

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT**Well Name:** POKER LAKE UNIT 17
TWR**Well Location:** T24S / R31E / SEC 20 /
NWNW /**County or Parish/State:****Well Number:** 118H**Type of Well:** OIL WELL**Allottee or Tribe Name:****Lease Number:** NMLC061705B**Unit or CA Name:****Unit or CA Number:**
NMNM71016X**US Well Number:****Well Status:** Approved Application for
Permit to Drill**Operator:** XTO PERMIAN
OPERATING LLC**Notice of Intent****Sundry ID:** 2762598**Type of Submission:** Notice of Intent**Type of Action:** APD Change**Date Sundry Submitted:** 11/21/2023**Time Sundry Submitted:** 12:31**Date proposed operation will begin:** 11/22/2023

Procedure Description: **Surface Hole Location Change, First and Last Take Point Changes, Bottom Hole Location Change, Drilling Plan Change, Directional Plan Change, Casing/Cement Change. XTO Permian Operating, LLC. requests permission to make the following changes to the original APD: SHL: fr/313'FNL & 1003'FWL to 313'FNL & 968'FWL, Section 20-T24S-R31E FTP: fr/100'FNL & 1320'FWL to 100'FNL & 740'FWL LTP: fr/100'FSL & 1320'FWL to 100'FSL & 740'FWL BHL: fr/50'FSL & 1320'FWL to 50'FSL & 740'FWL, Section 29-T24S-R31E Casing/Cement design: weight fr/23 to 20. Attachments: C102 Drilling Program Directional Plan MBS

NOI Attachments**Procedure Description**

PLU_17_TWR_118H_Sundry_Attachments_20231121123032.pdf

Well Name: POKER LAKE UNIT 17
TWR

Well Location: T24S / R31E / SEC 20 /
NWNW /

County or Parish/State:

Well Number: 118H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC061705B

Unit or CA Name:

Unit or CA Number:
NMNM71016X

US Well Number:

Well Status: Approved Application for
Permit to Drill

Operator: XTO PERMIAN
OPERATING LLC

Conditions of Approval

Additional

Sundry_2762598_COAs_20231211120347.pdf

Operator

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

Operator Electronic Signature: KRISTEN HOUSTON

Signed on: NOV 21, 2023 12:30 PM

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: KRISTEN.HOUSTON@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CODY LAYTON

BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Phone: 5752345959

BLM POC Email Address: clayton@blm.gov

Disposition: Approved

Disposition Date: 12/13/2023

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
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 10400091032	² Pool Code 96403	³ Pool Name Wildcat; Bone Spring
⁴ Property Code	⁵ Property Name POKER LAKE UNIT 17 TWR	⁶ Well Number 118H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,492'

¹⁰ Surface Location

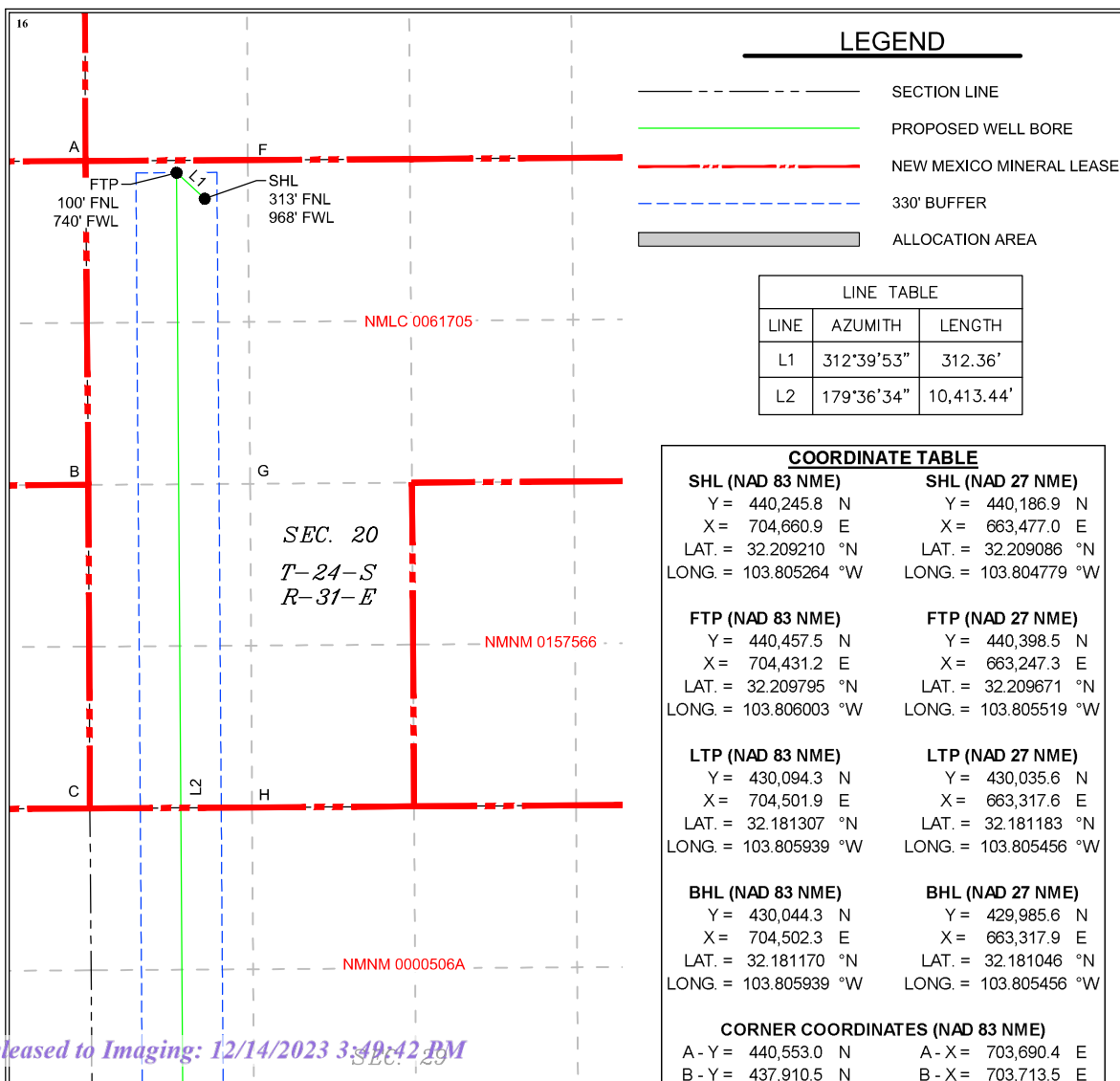
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	24S	31E		313	NORTH	968	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	24S	31E		50	SOUTH	740	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature
Signature

Date

Printed Name
Jean A. Cooper

E-mail Address
jean.cooper@exxonmobil.com

¹⁸ SURVEYOR CERTIFICATION

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.

09-26-2023

Date of Survey

Signature and Seal of Professional Surveyor:

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

XTO Energy Inc.

PLU 17 Twin Wells Ranch 118H

Projected TD: 21171.46' MD / 10236' TVD

SHL: 313' FNL & 968' FWL , Section 20, T24S, R31E

BHL: 50' FSL & 740' FWL , Section 29, T24S, R31E

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	572'	Water
Top of Salt	956'	Water
Base of Salt	4090'	Water
Delaware	4317'	Water
Brushy Canyon	6829'	Water/Oil/Gas
Bone Spring	8157'	Water
1st Bone Spring	9135'	Water/Oil/Gas
2nd Bone Spring	9924'	Water/Oil/Gas
Target/Land Curve	10236'	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 9.625 inch casing @ 672' (284' 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 7.625 inch casing at 9433.32' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 21171.46 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 9133.32 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 672'	9.625	40	J-55	BTC	New	1.35	9.37	23.44
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.15	2.52	1.99
8.75	4000' – 9433.32'	7.625	29.7	HC L-80	Flush Joint	New	1.56	1.95	2.52
6.75	0' – 9333.32'	5.5	20	RY P-110	Semi-Premium	New	1.26	1.83	2.23
6.75	9333.32' - 21171.46'	5.5	20	RY P-110	Semi-Flush	New	1.26	1.67	2.23

- 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
- 7.625 Collapse analyzed using 50% evacuation based on regional experience.
- 5.5 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" BTC Float equipment for the the production casing

Wellhead:

Permanent Wellhead – Multibowl System

A. Starting Head: 11" 10M top flange x 9-5/8" bottom

B. Tubing Head: 11" 10M bottom flange x 7-1/16" 15M top flange

- Wellhead will be installed by manufacturer's representatives.
- Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- Operator will test the 7-5/8" casing per BLM Onshore Order 2
- Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 672'

Lead: 120 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft³/sx, 10.13 gal/sx water)

Tail: 130 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: 7.625, 29.7 New casing to be set at +/- 9433.32'

1st Stage

Optional Lead: 370 sxs Class C (mixed at 10.5 ppg, 2.77 ft³/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 240 sxs Class C (mixed at 14.8 ppg, 1.35 ft³/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 6829

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: 770 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 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (6829') 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: 5.5, 20 New Semi-Flush, RY P-110 casing to be set at +/- 21171.46'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft³/sx, 15.00 gal/sx water) Top of Cement: 9133.32 feet

Tail: 820 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft³/sx, 8.38 gal/sx water) Top of Cement: 9633.32 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 9.625 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 4401 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 9.625, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipping up on the 7.625, 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 day.

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' - 672'	12.25	FW/Native	8.4-8.9	35-40	NC
672' - 9433.32'	8.75	FW / Cut Brine / Direct Emulsion	10.2-10.7	30-32	NC
9433.32' - 21171.46'	6.75	OBM	12.5-13	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 9.625 casing.

8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 165 to 185 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 6653 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 - 118H

Measured Depth: 21171.46 ft
TVD RKB: 10263.00 ft
Location
Cartographic Reference System: New Mexico East - NAD 27
Northing: 440186.90 ft
Easting: 663477.00 ft
RKB: 3551.00 ft
Ground Level: 3519.00 ft
North Reference: Grid
Convergence Angle: 0.28 Deg

Site: A
Slot: 118H

Plan Sections 118H

Measured	Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build		Turn		Dogleg	
							Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Target
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1735.14	10.70	345.81	1732.03	48.32	-12.22	2.00	0.00	0.00	0.00	2.00	0.00
	6351.38	10.70	345.81	6267.97	879.46	-222.34	0.00	0.00	0.00	0.00	0.00	0.00
	6886.52	0.00	0.00	6800.00	927.78	-234.56	-2.00	0.00	0.00	0.00	2.00	0.00
	9633.32	0.00	0.00	9546.80	927.78	-234.56	0.00	0.00	0.00	0.00	0.00	0.00
	10758.32	90.00	179.61	10263.00	211.60	-229.70	8.00	0.00	0.00	0.00	8.00	FTP 5
	21121.46	90.00	179.61	10263.00	-10151.30	-159.40	0.00	0.00	0.00	0.00	0.00	LTP 5
	21171.46	90.00	179.61	10263.00	-10201.30	-159.06	0.00	0.00	0.00	0.00	0.00	BHL 5

Position Uncertainty 118H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Tool
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Depth (ft)	Inclination (°)	Azimuth (°)	RKB (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	Error (ft)	of Bias (ft)	Error (ft)	Error (ft)	Azimuth (°)	Used
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	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	0.751	0.000	0.220	0.220	112.264	MWD+IFR1+MS
200.000	0.000	0.000	200.000	1.112	0.000	0.861	0.000	2.310	0.000	1.259	0.000	0.627	0.627	122.711	MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.497	0.000	1.271	0.000	2.326	0.000	1.698	0.000	0.986	0.986	125.469	MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.871	0.000	1.658	0.000	2.348	0.000	2.108	0.000	1.344	1.344	126.713	MWD+IFR1+MS
500.000	0.000	0.000	500.000	2.240	0.000	2.034	0.000	2.375	0.000	2.503	0.000	1.701	1.701	127.419	MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.607	0.000	2.405	0.000	2.408	0.000	2.888	0.000	2.059	2.059	127.873	MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.971	0.000	2.773	0.000	2.446	0.000	3.267	0.000	2.417	2.417	128.190	MWD+IFR1+MS
800.000	0.000	0.000	800.000	3.334	0.000	3.138	0.000	2.488	0.000	3.642	0.000	2.775	2.775	128.423	MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.696	0.000	3.502	0.000	2.534	0.000	4.014	0.000	3.133	3.133	128.602	MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	4.058	0.000	3.865	0.000	2.585	0.000	4.384	0.000	3.491	3.491	128.744	MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	4.419	0.000	4.228	0.000	2.638	0.000	4.752	0.000	3.849	3.849	128.859	MWD+IFR1+MS
1200.000	0.000	0.000	1200.000	4.779	0.000	4.589	0.000	2.695	0.000	5.119	0.000	4.207	4.207	128.954	MWD+IFR1+MS
1300.000	2.000	345.812	1299.980	5.085	0.000	5.164	0.000	2.755	0.000	5.597	0.000	4.607	4.607	123.070	MWD+IFR1+MS
1400.000	4.000	345.812	1399.838	5.887	0.000	5.510	0.000	2.819	0.000	6.276	0.000	5.073	5.073	111.408	MWD+IFR1+MS
1500.000	6.000	345.812	1499.452	6.605	0.000	5.856	0.000	2.887	0.000	6.952	0.000	5.463	5.463	105.182	MWD+IFR1+MS
1600.000	8.000	345.812	1598.702	7.262	0.000	6.203	0.000	2.962	0.000	7.599	0.000	5.827	5.827	101.654	MWD+IFR1+MS
1700.000	10.000	345.812	1697.465	7.872	0.000	6.551	0.000	3.047	0.000	8.215	0.000	6.180	6.180	99.464	MWD+IFR1+MS
1735.137	10.703	345.812	1732.030	7.976	0.000	6.665	0.000	3.068	0.000	8.329	0.000	6.300	6.300	99.333	MWD+IFR1+MS
1800.000	10.703	345.812	1795.765	8.167	0.000	6.877	0.000	3.116	0.000	8.514	0.000	6.521	6.521	99.339	MWD+IFR1+MS
1900.000	10.703	345.812	1894.025	8.468	0.000	7.222	0.000	3.195	0.000	8.811	0.000	6.869	6.869	99.646	MWD+IFR1+MS
2000.000	10.703	345.812	1992.286	8.781	0.000	7.577	0.000	3.278	0.000	9.126	0.000	7.221	7.221	100.085	MWD+IFR1+MS
2100.000	10.703	345.812	2090.546	9.100	0.000	7.934	0.000	3.363	0.000	9.445	0.000	7.576	7.576	100.504	MWD+IFR1+MS
2200.000	10.703	345.812	2188.806	9.423	0.000	8.292	0.000	3.451	0.000	9.768	0.000	7.931	7.931	100.905	MWD+IFR1+MS
2300.000	10.703	345.812	2287.067	9.751	0.000	8.651	0.000	3.541	0.000	10.095	0.000	8.288	8.288	101.289	MWD+IFR1+MS
2400.000	10.703	345.812	2385.327	10.082	0.000	9.012	0.000	3.633	0.000	10.425	0.000	8.647	8.647	101.655	MWD+IFR1+MS
2500.000	10.703	345.812	2483.588	10.417	0.000	9.373	0.000	3.727	0.000	10.759	0.000	9.006	9.006	102.006	MWD+IFR1+MS
2600.000	10.703	345.812	2581.848	10.755	0.000	9.736	0.000	3.824	0.000	11.096	0.000	9.366	9.366	102.341	MWD+IFR1+MS
2700.000	10.703	345.812	2680.108	11.096	0.000	10.099	0.000	3.922	0.000	11.435	0.000	9.727	9.727	102.661	MWD+IFR1+MS
2800.000	10.703	345.812	2778.369	11.440	0.000	10.463	0.000	4.022	0.000	11.776	0.000	10.089	10.089	102.968	MWD+IFR1+MS
2900.000	10.703	345.812	2876.629	11.785	0.000	10.828	0.000	4.123	0.000	12.120	0.000	10.452	10.452	103.261	MWD+IFR1+MS

3000.000	10.703	345.812	2974.890	12.133	0.000	11.193	0.000	4.227	0.000	0.000	12.465	10.815	103.541	MWD+IFR1+MS
3100.000	10.703	345.812	3073.150	12.483	0.000	11.558	0.000	4.331	0.000	0.000	12.813	11.178	103.810	MWD+IFR1+MS
3200.000	10.703	345.812	3171.410	12.835	0.000	11.925	0.000	4.438	0.000	0.000	13.162	11.543	104.066	MWD+IFR1+MS
3300.000	10.703	345.812	3269.671	13.189	0.000	12.291	0.000	4.546	0.000	0.000	13.512	11.907	104.312	MWD+IFR1+MS
3400.000	10.703	345.812	3367.931	13.544	0.000	12.658	0.000	4.655	0.000	0.000	13.864	12.273	104.547	MWD+IFR1+MS
3500.000	10.703	345.812	3466.192	13.900	0.000	13.026	0.000	4.766	0.000	0.000	14.217	12.638	104.772	MWD+IFR1+MS
3600.000	10.703	345.812	3564.452	14.258	0.000	13.393	0.000	4.879	0.000	0.000	14.572	13.004	104.987	MWD+IFR1+MS
3700.000	10.703	345.812	3662.712	14.617	0.000	13.761	0.000	4.993	0.000	0.000	14.927	13.371	105.194	MWD+IFR1+MS
3800.000	10.703	345.812	3760.973	14.977	0.000	14.130	0.000	5.108	0.000	0.000	15.284	13.737	105.391	MWD+IFR1+MS
3900.000	10.703	345.812	3859.233	15.339	0.000	14.498	0.000	5.225	0.000	0.000	15.641	14.104	105.580	MWD+IFR1+MS
4000.000	10.703	345.812	3957.494	15.701	0.000	14.867	0.000	5.343	0.000	0.000	16.000	14.471	105.761	MWD+IFR1+MS
4100.000	10.703	345.812	4055.754	16.064	0.000	15.236	0.000	5.463	0.000	0.000	16.359	14.839	105.934	MWD+IFR1+MS
4200.000	10.703	345.812	4154.014	16.428	0.000	15.605	0.000	5.585	0.000	0.000	16.719	15.207	106.100	MWD+IFR1+MS
4300.000	10.703	345.812	4252.275	16.793	0.000	15.975	0.000	5.707	0.000	0.000	17.080	15.575	106.258	MWD+IFR1+MS
4400.000	10.703	345.812	4350.535	17.158	0.000	16.344	0.000	5.832	0.000	0.000	17.441	15.943	106.410	MWD+IFR1+MS
4500.000	10.703	345.812	4448.795	17.524	0.000	16.714	0.000	5.957	0.000	0.000	17.803	16.311	106.555	MWD+IFR1+MS
4600.000	10.703	345.812	4547.056	17.891	0.000	17.084	0.000	6.085	0.000	0.000	18.166	16.680	106.695	MWD+IFR1+MS
4700.000	10.703	345.812	4645.316	18.259	0.000	17.454	0.000	6.214	0.000	0.000	18.529	17.049	106.828	MWD+IFR1+MS
4800.000	10.703	345.812	4743.577	18.627	0.000	17.824	0.000	6.344	0.000	0.000	18.893	17.418	106.955	MWD+IFR1+MS
4900.000	10.703	345.812	4841.837	18.995	0.000	18.195	0.000	6.476	0.000	0.000	19.258	17.787	107.077	MWD+IFR1+MS
5000.000	10.703	345.812	4940.097	19.364	0.000	18.565	0.000	6.610	0.000	0.000	19.622	18.156	107.193	MWD+IFR1+MS
5100.000	10.703	345.812	5038.358	19.734	0.000	18.936	0.000	6.746	0.000	0.000	19.988	18.526	107.304	MWD+IFR1+MS
5200.000	10.703	345.812	5136.618	20.104	0.000	19.307	0.000	6.883	0.000	0.000	20.353	18.895	107.410	MWD+IFR1+MS
5300.000	10.703	345.812	5234.879	20.475	0.000	19.677	0.000	7.022	0.000	0.000	20.719	19.265	107.512	MWD+IFR1+MS
5400.000	10.703	345.812	5333.139	20.846	0.000	20.048	0.000	7.162	0.000	0.000	21.086	19.635	107.609	MWD+IFR1+MS
5500.000	10.703	345.812	5431.399	21.217	0.000	20.419	0.000	7.304	0.000	0.000	21.452	20.005	107.701	MWD+IFR1+MS
5600.000	10.703	345.812	5529.660	21.589	0.000	20.790	0.000	7.449	0.000	0.000	21.820	20.375	107.789	MWD+IFR1+MS
5700.000	10.703	345.812	5627.920	21.961	0.000	21.161	0.000	7.595	0.000	0.000	22.187	20.745	107.873	MWD+IFR1+MS
5800.000	10.703	345.812	5726.181	22.333	0.000	21.533	0.000	7.742	0.000	0.000	22.555	21.115	107.953	MWD+IFR1+MS
5900.000	10.703	345.812	5824.441	22.706	0.000	21.904	0.000	7.892	0.000	0.000	22.923	21.486	108.029	MWD+IFR1+MS
6000.000	10.703	345.812	5922.701	23.079	0.000	22.275	0.000	8.043	0.000	0.000	23.291	21.856	108.101	MWD+IFR1+MS
6100.000	10.703	345.812	6020.962	23.452	0.000	22.647	0.000	8.197	0.000	0.000	23.660	22.227	108.169	MWD+IFR1+MS
6200.000	10.703	345.812	6119.222	23.826	0.000	23.018	0.000	8.352	0.000	0.000	24.029	22.598	108.234	MWD+IFR1+MS

6300.000	10.703	345.812	6217.483	24.199	0.000	23.390	0.000	8.510	0.000	24.398	22.969	108.296	MWD+IFR1+MS
6351.381	10.703	345.812	6267.970	24.389	0.000	23.578	0.000	8.591	0.000	24.583	23.159	108.277	MWD+IFR1+MS
6400.000	9.730	345.812	6315.817	24.582	0.000	23.755	0.000	8.669	0.000	24.758	23.338	108.226	MWD+IFR1+MS
6500.000	7.730	345.812	6414.654	25.008	0.000	24.119	0.000	8.831	0.000	25.166	23.710	107.428	MWD+IFR1+MS
6600.000	5.730	345.812	6513.959	25.447	0.000	24.481	0.000	8.991	0.000	25.615	24.080	106.166	MWD+IFR1+MS
6700.000	3.730	345.812	6613.614	25.849	0.000	24.838	0.000	9.146	0.000	26.058	24.443	105.057	MWD+IFR1+MS
6800.000	1.730	345.812	6713.495	26.212	0.000	25.189	0.000	9.296	0.000	26.493	24.799	104.087	MWD+IFR1+MS
6886.518	0.000	0.000	6800.000	26.747	0.000	25.200	0.000	9.423	0.000	26.843	25.097	103.791	MWD+IFR1+MS
6900.000	0.000	0.000	6813.482	26.791	0.000	25.246	0.000	9.443	0.000	26.887	25.143	103.793	MWD+IFR1+MS
7000.000	0.000	0.000	6913.482	27.116	0.000	25.588	0.000	9.590	0.000	27.212	25.485	103.870	MWD+IFR1+MS
7100.000	0.000	0.000	7013.482	27.447	0.000	25.935	0.000	9.740	0.000	27.545	25.830	104.082	MWD+IFR1+MS
7200.000	0.000	0.000	7113.482	27.778	0.000	26.283	0.000	9.893	0.000	27.879	26.176	104.292	MWD+IFR1+MS
7300.000	0.000	0.000	7213.482	28.110	0.000	26.631	0.000	10.048	0.000	28.213	26.521	104.500	MWD+IFR1+MS
7400.000	0.000	0.000	7313.482	28.443	0.000	26.979	0.000	10.206	0.000	28.548	26.867	104.705	MWD+IFR1+MS
7500.000	0.000	0.000	7413.482	28.777	0.000	27.327	0.000	10.367	0.000	28.884	27.214	104.907	MWD+IFR1+MS
7600.000	0.000	0.000	7513.482	29.110	0.000	27.676	0.000	10.531	0.000	29.220	27.560	105.107	MWD+IFR1+MS
7700.000	0.000	0.000	7613.482	29.445	0.000	28.025	0.000	10.698	0.000	29.557	27.907	105.305	MWD+IFR1+MS
7800.000	0.000	0.000	7713.482	29.780	0.000	28.374	0.000	10.868	0.000	29.894	28.254	105.501	MWD+IFR1+MS
7900.000	0.000	0.000	7813.482	30.116	0.000	28.724	0.000	11.040	0.000	30.232	28.601	105.694	MWD+IFR1+MS
8000.000	0.000	0.000	7913.482	30.452	0.000	29.073	0.000	11.215	0.000	30.570	28.949	105.885	MWD+IFR1+MS
8100.000	0.000	0.000	8013.482	30.789	0.000	29.423	0.000	11.394	0.000	30.909	29.296	106.073	MWD+IFR1+MS
8200.000	0.000	0.000	8113.482	31.126	0.000	29.773	0.000	11.575	0.000	31.249	29.644	106.260	MWD+IFR1+MS
8300.000	0.000	0.000	8213.482	31.463	0.000	30.123	0.000	11.759	0.000	31.588	29.992	106.444	MWD+IFR1+MS
8400.000	0.000	0.000	8313.482	31.801	0.000	30.474	0.000	11.946	0.000	31.928	30.341	106.626	MWD+IFR1+MS
8500.000	0.000	0.000	8413.482	32.140	0.000	30.824	0.000	12.137	0.000	32.269	30.689	106.806	MWD+IFR1+MS
8600.000	0.000	0.000	8513.482	32.479	0.000	31.175	0.000	12.330	0.000	32.610	31.038	106.984	MWD+IFR1+MS
8700.000	0.000	0.000	8613.482	32.818	0.000	31.526	0.000	12.526	0.000	32.951	31.387	107.159	MWD+IFR1+MS
8800.000	0.000	0.000	8713.482	33.158	0.000	31.877	0.000	12.725	0.000	33.293	31.736	107.333	MWD+IFR1+MS
8900.000	0.000	0.000	8813.482	33.498	0.000	32.229	0.000	12.927	0.000	33.635	32.085	107.504	MWD+IFR1+MS
9000.000	0.000	0.000	8913.482	33.839	0.000	32.580	0.000	13.133	0.000	33.978	32.435	107.673	MWD+IFR1+MS
9100.000	0.000	0.000	9013.482	34.180	0.000	32.932	0.000	13.341	0.000	34.321	32.785	107.841	MWD+IFR1+MS
9200.000	0.000	0.000	9113.482	34.521	0.000	33.284	0.000	13.552	0.000	34.664	33.134	108.006	MWD+IFR1+MS
9300.000	0.000	0.000	9213.482	34.862	0.000	33.636	0.000	13.767	0.000	35.008	33.484	108.170	MWD+IFR1+MS

9400.000	0.000	0.000	9313.482	35.204	0.000	33.988	0.000	13.984	0.000	0.000	35.352	33.834	108.331	MWD+IFR1+MS
9500.000	0.000	0.000	9413.482	35.547	0.000	34.340	0.000	14.205	0.000	0.000	35.696	34.185	108.491	MWD+IFR1+MS
9600.000	0.000	0.000	9513.482	35.889	0.000	34.692	0.000	14.428	0.000	0.000	36.040	34.535	108.648	MWD+IFR1+MS
9633.321	0.000	0.000	9546.803	36.002	0.000	34.808	0.000	14.503	0.000	0.000	36.153	34.651	108.656	MWD+IFR1+MS
9700.000	5.334	179.611	9613.386	35.838	0.000	35.032	-0.000	14.653	0.000	0.000	36.411	34.874	108.115	MWD+IFR1+MS
9800.000	13.334	179.611	9711.981	35.840	0.000	35.329	-0.000	14.927	0.000	0.000	37.438	35.203	103.144	MWD+IFR1+MS
9900.000	21.334	179.611	9807.362	35.649	0.000	35.604	-0.000	15.373	0.000	0.000	38.689	35.493	100.109	MWD+IFR1+MS
10000.000	29.334	179.611	9897.671	34.957	0.000	35.852	-0.000	16.051	0.000	0.000	39.775	35.745	98.758	MWD+IFR1+MS
10100.000	37.334	179.611	9981.151	33.853	0.000	36.072	-0.000	16.997	0.000	0.000	40.674	35.963	98.094	MWD+IFR1+MS
10200.000	45.334	179.611	10056.177	32.452	0.000	36.262	-0.000	18.210	0.000	0.000	41.380	36.149	97.783	MWD+IFR1+MS
10300.000	53.334	179.611	10121.289	30.908	0.000	36.421	-0.000	19.657	0.000	0.000	41.900	36.303	97.677	MWD+IFR1+MS
10400.000	61.334	179.611	10175.218	29.408	0.000	36.551	-0.000	21.287	0.000	0.000	42.248	36.427	97.695	MWD+IFR1+MS
10500.000	69.334	179.611	10216.917	28.170	0.000	36.650	-0.000	23.035	0.000	0.000	42.452	36.521	97.779	MWD+IFR1+MS
10600.000	77.334	179.611	10245.572	27.422	0.000	36.720	-0.000	24.839	0.000	0.000	42.545	36.587	97.872	MWD+IFR1+MS
10700.000	85.334	179.611	10260.627	27.348	0.000	36.760	-0.000	26.636	0.000	0.000	42.569	36.626	97.912	MWD+IFR1+MS
10758.321	90.000	179.611	10263.000	27.075	0.000	36.767	-0.000	27.075	0.000	0.000	42.569	36.634	97.869	MWD+IFR1+MS
10800.000	90.000	179.611	10263.000	27.172	0.000	36.768	-0.000	27.172	0.000	0.000	42.568	36.638	97.827	MWD+IFR1+MS
10900.000	90.000	179.611	10263.000	27.362	0.000	36.788	-0.000	27.362	0.000	0.000	42.567	36.661	97.746	MWD+IFR1+MS
11000.000	90.000	179.611	10263.000	27.576	0.000	36.826	-0.000	27.576	0.000	0.000	42.567	36.702	97.686	MWD+IFR1+MS
11100.000	90.000	179.611	10263.000	27.811	0.000	36.881	-0.000	27.811	0.000	0.000	42.567	36.758	97.645	MWD+IFR1+MS
11200.000	90.000	179.611	10263.000	28.066	0.000	36.951	-0.000	28.066	0.000	0.000	42.568	36.831	97.623	MWD+IFR1+MS
11300.000	90.000	179.611	10263.000	28.340	0.000	37.036	-0.000	28.340	0.000	0.000	42.570	36.918	97.620	MWD+IFR1+MS
11400.000	90.000	179.611	10263.000	28.633	0.000	37.137	-0.000	28.633	0.000	0.000	42.573	37.021	97.637	MWD+IFR1+MS
11500.000	90.000	179.611	10263.000	28.944	0.000	37.254	-0.000	28.944	0.000	0.000	42.577	37.139	97.676	MWD+IFR1+MS
11600.000	90.000	179.611	10263.000	29.273	0.000	37.386	-0.000	29.273	0.000	0.000	42.581	37.273	97.737	MWD+IFR1+MS
11700.000	90.000	179.611	10263.000	29.620	0.000	37.533	-0.000	29.620	0.000	0.000	42.587	37.421	97.823	MWD+IFR1+MS
11800.000	90.000	179.611	10263.000	29.982	0.000	37.695	-0.000	29.982	0.000	0.000	42.593	37.583	97.936	MWD+IFR1+MS
11900.000	90.000	179.611	10263.000	30.361	0.000	37.872	-0.000	30.361	0.000	0.000	42.600	37.761	98.081	MWD+IFR1+MS
12000.000	90.000	179.611	10263.000	30.755	0.000	38.064	-0.000	30.755	0.000	0.000	42.608	37.952	98.260	MWD+IFR1+MS
12100.000	90.000	179.611	10263.000	31.164	0.000	38.270	-0.000	31.164	0.000	0.000	42.617	38.157	98.481	MWD+IFR1+MS
12200.000	90.000	179.611	10263.000	31.587	0.000	38.490	-0.000	31.587	0.000	0.000	42.626	38.377	98.750	MWD+IFR1+MS
12300.000	90.000	179.611	10263.000	32.024	0.000	38.723	-0.000	32.024	0.000	0.000	42.637	38.609	99.077	MWD+IFR1+MS
12400.000	90.000	179.611	10263.000	32.474	0.000	38.971	-0.000	32.474	0.000	0.000	42.650	38.854	99.474	MWD+IFR1+MS

12500.000	90.000	179.611	10263.000	32.936	0.000	39.232	-0.000	32.936	0.000	42.663	39.112	99.960	MWD+IFR1+MS
12600.000	90.000	179.611	10263.000	33.410	0.000	39.506	-0.000	33.410	0.000	42.678	39.382	100.557	MWD+IFR1+MS
12700.000	90.000	179.611	10263.000	33.896	0.000	39.793	-0.000	33.896	0.000	42.695	39.664	101.301	MWD+IFR1+MS
12800.000	90.000	179.611	10263.000	34.393	0.000	40.092	-0.000	34.393	0.000	42.714	39.956	102.238	MWD+IFR1+MS
12900.000	90.000	179.611	10263.000	34.901	0.000	40.404	-0.000	34.901	0.000	42.736	40.258	103.444	MWD+IFR1+MS
13000.000	90.000	179.611	10263.000	35.419	0.000	40.728	-0.000	35.419	0.000	42.763	40.569	105.029	MWD+IFR1+MS
13100.000	90.000	179.611	10263.000	35.946	0.000	41.063	-0.000	35.946	0.000	42.795	40.885	107.174	MWD+IFR1+MS
13200.000	90.000	179.611	10263.000	36.483	0.000	41.410	-0.000	36.483	0.000	42.836	41.205	110.174	MWD+IFR1+MS
13300.000	90.000	179.611	10263.000	37.028	0.000	41.768	-0.000	37.028	0.000	42.893	41.522	114.507	MWD+IFR1+MS
13400.000	90.000	179.611	10263.000	37.582	0.000	42.137	-0.000	37.582	0.000	42.975	41.824	120.876	MWD+IFR1+MS
13500.000	90.000	179.611	10263.000	38.144	0.000	42.516	-0.000	38.144	0.000	43.102	42.092	129.853	MWD+IFR1+MS
13600.000	90.000	179.611	10263.000	38.714	0.000	42.906	-0.000	38.714	0.000	43.296	42.304	-39.368	MWD+IFR1+MS
13700.000	90.000	179.611	10263.000	39.291	0.000	43.306	-0.000	39.291	0.000	43.565	42.451	-29.390	MWD+IFR1+MS
13800.000	90.000	179.611	10263.000	39.875	0.000	43.716	-0.000	39.875	0.000	43.895	42.549	-21.935	MWD+IFR1+MS
13900.000	90.000	179.611	10263.000	40.466	0.000	44.135	-0.000	40.466	0.000	44.264	42.616	-16.821	MWD+IFR1+MS
14000.000	90.000	179.611	10263.000	41.064	0.000	44.563	-0.000	41.064	0.000	44.661	42.666	-13.313	MWD+IFR1+MS
14100.000	90.000	179.611	10263.000	41.668	0.000	45.000	-0.000	41.668	0.000	45.076	42.707	-10.833	MWD+IFR1+MS
14200.000	90.000	179.611	10263.000	42.277	0.000	45.446	-0.000	42.277	0.000	45.506	42.742	-9.017	MWD+IFR1+MS
14300.000	90.000	179.611	10263.000	42.893	0.000	45.900	-0.000	42.893	0.000	45.949	42.773	-7.642	MWD+IFR1+MS
14400.000	90.000	179.611	10263.000	43.514	0.000	46.363	-0.000	43.514	0.000	46.403	42.802	-6.574	MWD+IFR1+MS
14500.000	90.000	179.611	10263.000	44.140	0.000	46.833	-0.000	44.140	0.000	46.867	42.830	-5.723	MWD+IFR1+MS
14600.000	90.000	179.611	10263.000	44.771	0.000	47.312	-0.000	44.771	0.000	47.340	42.857	-5.032	MWD+IFR1+MS
14700.000	90.000	179.611	10263.000	45.407	0.000	47.797	-0.000	45.407	0.000	47.821	42.883	-4.462	MWD+IFR1+MS
14800.000	90.000	179.611	10263.000	46.047	0.000	48.290	-0.000	46.047	0.000	48.310	42.909	-3.985	MWD+IFR1+MS
14900.000	90.000	179.611	10263.000	46.692	0.000	48.790	-0.000	46.692	0.000	48.807	42.935	-3.581	MWD+IFR1+MS
15000.000	90.000	179.611	10263.000	47.341	0.000	49.297	-0.000	47.341	0.000	49.312	42.961	-3.235	MWD+IFR1+MS
15100.000	90.000	179.611	10263.000	47.995	0.000	49.811	-0.000	47.995	0.000	49.823	42.988	-2.937	MWD+IFR1+MS
15200.000	90.000	179.611	10263.000	48.652	0.000	50.330	-0.000	48.652	0.000	50.341	43.014	-2.677	MWD+IFR1+MS
15300.000	90.000	179.611	10263.000	49.312	0.000	50.856	-0.000	49.312	0.000	50.866	43.040	-2.449	MWD+IFR1+MS
15400.000	90.000	179.611	10263.000	49.977	0.000	51.388	-0.000	49.977	0.000	51.397	43.067	-2.247	MWD+IFR1+MS
15500.000	90.000	179.611	10263.000	50.645	0.000	51.926	-0.000	50.645	0.000	51.933	43.094	-2.069	MWD+IFR1+MS
15600.000	90.000	179.611	10263.000	51.316	0.000	52.470	-0.000	51.316	0.000	52.476	43.122	-1.910	MWD+IFR1+MS
15700.000	90.000	179.611	10263.000	51.990	0.000	53.019	-0.000	51.990	0.000	53.024	43.150	-1.767	MWD+IFR1+MS

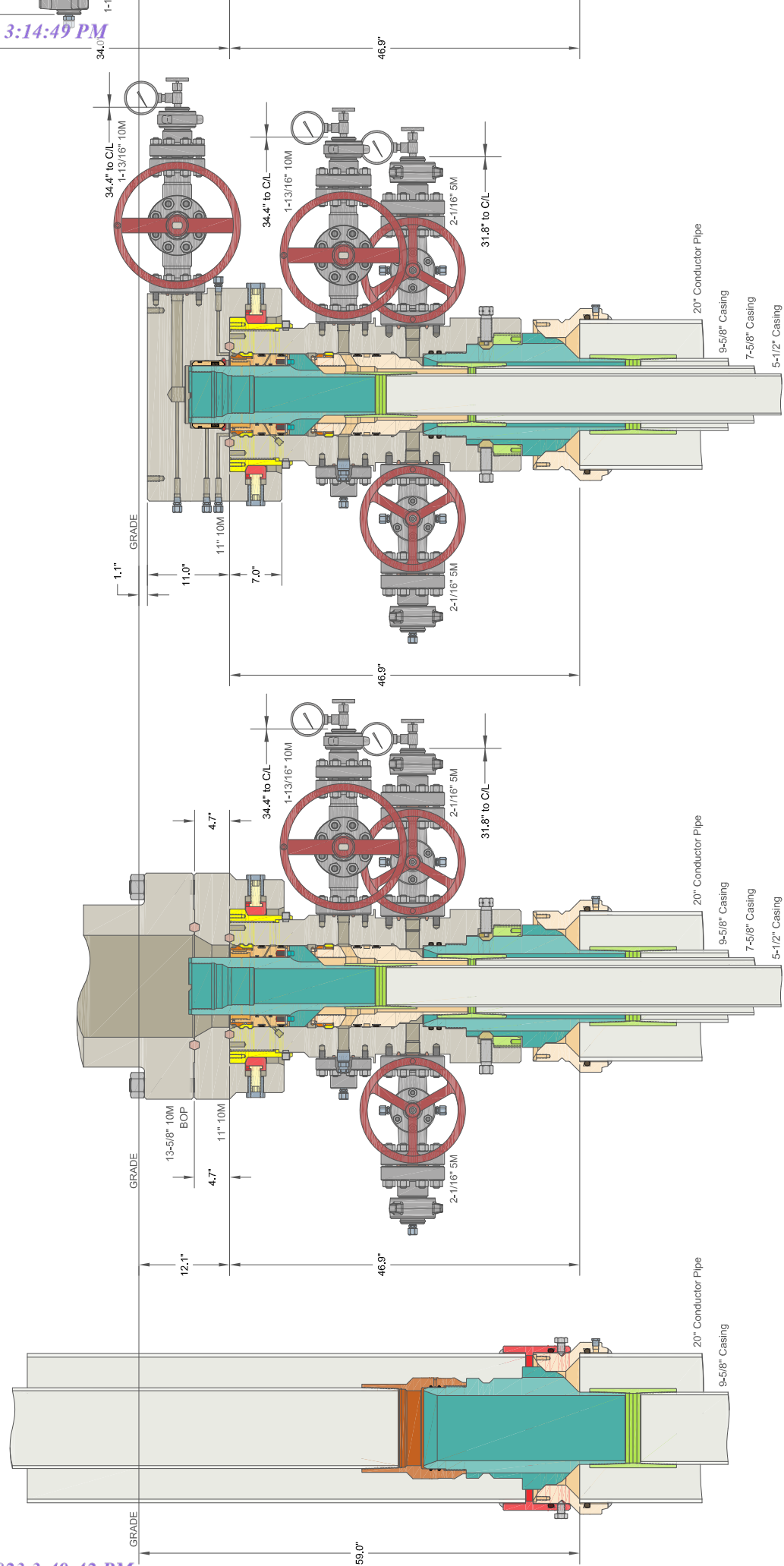
15800.000	90.000	179.611	10263.000	52.667	0.000	53.573	-0.000	52.667	0.000	53.578	43.178	-1.639	MWD+IFR1+MS
15900.000	90.000	179.611	10263.000	53.348	0.000	54.133	-0.000	53.348	0.000	54.137	43.207	-1.523	MWD+IFR1+MS
16000.000	90.000	179.611	10263.000	54.031	0.000	54.697	-0.000	54.031	0.000	54.701	43.236	-1.418	MWD+IFR1+MS
16100.000	90.000	179.611	10263.000	54.717	0.000	55.267	-0.000	54.717	0.000	55.269	43.266	-1.323	MWD+IFR1+MS
16200.000	90.000	179.611	10263.000	55.405	0.000	55.841	-0.000	55.405	0.000	55.843	43.296	-1.236	MWD+IFR1+MS
16300.000	90.000	179.611	10263.000	56.096	0.000	56.419	-0.000	56.096	0.000	56.421	43.326	-1.156	MWD+IFR1+MS
16400.000	90.000	179.611	10263.000	56.790	0.000	57.002	-0.000	56.790	0.000	57.004	43.357	-1.084	MWD+IFR1+MS
16500.000	90.000	179.611	10263.000	57.486	0.000	57.589	-0.000	57.486	0.000	57.591	43.389	-1.017	MWD+IFR1+MS
16600.000	90.000	179.611	10263.000	58.184	0.000	58.181	-0.000	58.184	0.000	58.182	43.421	-0.955	MWD+IFR1+MS
16700.000	90.000	179.611	10263.000	58.884	0.000	58.776	-0.000	58.884	0.000	58.777	43.453	-0.899	MWD+IFR1+MS
16800.000	90.000	179.611	10263.000	59.586	0.000	59.376	-0.000	59.586	0.000	59.377	43.486	-0.846	MWD+IFR1+MS
16900.000	90.000	179.611	10263.000	60.291	0.000	59.979	-0.000	60.291	0.000	59.980	43.519	-0.798	MWD+IFR1+MS
17000.000	90.000	179.611	10263.000	60.997	0.000	60.586	-0.000	60.997	0.000	60.586	43.553	-0.753	MWD+IFR1+MS
17100.000	90.000	179.611	10263.000	61.705	0.000	61.196	-0.000	61.705	0.000	61.196	43.587	-0.711	MWD+IFR1+MS
17200.000	90.000	179.611	10263.000	62.415	0.000	61.810	-0.000	62.415	0.000	61.810	43.622	-0.672	MWD+IFR1+MS
17300.000	90.000	179.611	10263.000	63.127	0.000	62.427	-0.000	63.127	0.000	62.427	43.657	-0.636	MWD+IFR1+MS
17400.000	90.000	179.611	10263.000	63.841	0.000	63.047	-0.000	63.841	0.000	63.048	43.693	-0.603	MWD+IFR1+MS
17500.000	90.000	179.611	10263.000	64.556	0.000	63.671	-0.000	64.556	0.000	63.671	43.729	-0.571	MWD+IFR1+MS
17600.000	90.000	179.611	10263.000	65.273	0.000	64.298	-0.000	65.273	0.000	64.298	43.766	-0.542	MWD+IFR1+MS
17700.000	90.000	179.611	10263.000	65.991	0.000	64.927	-0.000	65.991	0.000	64.927	43.803	-0.514	MWD+IFR1+MS
17800.000	90.000	179.611	10263.000	66.711	0.000	65.560	-0.000	66.711	0.000	65.560	43.841	-0.489	MWD+IFR1+MS
17900.000	90.000	179.611	10263.000	67.432	0.000	66.195	-0.000	67.432	0.000	66.195	43.879	-0.465	MWD+IFR1+MS
18000.000	90.000	179.611	10263.000	68.155	0.000	66.833	-0.000	68.155	0.000	66.833	43.917	-0.442	MWD+IFR1+MS
18100.000	90.000	179.611	10263.000	68.879	0.000	67.474	-0.000	68.879	0.000	67.474	43.956	-0.421	MWD+IFR1+MS
18200.000	90.000	179.611	10263.000	69.605	0.000	68.117	-0.000	69.605	0.000	68.117	43.996	-0.401	MWD+IFR1+MS
18300.000	90.000	179.611	10263.000	70.331	0.000	68.763	-0.000	70.331	0.000	68.763	44.036	-0.383	MWD+IFR1+MS
18400.000	90.000	179.611	10263.000	71.059	0.000	69.411	-0.000	71.059	0.000	69.411	44.077	-0.365	MWD+IFR1+MS
18500.000	90.000	179.611	10263.000	71.788	0.000	70.062	-0.000	71.788	0.000	70.062	44.118	-0.349	MWD+IFR1+MS
18600.000	90.000	179.611	10263.000	72.519	0.000	70.715	-0.000	72.519	0.000	70.715	44.159	-0.333	MWD+IFR1+MS
18700.000	90.000	179.611	10263.000	73.250	0.000	71.370	-0.000	73.250	0.000	71.370	44.201	-0.318	MWD+IFR1+MS
18800.000	90.000	179.611	10263.000	73.982	0.000	72.027	-0.000	73.982	0.000	72.027	44.243	-0.305	MWD+IFR1+MS
18900.000	90.000	179.611	10263.000	74.716	0.000	72.687	-0.000	74.716	0.000	72.687	44.286	-0.291	MWD+IFR1+MS
19000.000	90.000	179.611	10263.000	75.451	0.000	73.348	-0.000	75.451	0.000	73.348	44.330	-0.279	MWD+IFR1+MS

19100.000	90.000	179.611	10263.000	76.186	0.000	74.012	-0.000	76.186	0.000	0.000	74.012	44.374	-0.268	MWD+IFR1+MS
19200.000	90.000	179.611	10263.000	76.923	0.000	74.677	-0.000	76.923	0.000	0.000	74.677	44.418	-0.257	MWD+IFR1+MS
19300.000	90.000	179.611	10263.000	77.660	0.000	75.345	-0.000	77.660	0.000	0.000	75.345	44.463	-0.246	MWD+IFR1+MS
19400.000	90.000	179.611	10263.000	78.399	0.000	76.014	-0.000	78.399	0.000	0.000	76.014	44.508	-0.237	MWD+IFR1+MS
19500.000	90.000	179.611	10263.000	79.138	0.000	76.685	-0.000	79.138	0.000	0.000	76.685	44.554	-0.227	MWD+IFR1+MS
19600.000	90.000	179.611	10263.000	79.878	0.000	77.358	-0.000	79.878	0.000	0.000	77.358	44.600	-0.219	MWD+IFR1+MS
19700.000	90.000	179.611	10263.000	80.619	0.000	78.032	-0.000	80.619	0.000	0.000	78.032	44.647	-0.210	MWD+IFR1+MS
19800.000	90.000	179.611	10263.000	81.361	0.000	78.708	-0.000	81.361	0.000	0.000	78.709	44.694	-0.202	MWD+IFR1+MS
19900.000	90.000	179.611	10263.000	82.104	0.000	79.386	-0.000	82.104	0.000	0.000	79.386	44.741	-0.195	MWD+IFR1+MS
20000.000	90.000	179.611	10263.000	82.847	0.000	80.065	-0.000	82.847	0.000	0.000	80.066	44.789	-0.188	MWD+IFR1+MS
20100.000	90.000	179.611	10263.000	83.591	0.000	80.746	-0.000	83.591	0.000	0.000	80.747	44.838	-0.181	MWD+IFR1+MS
20200.000	90.000	179.611	10263.000	84.336	0.000	81.429	-0.000	84.336	0.000	0.000	81.429	44.887	-0.175	MWD+IFR1+MS
20300.000	90.000	179.611	10263.000	85.082	0.000	82.113	-0.000	85.082	0.000	0.000	82.113	44.936	-0.169	MWD+IFR1+MS
20400.000	90.000	179.611	10263.000	85.828	0.000	82.798	-0.000	85.828	0.000	0.000	82.798	44.986	-0.164	MWD+IFR1+MS
20500.000	90.000	179.611	10263.000	86.575	0.000	83.485	-0.000	86.575	0.000	0.000	83.485	45.037	-0.158	MWD+IFR1+MS
20600.000	90.000	179.611	10263.000	87.323	0.000	84.173	-0.000	87.323	0.000	0.000	84.173	45.087	-0.153	MWD+IFR1+MS
20700.000	90.000	179.611	10263.000	88.071	0.000	84.862	-0.000	88.071	0.000	0.000	84.863	45.139	-0.148	MWD+IFR1+MS
20800.000	90.000	179.611	10263.000	88.820	0.000	85.553	-0.000	88.820	0.000	0.000	85.553	45.190	-0.144	MWD+IFR1+MS
20900.000	90.000	179.611	10263.000	89.570	0.000	86.245	-0.000	89.570	0.000	0.000	86.245	45.242	-0.140	MWD+IFR1+MS
21000.000	90.000	179.611	10263.000	90.320	0.000	86.938	-0.000	90.320	0.000	0.000	86.939	45.295	-0.136	MWD+IFR1+MS
21100.000	90.000	179.611	10263.000	91.070	0.000	87.633	-0.000	91.070	0.000	0.000	87.633	45.348	-0.132	MWD+IFR1+MS
21121.459	90.000	179.611	10263.000	91.231	0.000	87.781	-0.000	91.231	0.000	0.000	87.782	45.359	-0.131	MWD+IFR1+MS
21171.461	90.000	179.611	10263.000	91.606	0.000	88.127	-0.000	91.606	0.000	0.000	88.128	45.386	-0.129	MWD+IFR1+MS

Plan Targets

118H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 5	10758.30	440398.50	663247.30	6712.00	RECTANGLE
LTP 5	21121.46	430035.60	663317.60	6712.00	RECTANGLE
BHL 5	21171.46	429985.60	663317.90	6712.00	RECTANGLE



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
Phone:(575) 748-1283 Fax:(575) 748-9720
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 294319

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 294319
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply.	12/14/2023