

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: 117H

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: 2762597

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 11/21/2023

Time Sundry Submitted: 12:19

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/283'FNL & 1003'FWL to 283'FNL & 968'FWL, Section 20-T24S-R31E FTP: fr/100'FNL & 655'FWL to 100'FNL & 1475'FWL LTP: fr/100'FSL & 655'FWL to 100'FSL & 1475'FWL BHL: fr/50'FSL & 655'FWL to 50'FSL & 1475'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_117_Sundry_Attachements_20231121121850.pdf

Well Name: POKER LAKE UNIT 17
TWR**Well Location:** T24S / R31E / SEC 20 /
NWNW /**County or Parish/State:****Well Number:** 117H**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

Sec_20_24S_30E_NMP_Sundry_2762597_Poker_Lake_Unit_17_TWR_117H_COAs_20231211115146.pdf

Sec_20_24S_30E_NMP_Sundry_2762597_Poker_Lake_Unit_17_TWR_117H_Eng_Worksheet_20231211115146.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 12:19 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

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 10400091030	² Pool Code 96403	³ Pool Name Wildcat; Bone Spring
⁴ Property Code	⁵ Property Name POKER LAKE UNIT 17 TWR	⁶ Well Number 117H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,492'

¹⁰ Surface Location

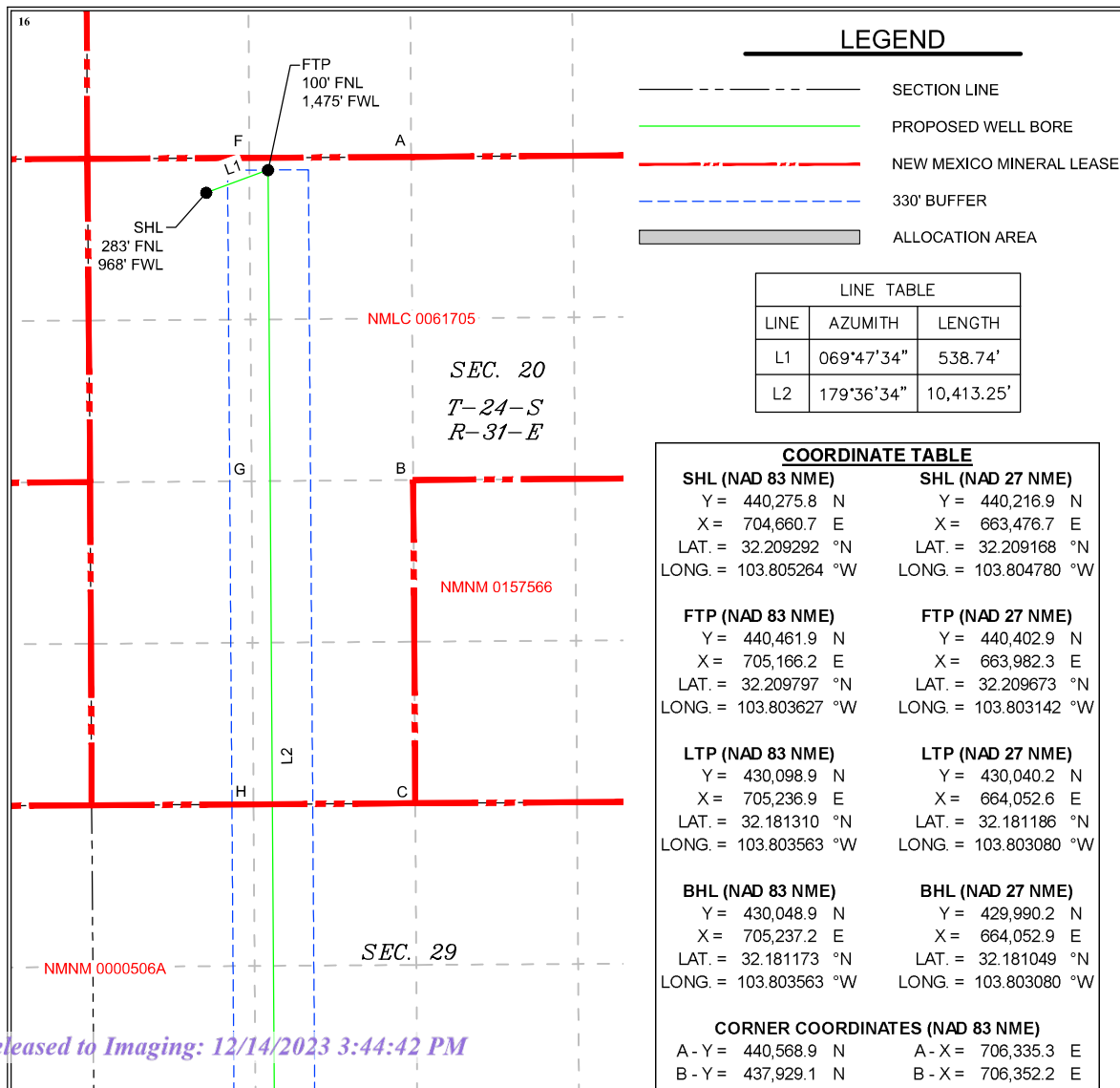
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	24S	31E		283	NORTH	968	WEST	EDDY

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
N	29	24S	31E		50	SOUTH	1,475	WEST	EDDY

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

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.

Jean A. Cooper
Signature

Date

Jean A. Cooper

Printed Name

jean.cooper@exxonmobil.com

E-mail Address

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 117H

Projected TD: 21752.69' MD / 10803' TVD

SHL: 283' FNL & 968' FWL , Section 20, T24S, R31E

BHL: 50' FSL & 1475' 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	954'	Water
Base of Salt	4095'	Water
Delaware	4320'	Water
Brushy Canyon	6836'	Water/Oil/Gas
Bone Spring	8163'	Water
1st Bone Spring	9141'	Water/Oil/Gas
2nd Bone Spring	9931'	Water/Oil/Gas
3rd Bone Spring	10643'	Water/Oil/Gas
Target/Land Curve	10803'	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' (282' 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 10014.81' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 21752.69 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 9714.81 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	1.27	9.37	23.44
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.04	2.52	1.88
8.75	4000' – 10014.81'	7.625	29.7	HC L-80	Flush Joint	New	1.48	1.83	2.27
6.75	0' – 9914.81'	5.5	20	RY P-110	Semi-Premium	New	1.26	1.72	2.14
6.75	9914.81' - 21752.69'	5.5	20	RY P-110	Semi-Flush	New	1.26	1.58	2.14

- 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 +/- 10014.81'

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

TOC: Brushy Canyon @ 6836

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 (6836') 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 +/- 21752.69'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 9714.81 feet

Tail: 820 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 10214.81 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 4645 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' - 10014.81'	8.75	FW / Cut Brine / Direct Emulsion	10.2-10.7	30-32	NC
10014.81' - 21752.69'	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 170 to 190 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 7022 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 - 117H

Measured Depth: 21752.69 ft
TVD RKB: 10830.00 ft
Location
Cartographic Reference System: New Mexico East - NAD 27
Northing: 440216.90 ft
Easting: 663476.70 ft
RKB: 3551.00 ft
Ground Level: 3519.00 ft
North Reference: Grid
Convergence Angle: 0.28 Deg

Site: A
Slot: 117H

Plan Sections 117H

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
	1781.10	11.62	29.03	1777.12	51.35	28.50	2.00	2.00	0.00	0.00	2.00	2.00
	6319.91	11.62	29.03	6222.88	850.83	472.24	0.00	0.00	0.00	0.00	0.00	0.00
	6901.01	0.00	0.00	6800.00	902.18	500.74	-2.00	-2.00	0.00	0.00	2.00	2.00
	10214.81	0.00	0.00	10113.80	902.18	500.74	0.00	0.00	0.00	0.00	0.00	0.00
	11339.81	90.00	179.61	10830.00	186.00	505.60	8.00	8.00	0.00	0.00	8.00	FTP 4
	21702.75	90.00	179.61	10830.00	-10176.70	575.90	0.00	0.00	0.00	0.00	0.00	LTP 4
	21752.69	90.00	179.61	10830.00	-10226.64	576.24	0.00	0.00	0.00	0.00	0.00	BHL 4

Position Uncertainty 117H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Tool
----------	-----	----------	---------	----------	-----------	------------	------------	------

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	29.032	1299.980	5.619	0.000	4.607	0.000	2.755	0.000	5.656	0.000	4.565	4.565	129.787	MWD+IFR1+MS
1400.000	4.000	29.032	1399.838	6.350	0.000	4.992	0.000	2.819	0.000	6.415	0.000	4.921	4.921	130.810	MWD+IFR1+MS
1500.000	6.000	29.032	1499.452	7.016	0.000	5.373	0.000	2.887	0.000	7.111	0.000	5.277	5.277	131.301	MWD+IFR1+MS
1600.000	8.000	29.032	1598.702	7.632	0.000	5.750	0.000	2.962	0.000	7.758	0.000	5.632	5.632	131.588	MWD+IFR1+MS
1700.000	10.000	29.032	1697.465	8.208	0.000	6.125	0.000	3.047	0.000	8.367	0.000	5.988	5.988	131.779	MWD+IFR1+MS
1781.100	11.622	29.032	1777.124	8.565	0.000	6.420	0.000	3.115	0.000	8.752	0.000	6.276	6.276	131.816	MWD+IFR1+MS
1800.000	11.622	29.032	1795.636	8.617	0.000	6.485	0.000	3.125	0.000	8.804	0.000	6.344	6.344	131.786	MWD+IFR1+MS
1900.000	11.622	29.032	1893.586	8.893	0.000	6.842	0.000	3.204	0.000	9.073	0.000	6.707	6.707	131.834	MWD+IFR1+MS
2000.000	11.622	29.032	1991.535	9.190	0.000	7.217	0.000	3.287	0.000	9.367	0.000	7.081	7.081	132.195	MWD+IFR1+MS
2100.000	11.622	29.032	2089.485	9.493	0.000	7.593	0.000	3.374	0.000	9.667	0.000	7.455	7.455	132.548	MWD+IFR1+MS
2200.000	11.622	29.032	2187.435	9.802	0.000	7.968	0.000	3.463	0.000	9.973	0.000	7.829	7.829	132.892	MWD+IFR1+MS
2300.000	11.622	29.032	2285.385	10.117	0.000	8.343	0.000	3.554	0.000	10.283	0.000	8.204	8.204	133.227	MWD+IFR1+MS
2400.000	11.622	29.032	2383.335	10.436	0.000	8.719	0.000	3.648	0.000	10.598	0.000	8.578	8.578	133.554	MWD+IFR1+MS
2500.000	11.622	29.032	2481.284	10.759	0.000	9.095	0.000	3.744	0.000	10.917	0.000	8.953	8.953	133.872	MWD+IFR1+MS
2600.000	11.622	29.032	2579.234	11.087	0.000	9.470	0.000	3.843	0.000	11.240	0.000	9.328	9.328	134.181	MWD+IFR1+MS
2700.000	11.622	29.032	2677.184	11.418	0.000	9.846	0.000	3.943	0.000	11.566	0.000	9.702	9.702	134.483	MWD+IFR1+MS
2800.000	11.622	29.032	2775.134	11.753	0.000	10.222	0.000	4.045	0.000	11.895	0.000	10.077	10.077	134.776	MWD+IFR1+MS
2900.000	11.622	29.032	2873.084	12.090	0.000	10.598	0.000	4.149	0.000	12.227	0.000	10.452	10.452	-44.939	MWD+IFR1+MS

3000.000	11.622	29.032	2971.033	12.431	0.000	10.974	0.000	4.255	0.000	0.000	12.562	10.827	-44.662	MWD+IFR1+MS
3100.000	11.622	29.032	3068.983	12.774	0.000	11.350	0.000	4.362	0.000	0.000	12.900	11.202	-44.393	MWD+IFR1+MS
3200.000	11.622	29.032	3166.933	13.119	0.000	11.726	0.000	4.471	0.000	0.000	13.239	11.578	-44.132	MWD+IFR1+MS
3300.000	11.622	29.032	3264.883	13.467	0.000	12.102	0.000	4.582	0.000	0.000	13.581	11.953	-43.878	MWD+IFR1+MS
3400.000	11.622	29.032	3362.833	13.816	0.000	12.478	0.000	4.694	0.000	0.000	13.925	12.328	-43.632	MWD+IFR1+MS
3500.000	11.622	29.032	3460.782	14.168	0.000	12.855	0.000	4.808	0.000	0.000	14.270	12.704	-43.393	MWD+IFR1+MS
3600.000	11.622	29.032	3558.732	14.521	0.000	13.231	0.000	4.923	0.000	0.000	14.617	13.079	-43.162	MWD+IFR1+MS
3700.000	11.622	29.032	3656.682	14.876	0.000	13.607	0.000	5.040	0.000	0.000	14.966	13.455	-42.937	MWD+IFR1+MS
3800.000	11.622	29.032	3754.632	15.232	0.000	13.983	0.000	5.158	0.000	0.000	15.316	13.831	-42.720	MWD+IFR1+MS
3900.000	11.622	29.032	3852.582	15.590	0.000	14.360	0.000	5.278	0.000	0.000	15.667	14.206	-42.510	MWD+IFR1+MS
4000.000	11.622	29.032	3950.531	15.949	0.000	14.736	0.000	5.399	0.000	0.000	16.020	14.582	-42.307	MWD+IFR1+MS
4100.000	11.622	29.032	4048.481	16.310	0.000	15.112	0.000	5.521	0.000	0.000	16.374	14.958	-42.110	MWD+IFR1+MS
4200.000	11.622	29.032	4146.431	16.671	0.000	15.488	0.000	5.646	0.000	0.000	16.728	15.334	-41.920	MWD+IFR1+MS
4300.000	11.622	29.032	4244.381	17.034	0.000	15.865	0.000	5.771	0.000	0.000	17.084	15.710	-41.736	MWD+IFR1+MS
4400.000	11.622	29.032	4342.330	17.397	0.000	16.241	0.000	5.899	0.000	0.000	17.441	16.086	-41.558	MWD+IFR1+MS
4500.000	11.622	29.032	4440.280	17.762	0.000	16.618	0.000	6.027	0.000	0.000	17.799	16.462	-41.387	MWD+IFR1+MS
4600.000	11.622	29.032	4538.230	18.127	0.000	16.994	0.000	6.158	0.000	0.000	18.158	16.838	-41.222	MWD+IFR1+MS
4700.000	11.622	29.032	4636.180	18.493	0.000	17.370	0.000	6.289	0.000	0.000	18.517	17.214	-41.063	MWD+IFR1+MS
4800.000	11.622	29.032	4734.130	18.860	0.000	17.747	0.000	6.423	0.000	0.000	18.877	17.590	-40.910	MWD+IFR1+MS
4900.000	11.622	29.032	4832.079	19.228	0.000	18.123	0.000	6.558	0.000	0.000	19.238	17.967	-40.763	MWD+IFR1+MS
5000.000	11.622	29.032	4930.029	19.597	0.000	18.500	0.000	6.694	0.000	0.000	19.600	18.343	-40.622	MWD+IFR1+MS
5100.000	11.622	29.032	5027.979	19.966	0.000	18.876	0.000	6.833	0.000	0.000	19.962	18.719	-40.486	MWD+IFR1+MS
5200.000	11.622	29.032	5125.929	20.335	0.000	19.252	0.000	6.973	0.000	0.000	20.325	19.096	-40.355	MWD+IFR1+MS
5300.000	11.622	29.032	5223.879	20.706	0.000	19.629	0.000	7.114	0.000	0.000	20.688	19.472	-40.230	MWD+IFR1+MS
5400.000	11.622	29.032	5321.828	21.077	0.000	20.005	0.000	7.257	0.000	0.000	21.052	19.849	-40.111	MWD+IFR1+MS
5500.000	11.622	29.032	5419.778	21.448	0.000	20.382	0.000	7.402	0.000	0.000	21.416	20.225	-39.997	MWD+IFR1+MS
5600.000	11.622	29.032	5517.728	21.820	0.000	20.758	0.000	7.549	0.000	0.000	21.781	20.602	-39.887	MWD+IFR1+MS
5700.000	11.622	29.032	5615.678	22.192	0.000	21.135	0.000	7.698	0.000	0.000	22.147	20.978	-39.784	MWD+IFR1+MS
5800.000	11.622	29.032	5713.628	22.565	0.000	21.511	0.000	7.848	0.000	0.000	22.513	21.355	-39.685	MWD+IFR1+MS
5900.000	11.622	29.032	5811.577	22.939	0.000	21.888	0.000	8.000	0.000	0.000	22.879	21.732	-39.591	MWD+IFR1+MS
6000.000	11.622	29.032	5909.527	23.312	0.000	22.264	0.000	8.154	0.000	0.000	23.245	22.109	-39.501	MWD+IFR1+MS
6100.000	11.622	29.032	6007.477	23.687	0.000	22.641	0.000	8.310	0.000	0.000	23.612	22.485	-39.417	MWD+IFR1+MS
6200.000	11.622	29.032	6105.427	24.061	0.000	23.017	0.000	8.468	0.000	0.000	23.980	22.862	-39.338	MWD+IFR1+MS

6300.000	11.622	29.032	6203.377	24.436	0.000	23.394	0.000	8.628	0.000	24.348	23.239	-39.263	MWD+IFR1+MS
6319.908	11.622	29.032	6222.876	24.509	0.000	23.467	0.000	8.660	0.000	24.419	23.313	-39.302	MWD+IFR1+MS
6400.000	10.020	29.032	6301.542	24.835	0.000	23.762	0.000	8.790	0.000	24.716	23.612	-39.520	MWD+IFR1+MS
6500.000	8.020	29.032	6400.300	25.283	0.000	24.131	0.000	8.955	0.000	25.156	23.980	-40.237	MWD+IFR1+MS
6600.000	6.020	29.032	6499.545	25.714	0.000	24.495	0.000	9.115	0.000	25.611	24.343	-40.948	MWD+IFR1+MS
6700.000	4.020	29.032	6599.157	26.107	0.000	24.853	0.000	9.268	0.000	26.058	24.699	-41.539	MWD+IFR1+MS
6800.000	2.020	29.032	6699.013	26.461	0.000	25.205	0.000	9.417	0.000	26.497	25.049	-42.026	MWD+IFR1+MS
6901.008	0.000	0.000	6800.000	26.128	0.000	26.214	0.000	9.564	0.000	26.915	25.405	-43.363	MWD+IFR1+MS
7000.000	0.000	0.000	6898.992	26.495	0.000	26.543	0.000	9.708	0.000	27.267	25.749	-44.105	MWD+IFR1+MS
7100.000	0.000	0.000	6998.992	26.832	0.000	26.875	0.000	9.855	0.000	27.597	26.089	-44.190	MWD+IFR1+MS
7200.000	0.000	0.000	7098.992	27.170	0.000	27.208	0.000	10.005	0.000	27.928	26.429	-44.273	MWD+IFR1+MS
7300.000	0.000	0.000	7198.992	27.508	0.000	27.542	0.000	10.158	0.000	28.260	26.769	-44.356	MWD+IFR1+MS
7400.000	0.000	0.000	7298.992	27.847	0.000	27.876	0.000	10.314	0.000	28.593	27.110	-44.437	MWD+IFR1+MS
7500.000	0.000	0.000	7398.992	28.186	0.000	28.211	0.000	10.473	0.000	28.926	27.451	-44.518	MWD+IFR1+MS
7600.000	0.000	0.000	7498.992	28.525	0.000	28.546	0.000	10.634	0.000	29.260	27.793	-44.597	MWD+IFR1+MS
7700.000	0.000	0.000	7598.992	28.866	0.000	28.882	0.000	10.799	0.000	29.594	28.135	-44.675	MWD+IFR1+MS
7800.000	0.000	0.000	7698.992	29.206	0.000	29.219	0.000	10.966	0.000	29.929	28.478	-44.753	MWD+IFR1+MS
7900.000	0.000	0.000	7798.992	29.547	0.000	29.556	0.000	11.136	0.000	30.264	28.821	-44.829	MWD+IFR1+MS
8000.000	0.000	0.000	7898.992	29.888	0.000	29.893	0.000	11.310	0.000	30.600	29.164	-44.905	MWD+IFR1+MS
8100.000	0.000	0.000	7998.992	30.230	0.000	30.231	0.000	11.486	0.000	30.936	29.508	-44.979	MWD+IFR1+MS
8200.000	0.000	0.000	8098.992	30.572	0.000	30.570	0.000	11.665	0.000	31.273	29.852	134.947	MWD+IFR1+MS
8300.000	0.000	0.000	8198.992	30.915	0.000	30.909	0.000	11.847	0.000	31.611	30.196	134.875	MWD+IFR1+MS
8400.000	0.000	0.000	8298.992	31.258	0.000	31.248	0.000	12.032	0.000	31.949	30.541	134.803	MWD+IFR1+MS
8500.000	0.000	0.000	8398.992	31.601	0.000	31.588	0.000	12.220	0.000	32.287	30.886	134.732	MWD+IFR1+MS
8600.000	0.000	0.000	8498.992	31.944	0.000	31.928	0.000	12.411	0.000	32.626	31.231	134.662	MWD+IFR1+MS
8700.000	0.000	0.000	8598.992	32.288	0.000	32.269	0.000	12.606	0.000	32.965	31.577	134.593	MWD+IFR1+MS
8800.000	0.000	0.000	8698.992	32.632	0.000	32.610	0.000	12.803	0.000	33.305	31.923	134.524	MWD+IFR1+MS
8900.000	0.000	0.000	8798.992	32.977	0.000	32.951	0.000	13.003	0.000	33.645	32.269	134.457	MWD+IFR1+MS
9000.000	0.000	0.000	8898.992	33.322	0.000	33.293	0.000	13.206	0.000	33.985	32.615	134.390	MWD+IFR1+MS
9100.000	0.000	0.000	8998.992	33.667	0.000	33.635	0.000	13.413	0.000	34.326	32.962	134.324	MWD+IFR1+MS
9200.000	0.000	0.000	9098.992	34.012	0.000	33.977	0.000	13.622	0.000	34.667	33.309	134.259	MWD+IFR1+MS
9300.000	0.000	0.000	9198.992	34.358	0.000	34.320	0.000	13.835	0.000	35.008	33.656	134.194	MWD+IFR1+MS
9400.000	0.000	0.000	9298.992	34.704	0.000	34.663	0.000	14.050	0.000	35.350	34.004	134.131	MWD+IFR1+MS

9500.000	0.000	0.000	9398.992	35.050	0.000	35.006	0.000	14.269	0.000	0.000	35.692	34.351	134.068	MWD+IFR1+MS
9600.000	0.000	0.000	9498.992	35.396	0.000	35.350	0.000	14.491	0.000	0.000	36.035	34.699	134.006	MWD+IFR1+MS
9700.000	0.000	0.000	9598.992	35.743	0.000	35.694	0.000	14.716	0.000	0.000	36.377	35.047	133.944	MWD+IFR1+MS
9800.000	0.000	0.000	9698.992	36.090	0.000	36.038	0.000	14.944	0.000	0.000	36.720	35.395	133.883	MWD+IFR1+MS
9900.000	0.000	0.000	9798.992	36.437	0.000	36.383	0.000	15.175	0.000	0.000	37.064	35.744	133.823	MWD+IFR1+MS
10000.000	0.000	0.000	9898.992	36.784	0.000	36.727	0.000	15.410	0.000	0.000	37.407	36.092	133.764	MWD+IFR1+MS
10100.000	0.000	0.000	9998.992	37.132	0.000	37.072	0.000	15.647	0.000	0.000	37.751	36.441	133.705	MWD+IFR1+MS
10200.000	0.000	0.000	10098.992	37.479	0.000	37.418	0.000	15.888	0.000	0.000	38.095	36.790	133.647	MWD+IFR1+MS
10214.811	0.000	0.000	10113.803	37.530	0.000	37.468	0.000	15.924	0.000	0.000	38.145	36.842	133.637	MWD+IFR1+MS
10300.000	6.815	179.611	10198.791	37.365	0.000	37.749	-0.000	16.132	0.000	0.000	38.495	37.179	130.532	MWD+IFR1+MS
10400.000	14.815	179.611	10296.935	37.423	0.000	38.040	-0.000	16.443	0.000	0.000	39.464	37.695	115.556	MWD+IFR1+MS
10500.000	22.815	179.611	10391.515	37.083	0.000	38.308	-0.000	16.921	0.000	0.000	40.575	38.056	107.767	MWD+IFR1+MS
10600.000	30.815	179.611	10480.689	36.245	0.000	38.550	-0.000	17.620	0.000	0.000	41.569	38.335	104.270	MWD+IFR1+MS
10700.000	38.815	179.611	10562.722	35.005	0.000	38.764	-0.000	18.571	0.000	0.000	42.398	38.564	102.514	MWD+IFR1+MS
10800.000	46.815	179.611	10636.017	33.488	0.000	38.948	-0.000	19.769	0.000	0.000	43.048	38.753	101.622	MWD+IFR1+MS
10900.000	54.815	179.611	10699.149	31.855	0.000	39.103	-0.000	21.185	0.000	0.000	43.523	38.905	101.236	MWD+IFR1+MS
11000.000	62.815	179.611	10750.887	30.305	0.000	39.228	-0.000	22.769	0.000	0.000	43.840	39.022	101.182	MWD+IFR1+MS
11100.000	70.815	179.611	10790.225	29.066	0.000	39.322	-0.000	24.463	0.000	0.000	44.024	39.106	101.351	MWD+IFR1+MS
11200.000	78.815	179.611	10816.397	28.365	0.000	39.386	-0.000	26.205	0.000	0.000	44.110	39.158	101.654	MWD+IFR1+MS
11300.000	86.815	179.611	10828.894	28.383	0.000	39.421	-0.000	27.938	0.000	0.000	44.138	39.179	101.989	MWD+IFR1+MS
11339.811	90.000	179.611	10830.000	28.123	0.000	39.424	-0.000	28.123	0.000	0.000	44.143	39.178	102.093	MWD+IFR1+MS
11400.000	90.000	179.611	10830.000	28.254	0.000	39.428	-0.000	28.254	0.000	0.000	44.150	39.175	102.253	MWD+IFR1+MS
11500.000	90.000	179.611	10830.000	28.447	0.000	39.450	-0.000	28.447	0.000	0.000	44.163	39.185	102.554	MWD+IFR1+MS
11600.000	90.000	179.611	10830.000	28.664	0.000	39.488	-0.000	28.664	0.000	0.000	44.177	39.211	102.893	MWD+IFR1+MS
11700.000	90.000	179.611	10830.000	28.899	0.000	39.542	-0.000	28.899	0.000	0.000	44.193	39.250	103.269	MWD+IFR1+MS
11800.000	90.000	179.611	10830.000	29.155	0.000	39.610	-0.000	29.155	0.000	0.000	44.211	39.303	103.685	MWD+IFR1+MS
11900.000	90.000	179.611	10830.000	29.428	0.000	39.693	-0.000	29.428	0.000	0.000	44.231	39.369	104.145	MWD+IFR1+MS
12000.000	90.000	179.611	10830.000	29.720	0.000	39.790	-0.000	29.720	0.000	0.000	44.252	39.448	104.652	MWD+IFR1+MS
12100.000	90.000	179.611	10830.000	30.030	0.000	39.902	-0.000	30.030	0.000	0.000	44.276	39.541	105.212	MWD+IFR1+MS
12200.000	90.000	179.611	10830.000	30.357	0.000	40.028	-0.000	30.357	0.000	0.000	44.302	39.645	105.831	MWD+IFR1+MS
12300.000	90.000	179.611	10830.000	30.700	0.000	40.168	-0.000	30.700	0.000	0.000	44.331	39.762	106.515	MWD+IFR1+MS
12400.000	90.000	179.611	10830.000	31.060	0.000	40.323	-0.000	31.060	0.000	0.000	44.363	39.891	107.273	MWD+IFR1+MS
12500.000	90.000	179.611	10830.000	31.435	0.000	40.491	-0.000	31.435	0.000	0.000	44.398	40.030	108.112	MWD+IFR1+MS

12600.000	90.000	179.611	10830.000	31.825	0.000	40.673	-0.000	31.825	0.000	44.437	40.180	109.044	MWD+IFR1+MS
12700.000	90.000	179.611	10830.000	32.229	0.000	40.869	-0.000	32.229	0.000	44.480	40.340	110.080	MWD+IFR1+MS
12800.000	90.000	179.611	10830.000	32.647	0.000	41.078	-0.000	32.647	0.000	44.528	40.509	111.234	MWD+IFR1+MS
12900.000	90.000	179.611	10830.000	33.079	0.000	41.300	-0.000	33.079	0.000	44.582	40.686	112.519	MWD+IFR1+MS
13000.000	90.000	179.611	10830.000	33.523	0.000	41.535	-0.000	33.523	0.000	44.643	40.869	113.953	MWD+IFR1+MS
13100.000	90.000	179.611	10830.000	33.979	0.000	41.782	-0.000	33.979	0.000	44.711	41.059	115.551	MWD+IFR1+MS
13200.000	90.000	179.611	10830.000	34.448	0.000	42.043	-0.000	34.448	0.000	44.788	41.252	117.329	MWD+IFR1+MS
13300.000	90.000	179.611	10830.000	34.928	0.000	42.315	-0.000	34.928	0.000	44.875	41.448	119.302	MWD+IFR1+MS
13400.000	90.000	179.611	10830.000	35.418	0.000	42.599	-0.000	35.418	0.000	44.975	41.645	121.479	MWD+IFR1+MS
13500.000	90.000	179.611	10830.000	35.920	0.000	42.896	-0.000	35.920	0.000	45.088	41.840	123.862	MWD+IFR1+MS
13600.000	90.000	179.611	10830.000	36.431	0.000	43.203	-0.000	36.431	0.000	45.218	42.031	126.443	MWD+IFR1+MS
13700.000	90.000	179.611	10830.000	36.951	0.000	43.522	-0.000	36.951	0.000	45.365	42.216	129.198	MWD+IFR1+MS
13800.000	90.000	179.611	10830.000	37.481	0.000	43.852	-0.000	37.481	0.000	45.533	42.393	132.087	MWD+IFR1+MS
13900.000	90.000	179.611	10830.000	38.020	0.000	44.193	-0.000	38.020	0.000	45.721	42.560	-44.942	MWD+IFR1+MS
14000.000	90.000	179.611	10830.000	38.567	0.000	44.545	-0.000	38.567	0.000	45.932	42.715	-41.953	MWD+IFR1+MS
14100.000	90.000	179.611	10830.000	39.123	0.000	44.907	-0.000	39.123	0.000	46.166	42.858	-39.012	MWD+IFR1+MS
14200.000	90.000	179.611	10830.000	39.686	0.000	45.278	-0.000	39.686	0.000	46.423	42.990	-36.178	MWD+IFR1+MS
14300.000	90.000	179.611	10830.000	40.256	0.000	45.660	-0.000	40.256	0.000	46.703	43.109	-33.498	MWD+IFR1+MS
14400.000	90.000	179.611	10830.000	40.834	0.000	46.051	-0.000	40.834	0.000	47.003	43.217	-31.004	MWD+IFR1+MS
14500.000	90.000	179.611	10830.000	41.418	0.000	46.452	-0.000	41.418	0.000	47.324	43.315	-28.712	MWD+IFR1+MS
14600.000	90.000	179.611	10830.000	42.009	0.000	46.861	-0.000	42.009	0.000	47.663	43.404	-26.624	MWD+IFR1+MS
14700.000	90.000	179.611	10830.000	42.606	0.000	47.280	-0.000	42.606	0.000	48.020	43.485	-24.734	MWD+IFR1+MS
14800.000	90.000	179.611	10830.000	43.209	0.000	47.707	-0.000	43.209	0.000	48.392	43.559	-23.031	MWD+IFR1+MS
14900.000	90.000	179.611	10830.000	43.818	0.000	48.142	-0.000	43.818	0.000	48.779	43.628	-21.498	MWD+IFR1+MS
15000.000	90.000	179.611	10830.000	44.433	0.000	48.586	-0.000	44.433	0.000	49.180	43.692	-20.119	MWD+IFR1+MS
15100.000	90.000	179.611	10830.000	45.053	0.000	49.037	-0.000	45.053	0.000	49.593	43.751	-18.878	MWD+IFR1+MS
15200.000	90.000	179.611	10830.000	45.677	0.000	49.497	-0.000	45.677	0.000	50.019	43.807	-17.759	MWD+IFR1+MS
15300.000	90.000	179.611	10830.000	46.307	0.000	49.963	-0.000	46.307	0.000	50.455	43.861	-16.749	MWD+IFR1+MS
15400.000	90.000	179.611	10830.000	46.941	0.000	50.438	-0.000	46.941	0.000	50.901	43.911	-15.834	MWD+IFR1+MS
15500.000	90.000	179.611	10830.000	47.580	0.000	50.919	-0.000	47.580	0.000	51.358	43.960	-15.004	MWD+IFR1+MS
15600.000	90.000	179.611	10830.000	48.223	0.000	51.407	-0.000	48.223	0.000	51.823	44.007	-14.249	MWD+IFR1+MS
15700.000	90.000	179.611	10830.000	48.871	0.000	51.902	-0.000	48.871	0.000	52.297	44.052	-13.560	MWD+IFR1+MS
15800.000	90.000	179.611	10830.000	49.522	0.000	52.403	-0.000	49.522	0.000	52.780	44.097	-12.929	MWD+IFR1+MS

15900.000	90.000	179.611	10830.000	50.177	0.000	52.911	-0.000	50.177	0.000	53.270	44.140	-12.350	MWD+IFR1+MS
16000.000	90.000	179.611	10830.000	50.836	0.000	53.424	-0.000	50.836	0.000	53.768	44.182	-11.818	MWD+IFR1+MS
16100.000	90.000	179.611	10830.000	51.498	0.000	53.944	-0.000	51.498	0.000	54.273	44.224	-11.327	MWD+IFR1+MS
16200.000	90.000	179.611	10830.000	52.164	0.000	54.470	-0.000	52.164	0.000	54.785	44.265	-10.873	MWD+IFR1+MS
16300.000	90.000	179.611	10830.000	52.833	0.000	55.001	-0.000	52.833	0.000	55.304	44.306	-10.453	MWD+IFR1+MS
16400.000	90.000	179.611	10830.000	53.505	0.000	55.538	-0.000	53.505	0.000	55.829	44.347	-10.062	MWD+IFR1+MS
16500.000	90.000	179.611	10830.000	54.180	0.000	56.079	-0.000	54.180	0.000	56.360	44.387	-9.699	MWD+IFR1+MS
16600.000	90.000	179.611	10830.000	54.858	0.000	56.627	-0.000	54.858	0.000	56.897	44.427	-9.359	MWD+IFR1+MS
16700.000	90.000	179.611	10830.000	55.539	0.000	57.179	-0.000	55.539	0.000	57.440	44.467	-9.043	MWD+IFR1+MS
16800.000	90.000	179.611	10830.000	56.223	0.000	57.736	-0.000	56.223	0.000	57.988	44.507	-8.746	MWD+IFR1+MS
16900.000	90.000	179.611	10830.000	56.909	0.000	58.298	-0.000	56.909	0.000	58.541	44.547	-8.468	MWD+IFR1+MS
17000.000	90.000	179.611	10830.000	57.598	0.000	58.864	-0.000	57.598	0.000	59.100	44.587	-8.206	MWD+IFR1+MS
17100.000	90.000	179.611	10830.000	58.289	0.000	59.435	-0.000	58.289	0.000	59.663	44.627	-7.960	MWD+IFR1+MS
17200.000	90.000	179.611	10830.000	58.982	0.000	60.010	-0.000	58.982	0.000	60.232	44.667	-7.728	MWD+IFR1+MS
17300.000	90.000	179.611	10830.000	59.678	0.000	60.589	-0.000	59.678	0.000	60.804	44.707	-7.509	MWD+IFR1+MS
17400.000	90.000	179.611	10830.000	60.376	0.000	61.173	-0.000	60.376	0.000	61.382	44.748	-7.302	MWD+IFR1+MS
17500.000	90.000	179.611	10830.000	61.076	0.000	61.760	-0.000	61.076	0.000	61.963	44.789	-7.106	MWD+IFR1+MS
17600.000	90.000	179.611	10830.000	61.778	0.000	62.352	-0.000	61.778	0.000	62.549	44.830	-6.920	MWD+IFR1+MS
17700.000	90.000	179.611	10830.000	62.482	0.000	62.947	-0.000	62.482	0.000	63.138	44.871	-6.744	MWD+IFR1+MS
17800.000	90.000	179.611	10830.000	63.188	0.000	63.545	-0.000	63.188	0.000	63.732	44.913	-6.576	MWD+IFR1+MS
17900.000	90.000	179.611	10830.000	63.896	0.000	64.148	-0.000	63.896	0.000	64.330	44.954	-6.417	MWD+IFR1+MS
18000.000	90.000	179.611	10830.000	64.605	0.000	64.753	-0.000	64.605	0.000	64.931	44.996	-6.265	MWD+IFR1+MS
18100.000	90.000	179.611	10830.000	65.317	0.000	65.363	-0.000	65.317	0.000	65.535	45.039	-6.121	MWD+IFR1+MS
18200.000	90.000	179.611	10830.000	66.030	0.000	65.975	-0.000	66.030	0.000	66.143	45.082	-5.983	MWD+IFR1+MS
18300.000	90.000	179.611	10830.000	66.744	0.000	66.590	-0.000	66.744	0.000	66.755	45.125	-5.851	MWD+IFR1+MS
18400.000	90.000	179.611	10830.000	67.460	0.000	67.209	-0.000	67.460	0.000	67.370	45.168	-5.725	MWD+IFR1+MS
18500.000	90.000	179.611	10830.000	68.178	0.000	67.831	-0.000	68.178	0.000	67.987	45.212	-5.604	MWD+IFR1+MS
18600.000	90.000	179.611	10830.000	68.897	0.000	68.455	-0.000	68.897	0.000	68.608	45.256	-5.488	MWD+IFR1+MS
18700.000	90.000	179.611	10830.000	69.618	0.000	69.083	-0.000	69.618	0.000	69.232	45.301	-5.378	MWD+IFR1+MS
18800.000	90.000	179.611	10830.000	70.339	0.000	69.713	-0.000	70.339	0.000	69.859	45.346	-5.271	MWD+IFR1+MS
18900.000	90.000	179.611	10830.000	71.063	0.000	70.345	-0.000	71.063	0.000	70.489	45.391	-5.169	MWD+IFR1+MS
19000.000	90.000	179.611	10830.000	71.787	0.000	70.981	-0.000	71.787	0.000	71.121	45.437	-5.071	MWD+IFR1+MS
19100.000	90.000	179.611	10830.000	72.513	0.000	71.619	-0.000	72.513	0.000	71.756	45.483	-4.977	MWD+IFR1+MS

19200.000	90.000	179.611	10830.000	73.240	0.000	72.259	-0.000	73.240	0.000	72.394	45.530	-4.886	MWD+IFR1+MS
19300.000	90.000	179.611	10830.000	73.968	0.000	72.902	-0.000	73.968	0.000	73.034	45.576	-4.799	MWD+IFR1+MS
19400.000	90.000	179.611	10830.000	74.697	0.000	73.547	-0.000	74.697	0.000	73.677	45.624	-4.715	MWD+IFR1+MS
19500.000	90.000	179.611	10830.000	75.428	0.000	74.195	-0.000	75.428	0.000	74.322	45.672	-4.634	MWD+IFR1+MS
19600.000	90.000	179.611	10830.000	76.159	0.000	74.845	-0.000	76.159	0.000	74.969	45.720	-4.556	MWD+IFR1+MS
19700.000	90.000	179.611	10830.000	76.892	0.000	75.497	-0.000	76.892	0.000	75.619	45.768	-4.480	MWD+IFR1+MS
19800.000	90.000	179.611	10830.000	77.626	0.000	76.151	-0.000	77.626	0.000	76.270	45.817	-4.407	MWD+IFR1+MS
19900.000	90.000	179.611	10830.000	78.360	0.000	76.807	-0.000	78.360	0.000	76.924	45.867	-4.337	MWD+IFR1+MS
20000.000	90.000	179.611	10830.000	79.096	0.000	77.465	-0.000	79.096	0.000	77.580	45.917	-4.269	MWD+IFR1+MS
20100.000	90.000	179.611	10830.000	79.832	0.000	78.125	-0.000	79.832	0.000	78.238	45.967	-4.203	MWD+IFR1+MS
20200.000	90.000	179.611	10830.000	80.570	0.000	78.787	-0.000	80.570	0.000	78.898	46.018	-4.139	MWD+IFR1+MS
20300.000	90.000	179.611	10830.000	81.308	0.000	79.451	-0.000	81.308	0.000	79.560	46.069	-4.077	MWD+IFR1+MS
20400.000	90.000	179.611	10830.000	82.047	0.000	80.116	-0.000	82.047	0.000	80.224	46.120	-4.017	MWD+IFR1+MS
20500.000	90.000	179.611	10830.000	82.787	0.000	80.784	-0.000	82.787	0.000	80.890	46.172	-3.959	MWD+IFR1+MS
20600.000	90.000	179.611	10830.000	83.528	0.000	81.453	-0.000	83.528	0.000	81.557	46.225	-3.903	MWD+IFR1+MS
20700.000	90.000	179.611	10830.000	84.269	0.000	82.124	-0.000	84.269	0.000	82.226	46.278	-3.848	MWD+IFR1+MS
20800.000	90.000	179.611	10830.000	85.012	0.000	82.796	-0.000	85.012	0.000	82.897	46.331	-3.795	MWD+IFR1+MS
20900.000	90.000	179.611	10830.000	85.755	0.000	83.470	-0.000	85.755	0.000	83.569	46.385	-3.744	MWD+IFR1+MS
21000.000	90.000	179.611	10830.000	86.499	0.000	84.146	-0.000	86.499	0.000	84.243	46.439	-3.694	MWD+IFR1+MS
21100.000	90.000	179.611	10830.000	87.243	0.000	84.823	-0.000	87.243	0.000	84.919	46.493	-3.646	MWD+IFR1+MS
21200.000	90.000	179.611	10830.000	87.989	0.000	85.502	-0.000	87.989	0.000	85.596	46.548	-3.599	MWD+IFR1+MS
21300.000	90.000	179.611	10830.000	88.735	0.000	86.182	-0.000	88.735	0.000	86.275	46.604	-3.553	MWD+IFR1+MS
21400.000	90.000	179.611	10830.000	89.481	0.000	86.863	-0.000	89.481	0.000	86.955	46.660	-3.508	MWD+IFR1+MS
21500.000	90.000	179.611	10830.000	90.228	0.000	87.546	-0.000	90.228	0.000	87.637	46.716	-3.465	MWD+IFR1+MS
21600.000	90.000	179.611	10830.000	90.976	0.000	88.231	-0.000	90.976	0.000	88.320	46.773	-3.422	MWD+IFR1+MS
21702.749	90.000	179.611	10830.000	91.746	0.000	88.935	-0.000	91.746	0.000	89.023	46.832	-3.380	MWD+IFR1+MS
21752.695	90.000	179.611	10830.000	92.119	0.000	89.277	-0.000	92.119	0.000	89.364	46.860	-3.360	MWD+IFR1+MS

Plan Targets 117H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 4	11339.81	440402.90	663982.30	7279.00	RECTANGLE
LTP 4	21702.75	430040.20	664052.60	7279.00	RECTANGLE

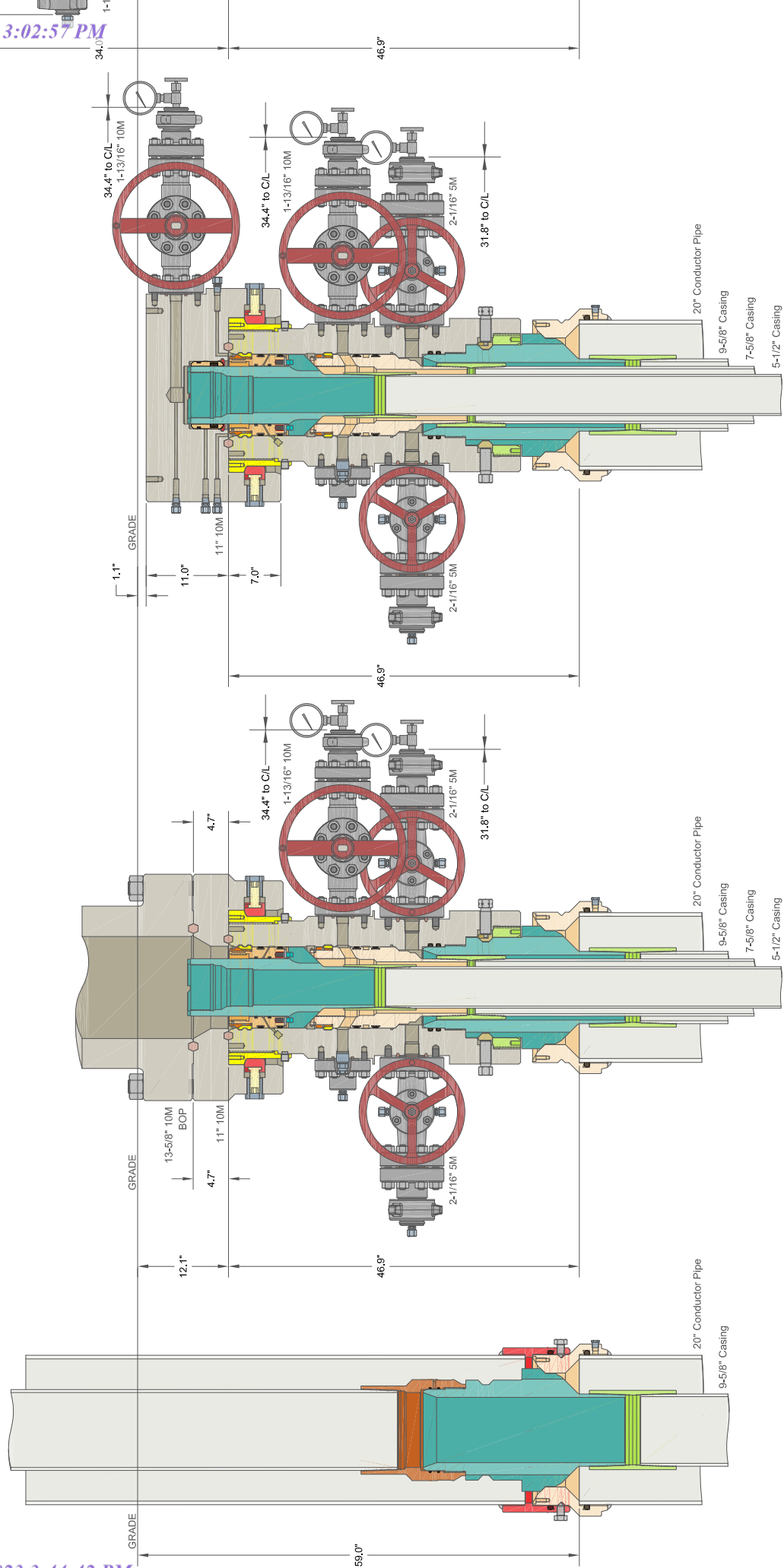
Well Plan Report

7279.00 RECTANGLE

664052.90

429990.20

21752.76



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 294369

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 294369
	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