997	89.478	0.000	90.577	-0.000	89.478	0.000	0.000	90.601	47.261	1.225	MWD+IFR1+MS
21600.000	90.000	179.680	10852.997	90.225	0.000	91.270	-0.000	90.225	0.000	0.000	91.294	47.321	1.212	MWD+IFR1+MS
21700.000	90.000	179.680	10852.997	90.973	0.000	91.964	-0.000	90.973	0.000	0.000	91.988	47.381	1.200	MWD+IFR1+MS
21800.000	90.000	179.680	10852.997	91.721	0.000	92.660	-0.000	91.721	0.000	0.000	92.683	47.442	1.187	MWD+IFR1+MS
21900.000	90.000	179.680	10852.997	92.470	0.000	93.356	-0.000	92.470	0.000	0.000	93.380	47.504	1.175	MWD+IFR1+MS
22000.000	90.000	179.680	10852.997	93.219	0.000	94.053	-0.000	93.219	0.000	0.000	94.077	47.566	1.163	MWD+IFR1+MS
22100.000	90.000	179.680	10852.997	93.969	0.000	94.752	-0.000	93.969	0.000	0.000	94.775	47.628	1.151	MWD+IFR1+MS
22200.000	90.000	179.680	10852.997	94.720	0.000	95.451	-0.000	94.720	0.000	0.000	95.475	47.691	1.139	MWD+IFR1+MS
22300.000	90.000	179.680	10852.997	95.471	0.000	96.152	-0.000	95.471	0.000	0.000	96.175	47.754	1.128	MWD+IFR1+MS

22400.000	90.000	179.680	10852.997	96.222	0.000	96.854	-0.000	96.222	0.000	0.000	96.877	47.817	1.116	MWD+IFR1+MS
22500.000	90.000	179.680	10852.997	96.975	0.000	97.556	-0.000	96.975	0.000	0.000	97.579	47.882	1.105	MWD+IFR1+MS
22600.000	90.000	179.680	10852.997	97.727	0.000	98.259	-0.000	97.727	0.000	0.000	98.282	47.946	1.094	MWD+IFR1+MS
22700.000	90.000	179.680	10852.997	98.481	0.000	98.964	-0.000	98.481	0.000	0.000	98.987	48.011	1.084	MWD+IFR1+MS
22800.000	90.000	179.680	10852.997	99.234	0.000	99.669	-0.000	99.234	0.000	0.000	99.692	48.077	1.073	MWD+IFR1+MS
22900.000	90.000	179.680	10852.997	99.988	0.000	100.375	-0.000	99.988	0.000	0.000	100.398	48.143	1.063	MWD+IFR1+MS
23000.000	90.000	179.680	10852.997	100.743	0.000	101.082	-0.000	100.743	0.000	0.000	101.105	48.209	1.052	MWD+IFR1+MS
23100.000	90.000	179.680	10852.997	101.498	0.000	101.790	-0.000	101.498	0.000	0.000	101.812	48.276	1.042	MWD+IFR1+MS
23200.000	90.000	179.680	10852.997	102.254	0.000	102.499	-0.000	102.254	0.000	0.000	102.521	48.343	1.032	MWD+IFR1+MS
23300.000	90.000	179.680	10852.997	103.010	0.000	103.208	-0.000	103.010	0.000	0.000	103.230	48.411	1.023	MWD+IFR1+MS
23400.000	90.000	179.680	10852.997	103.766	0.000	103.919	-0.000	103.766	0.000	0.000	103.941	48.479	1.013	MWD+IFR1+MS
23500.000	90.000	179.680	10852.997	104.523	0.000	104.630	-0.000	104.523	0.000	0.000	104.652	48.547	1.003	MWD+IFR1+MS
23600.000	90.000	179.680	10852.997	105.280	0.000	105.342	-0.000	105.280	0.000	0.000	105.363	48.616	0.994	MWD+IFR1+MS
23700.000	90.000	179.680	10852.997	106.038	0.000	106.054	-0.000	106.038	0.000	0.000	106.076	48.686	0.985	MWD+IFR1+MS
23800.000	90.000	179.680	10852.997	106.796	0.000	106.767	-0.000	106.796	0.000	0.000	106.789	48.756	0.976	MWD+IFR1+MS
23900.000	90.000	179.680	10852.997	107.554	0.000	107.482	-0.000	107.554	0.000	0.000	107.503	48.826	0.967	MWD+IFR1+MS
24000.000	90.000	179.680	10852.997	108.313	0.000	108.196	-0.000	108.313	0.000	0.000	108.218	48.897	0.958	MWD+IFR1+MS
24100.000	90.000	179.680	10852.997	109.072	0.000	108.912	-0.000	109.072	0.000	0.000	108.933	48.968	0.949	MWD+IFR1+MS
24200.000	90.000	179.680	10852.997	109.831	0.000	109.628	-0.000	109.831	0.000	0.000	109.649	49.039	0.941	MWD+IFR1+MS
24300.000	90.000	179.680	10852.997	110.591	0.000	110.345	-0.000	110.591	0.000	0.000	110.366	49.111	0.932	MWD+IFR1+MS
24400.000	90.000	179.680	10852.997	111.351	0.000	111.062	-0.000	111.351	0.000	0.000	111.083	49.184	0.924	MWD+IFR1+MS
24500.000	90.000	179.680	10852.997	112.112	0.000	111.780	-0.000	112.112	0.000	0.000	111.801	49.256	0.916	MWD+IFR1+MS
24600.000	90.000	179.680	10852.997	112.873	0.000	112.499	-0.000	112.873	0.000	0.000	112.520	49.330	0.907	MWD+IFR1+MS
24700.000	90.000	179.680	10852.997	113.634	0.000	113.218	-0.000	113.634	0.000	0.000	113.239	49.403	0.899	MWD+IFR1+MS
24800.000	90.000	179.680	10852.997	114.396	0.000	113.938	-0.000	114.396	0.000	0.000	113.959	49.477	0.891	MWD+IFR1+MS
24900.000	90.000	179.680	10852.997	115.157	0.000	114.659	-0.000	115.157	0.000	0.000	114.679	49.552	0.884	MWD+IFR1+MS
25000.000	90.000	179.680	10852.997	115.919	0.000	115.380	-0.000	115.919	0.000	0.000	115.400	49.627	0.876	MWD+IFR1+MS
25100.000	90.000	179.680	10852.997	116.682	0.000	116.101	-0.000	116.682	0.000	0.000	116.122	49.702	0.868	MWD+IFR1+MS
25200.000	90.000	179.680	10852.997	117.445	0.000	116.824	-0.000	117.445	0.000	0.000	116.844	49.778	0.861	MWD+IFR1+MS
25300.000	90.000	179.680	10852.997	118.208	0.000	117.546	-0.000	118.208	0.000	0.000	117.566	49.854	0.853	MWD+IFR1+MS
25400.000	90.000	179.680	10852.997	118.971	0.000	118.270	-0.000	118.971	0.000	0.000	118.290	49.930	0.846	MWD+IFR1+MS
25500.000	90.000	179.680	10852.997	119.735	0.000	118.993	-0.000	119.735	0.000	0.000	119.013	50.007	0.839	MWD+IFR1+MS
25600.000	90.000	179.680	10852.997	120.498	0.000	119.718	-0.000	120.498	0.000	0.000	119.738	50.084	0.832	MWD+IFR1+MS

25700.000	90.000	179.680	10852.997	121.263	0.000	120.443	-0.000	121.263	0.000	0.000	120.462	50.162	0.825	MWD+IFR1+MS
25800.000	90.000	179.680	10852.997	122.027	0.000	121.168	-0.000	122.027	0.000	0.000	121.188	50.240	0.818	MWD+IFR1+MS
25900.000	90.000	179.680	10852.997	122.792	0.000	121.894	-0.000	122.792	0.000	0.000	121.914	50.318	0.811	MWD+IFR1+MS
26000.000	90.000	179.680	10852.997	123.556	0.000	122.620	-0.000	123.556	0.000	0.000	122.640	50.397	0.804	MWD+IFR1+MS
26100.000	90.000	179.680	10852.997	124.322	0.000	123.347	-0.000	124.322	0.000	0.000	123.367	50.476	0.797	MWD+IFR1+MS
26200.000	90.000	179.680	10852.997	125.087	0.000	124.074	-0.000	125.087	0.000	0.000	124.094	50.556	0.791	MWD+IFR1+MS
26300.000	90.000	179.680	10852.997	125.853	0.000	124.802	-0.000	125.853	0.000	0.000	124.821	50.636	0.784	MWD+IFR1+MS
26400.000	90.000	179.680	10852.997	126.618	0.000	125.530	-0.000	126.618	0.000	0.000	125.549	50.716	0.778	MWD+IFR1+MS
26500.000	90.000	179.680	10852.997	127.384	0.000	126.259	-0.000	127.384	0.000	0.000	126.278	50.797	0.771	MWD+IFR1+MS
26600.000	90.000	179.680	10852.997	128.151	0.000	126.988	-0.000	128.151	0.000	0.000	127.007	50.878	0.765	MWD+IFR1+MS
26700.000	90.000	179.680	10852.997	128.917	0.000	127.717	-0.000	128.917	0.000	0.000	127.736	50.960	0.759	MWD+IFR1+MS
26800.000	90.000	179.680	10852.997	129.684	0.000	128.447	-0.000	129.684	0.000	0.000	128.466	51.042	0.753	MWD+IFR1+MS
26900.000	90.000	179.680	10852.997	130.451	0.000	129.178	-0.000	130.451	0.000	0.000	129.196	51.124	0.747	MWD+IFR1+MS
27000.000	90.000	179.680	10852.997	131.218	0.000	129.908	-0.000	131.218	0.000	0.000	129.927	51.207	0.741	MWD+IFR1+MS
27100.000	90.000	179.680	10852.997	131.986	0.000	130.639	-0.000	131.986	0.000	0.000	130.658	51.290	0.735	MWD+IFR1+MS
27200.000	90.000	179.680	10852.997	132.753	0.000	131.371	-0.000	132.753	0.000	0.000	131.390	51.373	0.729	MWD+IFR1+MS
27300.000	90.000	179.680	10852.997	133.521	0.000	132.103	-0.000	133.521	0.000	0.000	132.121	51.457	0.723	MWD+IFR1+MS
27400.000	90.000	179.680	10852.997	134.289	0.000	132.835	-0.000	134.289	0.000	0.000	132.854	51.541	0.717	MWD+IFR1+MS
27500.000	90.000	179.680	10852.997	135.057	0.000	133.568	-0.000	135.057	0.000	0.000	133.586	51.625	0.712	MWD+IFR1+MS
27600.000	90.000	179.680	10852.997	135.826	0.000	134.301	-0.000	135.826	0.000	0.000	134.319	51.710	0.706	MWD+IFR1+MS
27700.000	90.000	179.680	10852.997	136.594	0.000	135.034	-0.000	136.594	0.000	0.000	135.052	51.795	0.700	MWD+IFR1+MS
27800.000	90.000	179.680	10852.997	137.363	0.000	135.768	-0.000	137.363	0.000	0.000	135.786	51.881	0.695	MWD+IFR1+MS
27900.000	90.000	179.680	10852.997	138.132	0.000	136.502	-0.000	138.132	0.000	0.000	136.520	51.967	0.689	MWD+IFR1+MS
28000.000	90.000	179.680	10852.997	138.901	0.000	137.236	-0.000	138.901	0.000	0.000	137.255	52.053	0.684	MWD+IFR1+MS
28100.000	90.000	179.680	10852.997	139.670	0.000	137.971	-0.000	139.670	0.000	0.000	137.989	52.140	0.679	MWD+IFR1+MS
28200.000	90.000	179.680	10852.997	140.440	0.000	138.706	-0.000	140.440	0.000	0.000	138.724	52.226	0.673	MWD+IFR1+MS
28300.000	90.000	179.680	10852.997	141.209	0.000	139.442	-0.000	141.209	0.000	0.000	139.460	52.314	0.668	MWD+IFR1+MS
28400.000	90.000	179.680	10852.997	141.979	0.000	140.178	-0.000	141.979	0.000	0.000	140.195	52.401	0.663	MWD+IFR1+MS
28500.000	90.000	179.680	10852.997	142.749	0.000	140.914	-0.000	142.749	0.000	0.000	140.931	52.489	0.658	MWD+IFR1+MS
28600.000	90.000	179.680	10852.997	143.519	0.000	141.650	-0.000	143.519	0.000	0.000	141.668	52.578	0.653	MWD+IFR1+MS
28700.000	90.000	179.680	10852.997	144.289	0.000	142.387	-0.000	144.289	0.000	0.000	142.404	52.666	0.648	MWD+IFR1+MS
28800.000	90.000	179.680	10852.997	145.060	0.000	143.124	-0.000	145.060	0.000	0.000	143.141	52.755	0.643	MWD+IFR1+MS
28900.000	90.000	179.680	10852.997	145.830	0.000	143.861	-0.000	145.830	0.000	0.000	143.878	52.845	0.638	MWD+IFR1+MS

29000.000	90.000	179.680	10852.997	146.601	0.000	144.599	-0.000	146.601	0.000	0.000	144.616	52.934	0.633	MWD+IFR1+MS
29100.000	90.000	179.680	10852.997	147.372	0.000	145.336	-0.000	147.372	0.000	0.000	145.354	53.024	0.629	MWD+IFR1+MS
29200.000	90.000	179.680	10852.997	148.143	0.000	146.075	-0.000	148.143	0.000	0.000	146.092	53.115	0.624	MWD+IFR1+MS
29300.000	90.000	179.680	10852.997	148.914	0.000	146.813	-0.000	148.914	0.000	0.000	146.830	53.205	0.619	MWD+IFR1+MS
29400.000	90.000	179.680	10852.997	149.685	0.000	147.552	-0.000	149.685	0.000	0.000	147.569	53.296	0.614	MWD+IFR1+MS
29500.000	90.000	179.680	10852.997	150.457	0.000	148.291	-0.000	150.457	0.000	0.000	148.308	53.388	0.610	MWD+IFR1+MS
29600.000	90.000	179.680	10852.997	151.228	0.000	149.030	-0.000	151.228	0.000	0.000	149.047	53.479	0.605	MWD+IFR1+MS
29700.000	90.000	179.680	10852.997	152.000	0.000	149.770	-0.000	152.000	0.000	0.000	149.786	53.571	0.601	MWD+IFR1+MS
29800.000	90.000	179.680	10852.997	152.772	0.000	150.509	-0.000	152.772	0.000	0.000	150.526	53.664	0.596	MWD+IFR1+MS
29900.000	90.000	179.680	10852.997	153.544	0.000	151.249	-0.000	153.544	0.000	0.000	151.266	53.756	0.592	MWD+IFR1+MS
30000.000	90.000	179.680	10852.997	154.316	0.000	151.990	-0.000	154.316	0.000	0.000	152.006	53.849	0.588	MWD+IFR1+MS
30100.000	90.000	179.680	10852.997	155.088	0.000	152.730	-0.000	155.088	0.000	0.000	152.747	53.942	0.583	MWD+IFR1+MS
30200.000	90.000	179.680	10852.997	155.861	0.000	153.471	-0.000	155.861	0.000	0.000	153.488	54.036	0.579	MWD+IFR1+MS
30300.000	90.000	179.680	10852.997	156.633	0.000	154.212	-0.000	156.633	0.000	0.000	154.229	54.130	0.575	MWD+IFR1+MS
30400.000	90.000	179.680	10852.997	157.406	0.000	154.953	-0.000	157.406	0.000	0.000	154.970	54.224	0.570	MWD+IFR1+MS
30500.000	90.000	179.680	10852.997	158.178	0.000	155.695	-0.000	158.178	0.000	0.000	155.711	54.319	0.566	MWD+IFR1+MS
30600.000	90.000	179.680	10852.997	158.951	0.000	156.437	-0.000	158.951	0.000	0.000	156.453	54.413	0.562	MWD+IFR1+MS
30700.000	90.000	179.680	10852.997	159.724	0.000	157.179	-0.000	159.724	0.000	0.000	157.195	54.508	0.558	MWD+IFR1+MS
30800.000	90.000	179.680	10852.997	160.497	0.000	157.921	-0.000	160.497	0.000	0.000	157.937	54.604	0.554	MWD+IFR1+MS
30900.000	90.000	179.680	10852.997	161.270	0.000	158.663	-0.000	161.270	0.000	0.000	158.679	54.700	0.550	MWD+IFR1+MS
31000.000	90.000	179.680	10852.997	162.044	0.000	159.406	-0.000	162.044	0.000	0.000	159.422	54.796	0.546	MWD+IFR1+MS
31100.000	90.000	179.680	10852.997	162.817	0.000	160.149	-0.000	162.817	0.000	0.000	160.165	54.892	0.542	MWD+IFR1+MS
31200.000	90.000	179.680	10852.997	163.591	0.000	160.892	-0.000	163.591	0.000	0.000	160.908	54.989	0.538	MWD+IFR1+MS
31300.000	90.000	179.680	10852.997	164.364	0.000	161.635	-0.000	164.364	0.000	0.000	161.651	55.086	0.534	MWD+IFR1+MS
31312.460	90.000	179.680	10852.997	164.460	0.000	161.727	-0.000	164.460	0.000	0.000	161.743	55.098	0.534	MWD+IFR1+MS
31400.000	90.000	179.680	10852.997	165.137	0.000	162.377	-0.000	165.137	0.000	0.000	162.393	55.183	0.530	MWD+IFR1+MS
31412.471	90.000	179.680	10852.997	165.233	0.000	162.470	-0.000	165.233	0.000	0.000	162.486	55.195	0.530	MWD+IFR1+MS

Plan Targets

Poker Lake Unit 20 DTD South 410H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 23	10997.31	440405.00	634814.80	7531.00	RECTANGLE
SHL 24	11226.33	440172.46	635240.61	7389.73	RECTANGLE

LTP 23	31312.48	419655.70	634930.70	7531.00	RECTANGLE
BHL 23	31412.47	419555.70	634931.20	7531.00	RECTANGLE

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 471560

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 471560
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	8/22/2025