

Well Name: JAMES RANCH UNIT DI 11 EKALAKA	Well Location: T22S / R30E / SEC 17 / NWSE /	County or Parish/State:
Well Number: 923H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM002951A	Unit or CA Name: JAMES RANCH	Unit or CA Number: NMNM070965X
US Well Number:	Well Status: Approved Application for Permit to Drill	Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2642442

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 11/02/2021	Time Sundry Submitted: 08:43
Date proposed operation will begin: 11/04/2021	

Procedure Description: **Name Change, Spacing, Casing/Cement, Drilling Variance Changes XTO Permian Operating, LLC requests permission to make the following changes to the original APD: No Additional Surface Disturbance Change Well Name fr/James Ranch Unit DI 11 Ekalaka 905H to James Ranch Unit DI 11 Ekalaka 923H Pool Change fr/ Los Medanos; Wolfcamp, South to Wildcat G-07 S223021G; Bone Spring. Change BHL fr/1650'FNL & 50'FEL, Section 15-22S-30E to 220'FNL & 50'FEL, Section 15-T22S-R30E Casing/Cementdesign per the attached drilling program. Attachments: C102 Drilling Program Directional Plan Multibowl Diagram

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

JRU_DI_11_923H_NOI_Attachments_20211102084327.pdf

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Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: STEPHANIE RABADUE	Signed on: NOV 02, 2021 08:43 AM
Name: XTO PERMIAN OPERATING LLC	
Title: Regulatory Coordinator	
Street Address: 500 W. Illinois St, Ste 100	
City: Midland	State: TX
Phone: (432) 620-6714	
Email address: STEPHANIE.RABADUE@EXXONMOBIL.COM	

Field Representative

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

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 11/05/2021
Signature: Chris Walls	

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 30-015-	² Pool Code 97905	³ Pool Name Wildcat G-07 S223021G; Bone Spring
⁴ Property Code	⁵ Property Name JAMES RANCH UNIT DI 11 EKALAKA	⁶ Well Number 923H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,111'

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
J	17	22S	30E		2,335	SOUTH	2,486	EAST	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
A	15	22S	30E		220	NORTH	50	EAST	EDDY

¹² Dedicated Acres 800	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. <i>Stephanie Rabadue</i> 10/01/2021 Signature Date Stephanie Rabadue Printed Name stephanie.rabadue@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. 9-30-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number RM 2019072060					

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

XTO Energy Inc.
James Ranch Unit DI 11 Ekalaka 923H
Projected TD: 23515' MD / 10612' TVD
SHL: 2335' FSL & 2486' FEL , Section 17, T22S, R30E
BHL: 220' FNL & 50' FEL , Section 15, T22S, 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	64'	Water
Top of Salt	687'	Water
Base of Salt	3194'	Water
Delaware	3422'	Water
Brushy Canyon	5983'	Water/Oil/Gas
Bone Spring	7213'	Water
1st Bone Spring Ss	8168'	Water/Oil/Gas
2nd Bone Spring Ss	8783'	Water/Oil/Gas
3rd Bone Spring Ss	10162'	Water/Oil/Gas
Target/Land Curve	10470'	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 @ 662' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9.625 inch casing at 3294' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 7.625 inch casing at 10050' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 23515 MD/TD and 5.5 x 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 9550 feet) per Potash regulations.

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 662'	13.375	54.5	J-55	BTC	New	2.77	3.86	23.64
12.25	0' – 3294'	9.625	40	J-55	BTC	New	1.73	2.56	4.78
8.75	0' – 3394'	7.625	29.7	RY P-110	Flush Joint	New	3.59	3.52	1.87
8.75	3394' – 10050'	7.625	29.7	HC L-80	Flush Joint	New	2.61	3.61	2.05
6.75	0' – 9950'	5.5	23	RY P-110	Semi-Premium	New	1.21	3.12	2.03
6.75	9950' - 10500'	5.5	23	RY P-110	Semi-Flush	New	1.21	2.96	4.63
6.75	10500' - 23515'	5.5	23	RY P-110	Semi-Flush	New	1.21	2.93	5.13

- XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface and intermediate 1 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.
- 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 2M annular & 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: 13-5/8" 10M top flange x 13-3/8" SOW bottom
- B. Tubing Head: 13-5/8" 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: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 662'

Lead: 260 sxs EconoCem-HLTRRC (mixed at 12.9 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 = 250 psi 24 hr = 500 psi

Due to the high probability of not getting cement to surface during conventional top-out jobs in the area, ~10-20 ppb gravel will be added on the backside of the 1" to get cement to surface, if required.

1st Intermediate Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 3294'

Lead: 1340 sxs Class C (mixed at 12.9 ppg, 1.39 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 +/- 10050'

1st Stage

Optional Lead: 150 sxs Class C (mixed at 10.5 ppg, 2.77 ft³/sx, 15.59 gal/sx water)
 TOC: 3094
 Tail: 370 sxs Class C (mixed at 14.8 ppg, 1.35 ft³/sx, 6.39 gal/sx water)
 TOC: Brushy Canyon @ 5983
 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: 350 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 (5983') 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 include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

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 to surface. 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, 23 New Semi-Flush, RY P-110 casing to be set at +/- 23515'

Lead: 30 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft³/sx, 15.00 gal/sx water) Top of Cement: 9550 feet
 Tail: 940 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft³/sx, 8.38 gal/sx water) Top of Cement: 10312 feet
 Compressives: 12-hr = 1375 psi 24 hr = 2285 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 3M Hydril and a 13-5/8" minimum 3M Double Ram BOP. MASP should not exceed 2632 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, 3M bradenhead and flange, the BOP test will be limited to 3000 psi. When nipping up on the 7.625, the BOP will be tested to a minimum of 3000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 3M 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' - 662'	17.5	FW/Native	8.5-9	35-40	NC
662' - 3294'	12.25	Brine	10-10.5	30-32	NC
3294' to 10050'	8.75	FW / Cut Brine	8.6-9.1	30-32	NC
10050' to 23515'	6.75	OBM	9-9.5	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 13-3/8" surface casing with brine solution. A 10.0 ppg - 10.5 ppg 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

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 4966 psi.

10. Anticipated Starting Date and Duration of Operations

Anticipated spud date will be after Remuda South 25 State drilling is completed and BLM approval. Move in operations and drilling is expected to take 40 days.

Well Plan Report - JRU DI11 Ekalaka 923H

Measured Depth: 23515.00 ft
TVD RKB: 10612.00 ft
Location
Cartographic Reference System: New Mexico East - NAD 27
Northing: 506330.90 ft
Easting: 632982.00 ft
RKB: 3142.00 ft
Ground Level: 3102.00 ft
North Reference: Grid
Convergence Angle: 0.23 Deg

Plan Sections JRU DI11 Ekalaka 923H									
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	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	
4313.46	22.27	7.18	4285.64	212.00	26.71	2.00	0.00	2.00	
10312.59	22.27	7.18	9837.32	2467.58	310.93	0.00	0.00	0.00	
11395.32	89.33	89.88	10470.00	2722.80	1018.00	6.19	7.64	8.00	Rev 2 FTP 13
23515.63	89.33	89.88	10612.00	2747.50	13137.45	0.00	0.00	0.00	Rev 2 BHL 13

Position Uncertainty JRU DI11 Ekalaka 923H														
Measured			TVD Highside			Lateral		Vertical		Magnitude	Semi-major	Semi-minor	Semi-minor	Tool
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	2.297	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.468	0.000	0.468	0.000	2.299	0.000	0.000	0.556	0.358	135.000	MWD+IFR1+MS
200.000	0.000	0.000	200.000	0.983	0.000	0.983	0.000	2.307	0.000	0.000	1.191	0.717	135.000	MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.403	0.000	1.403	0.000	2.321	0.000	0.000	1.668	1.075	135.000	MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.797	0.000	1.797	0.000	2.340	0.000	0.000	2.099	1.434	135.000	MWD+IFR1+MS
500.000	0.000	0.000	500.000	2.179	0.000	2.179	0.000	2.364	0.000	0.000	2.507	1.792	135.000	MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.554	0.000	2.554	0.000	2.393	0.000	0.000	2.902	2.151	135.000	MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.925	0.000	2.925	0.000	2.428	0.000	0.000	3.288	2.509	135.000	MWD+IFR1+MS
800.000	0.000	0.000	800.000	3.292	0.000	3.292	0.000	2.467	0.000	0.000	3.669	2.867	135.000	MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.659	0.000	3.659	0.000	2.511	0.000	0.000	4.046	3.226	135.000	MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	4.024	0.000	4.024	0.000	2.559	0.000	0.000	4.420	3.584	135.000	MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	4.387	0.000	4.387	0.000	2.613	0.000	0.000	4.791	3.943	135.000	MWD+IFR1+MS
1200.000	0.000	0.000	1200.000	4.751	0.000	4.751	0.000	2.670	0.000	0.000	5.161	4.302	135.000	MWD+IFR1+MS
1300.000	0.000	0.000	1300.000	5.113	0.000	5.113	0.000	2.731	0.000	0.000	5.529	4.660	135.000	MWD+IFR1+MS
1400.000	0.000	0.000	1400.000	5.474	0.000	5.474	0.000	2.797	0.000	0.000	5.896	5.018	135.000	MWD+IFR1+MS
1500.000	0.000	0.000	1500.000	5.836	0.000	5.836	0.000	2.866	0.000	0.000	6.262	5.377	135.000	MWD+IFR1+MS
1600.000	0.000	0.000	1600.000	6.197	0.000	6.197	0.000	2.939	0.000	0.000	6.627	5.735	135.000	MWD+IFR1+MS
1700.000	0.000	0.000	1700.000	6.558	0.000	6.558	0.000	3.015	0.000	0.000	6.992	6.094	135.000	MWD+IFR1+MS
1800.000	0.000	0.000	1800.000	6.918	0.000	6.918	0.000	3.095	0.000	0.000	7.355	6.452	135.000	MWD+IFR1+MS
1900.000	0.000	0.000	1900.000	7.279	0.000	7.279	0.000	3.178	0.000	0.000	7.719	6.811	135.000	MWD+IFR1+MS

2000.000	0.000	0.000	2000.000	7.639	0.000	7.639	0.000	3.265	0.000	0.000	8.081	7.169	135.000	MWD+IFR1+MS
2100.000	0.000	0.000	2100.000	7.999	0.000	7.999	0.000	3.354	0.000	0.000	8.444	7.527	135.000	MWD+IFR1+MS
2200.000	0.000	0.000	2200.000	8.359	0.000	8.359	0.000	3.447	0.000	0.000	8.806	7.886	135.000	MWD+IFR1+MS
2300.000	0.000	0.000	2300.000	8.718	0.000	8.718	0.000	3.544	0.000	0.000	9.168	8.244	135.000	MWD+IFR1+MS
2400.000	0.000	0.000	2400.000	9.079	0.000	9.079	0.000	3.643	0.000	0.000	9.530	8.603	135.000	MWD+IFR1+MS
2500.000	0.000	0.000	2500.000	9.437	0.000	9.437	0.000	3.744	0.000	0.000	9.891	8.961	135.000	MWD+IFR1+MS
2600.000	0.000	0.000	2600.000	9.797	0.000	9.797	0.000	3.848	0.000	0.000	10.252	9.320	135.000	MWD+IFR1+MS
2700.000	0.000	0.000	2700.000	10.154	0.000	10.154	0.000	3.956	0.000	0.000	10.611	9.675	135.000	MWD+IFR1+MS
2800.000	0.000	0.000	2800.000	10.512	0.000	10.512	0.000	4.066	0.000	0.000	10.970	10.032	135.000	MWD+IFR1+MS
2900.000	0.000	0.000	2900.000	10.872	0.000	10.872	0.000	4.179	0.000	0.000	11.332	10.392	135.000	MWD+IFR1+MS
3000.000	0.000	0.000	3000.000	11.234	0.000	11.234	0.000	4.294	0.000	0.000	11.695	10.753	135.000	MWD+IFR1+MS
3100.000	0.000	0.000	3100.000	11.593	0.000	11.593	0.000	4.412	0.000	0.000	12.055	11.112	135.000	MWD+IFR1+MS
3200.000	0.000	0.000	3200.000	11.950	0.000	11.950	0.000	4.533	0.000	0.000	12.413	11.468	135.000	MWD+IFR1+MS
3300.000	1.999	7.181	3299.980	12.493	0.000	12.193	0.000	4.656	0.000	0.000	12.838	11.835	133.262	MWD+IFR1+MS
3400.000	4.000	7.181	3399.838	13.023	0.000	12.555	0.000	4.782	0.000	0.000	13.363	12.220	129.376	MWD+IFR1+MS
3500.000	6.000	7.181	3499.452	13.526	0.000	12.919	0.000	4.912	0.000	0.000	13.883	12.596	126.639	MWD+IFR1+MS
3600.000	7.999	7.181	3598.702	14.003	0.000	13.281	0.000	5.048	0.000	0.000	14.394	12.965	124.586	MWD+IFR1+MS
3700.000	10.000	7.181	3697.465	14.454	0.000	13.641	0.000	5.188	0.000	0.000	14.895	13.328	123.062	MWD+IFR1+MS
3800.000	11.990	7.181	3795.623	14.884	0.000	14.002	0.000	5.337	0.000	0.000	15.388	13.690	121.899	MWD+IFR1+MS
3900.000	14.000	7.181	3893.055	15.290	0.000	14.361	0.000	5.494	0.000	0.000	15.870	14.048	120.988	MWD+IFR1+MS
4000.000	15.990	7.181	3989.643	15.676	0.000	14.722	0.000	5.660	0.000	0.000	16.342	14.407	120.304	MWD+IFR1+MS
4100.000	18.000	7.181	4085.268	16.039	0.000	15.084	0.000	5.835	0.000	0.000	16.805	14.765	119.790	MWD+IFR1+MS
4200.000	19.990	7.181	4179.816	16.382	0.000	15.444	0.000	6.022	0.000	0.000	17.256	15.121	119.402	MWD+IFR1+MS
4300.000	22.000	7.181	4273.169	16.705	0.000	15.803	0.000	6.221	0.000	0.000	17.698	15.475	119.076	MWD+IFR1+MS
4313.400	22.260	7.181	4285.637	16.727	0.000	15.851	0.000	6.236	0.000	0.000	17.740	15.524	119.080	MWD+IFR1+MS
4400.000	22.260	7.181	4365.722	17.007	0.000	16.156	0.000	6.373	0.000	0.000	18.002	15.831	119.291	MWD+IFR1+MS
4500.000	22.260	7.181	4458.263	17.340	0.000	16.521	0.000	6.539	0.000	0.000	18.316	16.193	119.702	MWD+IFR1+MS
4600.000	22.260	7.181	4550.805	17.679	0.000	16.890	0.000	6.710	0.000	0.000	18.637	16.558	120.134	MWD+IFR1+MS
4700.000	22.260	7.181	4643.346	18.022	0.000	17.260	0.000	6.887	0.000	0.000	18.961	16.923	120.568	MWD+IFR1+MS
4800.000	22.260	7.181	4735.888	18.370	0.000	17.633	0.000	7.068	0.000	0.000	19.290	17.292	121.002	MWD+IFR1+MS
4900.000	22.260	7.181	4828.429	18.724	0.000	18.010	0.000	7.254	0.000	0.000	19.623	17.664	121.437	MWD+IFR1+MS
5000.000	22.260	7.181	4920.970	19.080	0.000	18.387	0.000	7.444	0.000	0.000	19.959	18.037	121.872	MWD+IFR1+MS
5100.000	22.260	7.181	5013.512	19.442	0.000	18.765	0.000	7.637	0.000	0.000	20.298	18.411	122.272	MWD+IFR1+MS
5200.000	22.260	7.181	5106.053	19.805	0.000	19.148	0.000	7.835	0.000	0.000	20.641	18.789	122.742	MWD+IFR1+MS
5300.000	22.260	7.181	5198.594	20.173	0.000	19.528	0.000	8.037	0.000	0.000	20.987	19.166	123.141	MWD+IFR1+MS
5400.000	22.260	7.181	5291.136	20.543	0.000	19.914	0.000	8.242	0.000	0.000	21.335	19.547	123.612	MWD+IFR1+MS
5500.000	22.260	7.181	5383.677	20.917	0.000	20.298	0.000	8.450	0.000	0.000	21.686	19.927	124.009	MWD+IFR1+MS
5600.000	22.260	7.181	5476.218	21.292	0.000	20.687	0.000	8.663	0.000	0.000	22.040	20.311	124.478	MWD+IFR1+MS
5700.000	22.260	7.181	5568.760	21.672	0.000	21.075	0.000	8.877	0.000	0.000	22.397	20.695	124.913	MWD+IFR1+MS
5800.000	22.260	7.181	5661.301	22.054	0.000	21.466	0.000	9.097	0.000	0.000	22.757	21.081	125.344	MWD+IFR1+MS
5900.000	22.260	7.181	5753.843	22.438	0.000	21.856	0.000	9.318	0.000	0.000	23.118	21.467	125.773	MWD+IFR1+MS
6000.000	22.260	7.181	5846.384	22.825	0.000	22.247	0.000	9.543	0.000	0.000	23.482	21.854	126.166	MWD+IFR1+MS
6100.000	22.260	7.181	5938.925	23.213	0.000	22.642	0.000	9.770	0.000	0.000	23.848	22.244	126.628	MWD+IFR1+MS
6200.000	22.260	7.181	6031.467	23.604	0.000	23.034	0.000	10.000	0.000	0.000	24.215	22.632	127.017	MWD+IFR1+MS
6300.000	22.260	7.181	6124.008	23.996	0.000	23.431	0.000	10.232	0.000	0.000	24.585	23.024	127.475	MWD+IFR1+MS
6400.000	22.260	7.181	6216.549	24.391	0.000	23.827	0.000	10.469	0.000	0.000	24.957	23.415	127.896	MWD+IFR1+MS
6500.000	22.260	7.181	6309.091	24.788	0.000	24.223	0.000	10.705	0.000	0.000	25.330	23.807	128.277	MWD+IFR1+MS
6600.000	22.260	7.181	6401.632	25.186	0.000	24.620	0.000	10.945	0.000	0.000	25.705	24.200	128.693	MWD+IFR1+MS
6700.000	22.260	7.181	6494.173	25.586	0.000	25.020	0.000	11.189	0.000	0.000	26.082	24.595	129.105	MWD+IFR1+MS
6800.000	22.260	7.181	6586.715	25.988	0.000	25.419	0.000	11.437	0.000	0.000	26.461	24.990	129.477	MWD+IFR1+MS
6900.000	22.260	7.181	6679.256	26.390	0.000	25.819	0.000	11.683	0.000	0.000	26.841	25.386	129.883	MWD+IFR1+MS
7000.000	22.260	7.181	6771.797	26.795	0.000	26.221	0.000	11.937	0.000	0.000	27.223	25.783	130.287	MWD+IFR1+MS
7100.000	22.260	7.181	6864.339	27.200	0.000	26.621	0.000	12.190	0.000	0.000	27.605	26.179	130.650	MWD+IFR1+MS
7200.000	22.260	7.181	6956.880	27.607	0.000	27.024	0.000	12.446	0.000	0.000	27.990	26.578	131.046	MWD+IFR1+MS

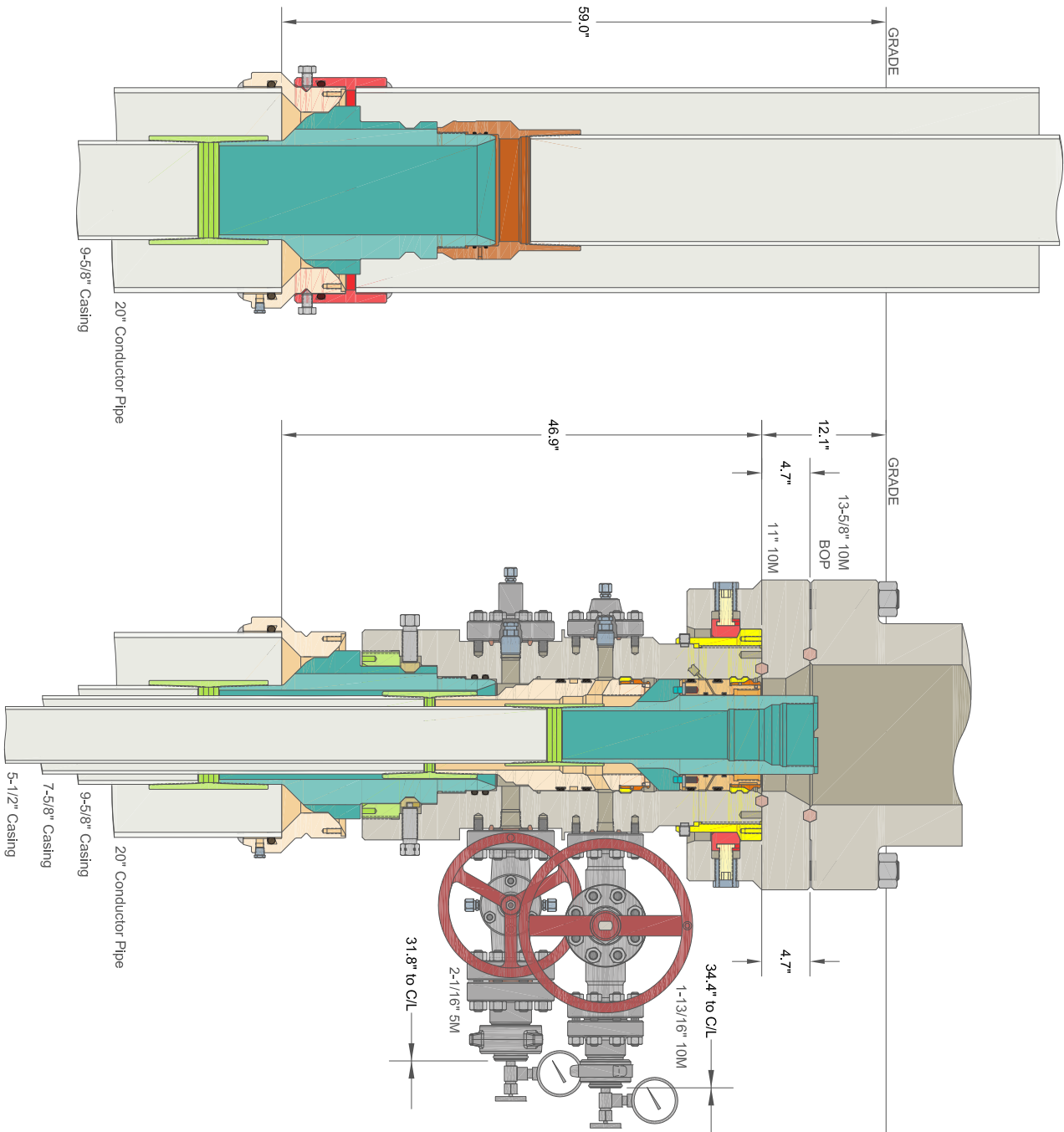
7300.000	22.260	7.181	7049.422	28.016	0.000	27.427	0.000	12.704	0.000	0.000	28.376	26.976	131.403	MWD+IFR1+MS
7400.000	22.260	7.181	7141.963	28.425	0.000	27.831	0.000	12.965	0.000	0.000	28.762	27.376	131.792	MWD+IFR1+MS
7500.000	22.260	7.181	7234.504	28.836	0.000	28.234	0.000	13.225	0.000	0.000	29.150	27.775	132.140	MWD+IFR1+MS
7600.000	22.260	7.181	7327.046	29.248	0.000	28.639	0.000	13.491	0.000	0.000	29.540	28.176	132.485	MWD+IFR1+MS
7700.000	22.260	7.181	7419.587	29.660	0.000	29.043	0.000	13.759	0.000	0.000	29.930	28.576	132.827	MWD+IFR1+MS
7800.000	22.260	7.181	7512.128	30.074	0.000	29.449	0.000	14.029	0.000	0.000	30.321	28.978	133.164	MWD+IFR1+MS
7900.000	22.260	7.181	7604.670	30.488	0.000	29.854	0.000	14.300	0.000	0.000	30.712	29.379	133.497	MWD+IFR1+MS
8000.000	22.260	7.181	7697.211	30.905	0.000	30.260	0.000	14.574	0.000	0.000	31.106	29.782	133.791	MWD+IFR1+MS
8100.000	22.260	7.181	7789.752	31.322	0.000	30.667	0.000	14.849	0.000	0.000	31.501	30.186	134.117	MWD+IFR1+MS
8200.000	22.260	7.181	7882.294	31.738	0.000	31.074	0.000	15.129	0.000	0.000	31.896	30.589	134.439	MWD+IFR1+MS
8300.000	22.260	7.181	7974.835	32.156	0.000	31.477	0.000	15.411	0.000	0.000	32.289	30.990	134.651	MWD+IFR1+MS
8400.000	22.260	7.181	8067.377	32.574	0.000	31.886	0.000	15.694	0.000	0.000	32.686	31.395	135.000	MWD+IFR1+MS
8500.000	22.260	7.181	8159.918	32.988	0.000	32.290	0.000	15.978	0.000	0.000	33.078	31.794	-44.656	MWD+IFR1+MS
8600.000	22.260	7.181	8252.459	33.410	0.000	32.704	0.000	16.267	0.000	0.000	33.480	32.203	-44.317	MWD+IFR1+MS
8700.000	22.260	7.181	8345.001	33.829	0.000	33.113	0.000	16.556	0.000	0.000	33.878	32.608	-43.983	MWD+IFR1+MS
8800.000	22.260	7.181	8437.542	34.256	0.000	33.517	0.000	16.846	0.000	0.000	34.279	33.015	-43.990	MWD+IFR1+MS
8900.000	22.260	7.181	8530.083	34.679	0.000	33.931	0.000	17.141	0.000	0.000	34.682	33.424	-43.662	MWD+IFR1+MS
9000.000	22.260	7.181	8622.625	35.099	0.000	34.340	0.000	17.436	0.000	0.000	35.081	33.828	-43.340	MWD+IFR1+MS
9100.000	22.260	7.181	8715.166	35.526	0.000	34.744	0.000	17.734	0.000	0.000	35.482	34.235	-43.351	MWD+IFR1+MS
9200.000	22.260	7.181	8807.707	35.949	0.000	35.158	0.000	18.033	0.000	0.000	35.886	34.644	-43.036	MWD+IFR1+MS
9300.000	22.260	7.181	8900.249	36.368	0.000	35.567	0.000	18.336	0.000	0.000	36.285	35.048	-42.725	MWD+IFR1+MS
9400.000	22.260	7.181	8992.790	36.797	0.000	35.985	0.000	18.641	0.000	0.000	36.694	35.462	-42.420	MWD+IFR1+MS
9500.000	22.260	7.181	9085.332	37.220	0.000	36.398	0.000	18.947	0.000	0.000	37.099	35.870	-42.119	MWD+IFR1+MS
9600.000	22.260	7.181	9177.873	37.651	0.000	36.807	0.000	19.256	0.000	0.000	37.505	36.282	-42.138	MWD+IFR1+MS
9700.000	22.260	7.181	9270.414	38.079	0.000	37.211	0.000	19.568	0.000	0.000	37.907	36.689	-42.159	MWD+IFR1+MS
9800.000	22.260	7.181	9362.956	38.503	0.000	37.624	0.000	19.880	0.000	0.000	38.312	37.097	-41.867	MWD+IFR1+MS
9900.000	22.260	7.181	9455.497	38.934	0.000	38.045	0.000	20.197	0.000	0.000	38.726	37.514	-41.580	MWD+IFR1+MS
10000.000	22.260	7.181	9548.038	39.362	0.000	38.450	0.000	20.513	0.000	0.000	39.128	37.921	-41.604	MWD+IFR1+MS
10100.000	22.260	7.181	9640.580	39.795	0.000	38.863	0.000	20.833	0.000	0.000	39.539	38.336	-41.627	MWD+IFR1+MS
10200.000	22.260	7.181	9733.121	40.216	0.000	39.283	0.000	21.154	0.000	0.000	39.947	38.746	-41.049	MWD+IFR1+MS
10300.000	22.260	7.181	9825.662	40.653	0.000	39.688	0.000	21.478	0.000	0.000	40.355	39.159	-41.375	MWD+IFR1+MS
10312.000	22.260	7.181	9837.316	40.706	0.000	39.738	0.000	21.520	0.000	0.000	40.405	39.210	-41.375	MWD+IFR1+MS
10400.000	24.030	24.450	9917.774	41.102	0.000	39.936	0.000	21.806	0.000	0.000	40.823	39.667	-36.889	MWD+IFR1+MS
10500.000	28.010	40.350	10007.726	41.099	0.000	40.926	0.000	22.183	0.000	0.000	41.817	40.464	-14.139	MWD+IFR1+MS
10600.000	33.370	52.050	10093.762	40.797	0.000	41.759	0.000	22.687	0.000	0.000	43.059	40.999	-0.892	MWD+IFR1+MS
10700.000	39.530	60.660	10174.208	40.182	0.000	42.334	0.000	23.362	0.000	0.000	44.203	41.426	5.107	MWD+IFR1+MS
10800.000	46.190	67.200	10247.498	39.223	0.000	42.742	0.000	24.232	0.000	0.000	45.176	41.787	8.759	MWD+IFR1+MS
10900.000	53.140	72.410	10312.206	37.967	0.000	43.059	0.000	25.292	0.000	0.000	45.965	42.110	11.606	MWD+IFR1+MS
11000.000	60.280	76.730	10367.072	36.518	0.000	43.310	0.000	26.520	0.000	0.000	46.576	42.387	14.163	MWD+IFR1+MS
11100.000	67.540	80.480	10411.028	35.039	0.000	43.513	0.000	27.880	0.000	0.000	47.045	42.624	16.560	MWD+IFR1+MS
11200.000	74.880	83.840	10443.219	33.709	0.000	43.688	0.000	29.324	0.000	0.000	47.376	42.832	19.002	MWD+IFR1+MS
11300.000	82.260	86.980	10463.019	32.745	0.000	43.826	0.000	30.804	0.000	0.000	47.607	43.007	21.382	MWD+IFR1+MS
11395.000	89.310	89.880	10470.000	32.235	0.000	43.916	0.000	32.094	0.000	0.000	47.756	43.143	23.495	MWD+IFR1+MS
11400.000	89.310	89.880	10470.055	32.251	0.000	43.916	0.000	32.109	0.000	0.000	47.761	43.138	23.551	MWD+IFR1+MS
11500.000	89.310	89.880	10471.226	32.560	0.000	44.065	0.000	32.419	0.000	0.000	47.875	43.174	25.097	MWD+IFR1+MS
11600.000	89.310	89.880	10472.398	32.896	0.000	44.224	0.000	32.757	0.000	0.000	47.996	43.213	26.628	MWD+IFR1+MS
11700.000	89.310	89.880	10473.570	33.229	0.000	44.393	0.000	33.091	0.000	0.000	48.134	43.256	28.098	MWD+IFR1+MS
11800.000	89.310	89.880	10474.741	33.588	0.000	44.585	0.000	33.451	0.000	0.000	48.275	43.307	29.671	MWD+IFR1+MS
11900.000	89.310	89.880	10475.913	33.958	0.000	44.776	0.000	33.823	0.000	0.000	48.423	43.350	31.178	MWD+IFR1+MS
12000.000	89.310	89.880	10477.084	34.353	0.000	44.999	0.000	34.220	0.000	0.000	48.592	43.415	32.718	MWD+IFR1+MS
12100.000	89.310	89.880	10478.256	34.744	0.000	45.221	0.000	34.612	0.000	0.000	48.768	43.471	34.191	MWD+IFR1+MS
12200.000	89.310	89.880	10479.427	35.159	0.000	45.464	0.000	35.029	0.000	0.000	48.948	43.532	35.746	MWD+IFR1+MS
12300.000	89.310	89.880	10480.599	35.583	0.000	45.717	0.000	35.454	0.000	0.000	49.147	43.596	37.226	MWD+IFR1+MS

12400.000	89.310	89.880	10481.771	36.016	0.000	45.990	0.000	35.889	0.000	0.000	49.359	43.666	38.730	MWD+IFR1+MS
12500.000	89.310	89.880	10482.942	36.471	0.000	46.272	0.000	36.346	0.000	0.000	49.580	43.735	40.198	MWD+IFR1+MS
12600.000	89.310	89.880	10484.114	36.921	0.000	46.564	0.000	36.797	0.000	0.000	49.813	43.802	41.632	MWD+IFR1+MS
12700.000	89.310	89.880	10485.285	37.392	0.000	46.874	0.000	37.269	0.000	0.000	50.061	43.874	43.076	MWD+IFR1+MS
12800.000	89.310	89.880	10486.457	37.884	0.000	47.194	0.000	37.762	0.000	0.000	50.317	43.945	44.475	MWD+IFR1+MS
12900.000	89.310	89.880	10487.629	38.369	0.000	47.522	0.000	38.249	0.000	0.000	50.591	44.018	45.783	MWD+IFR1+MS
13000.000	89.310	89.880	10488.800	38.874	0.000	47.868	0.000	38.756	0.000	0.000	50.874	44.089	47.136	MWD+IFR1+MS
13100.000	89.310	89.880	10489.972	39.385	0.000	48.222	0.000	39.268	0.000	0.000	51.168	44.157	48.437	MWD+IFR1+MS
13200.000	89.310	89.880	10491.143	39.902	0.000	48.584	0.000	39.787	0.000	0.000	51.477	44.228	49.646	MWD+IFR1+MS
13300.000	89.310	89.880	10492.315	40.425	0.000	48.954	0.000	40.311	0.000	0.000	51.795	44.298	50.806	MWD+IFR1+MS
13400.000	89.310	89.880	10493.487	40.966	0.000	49.341	0.000	40.853	0.000	0.000	52.123	44.364	51.996	MWD+IFR1+MS
13500.000	89.310	89.880	10494.658	41.499	0.000	49.735	0.000	41.388	0.000	0.000	52.466	44.434	53.095	MWD+IFR1+MS
13600.000	89.310	89.880	10495.830	42.050	0.000	50.146	0.000	41.940	0.000	0.000	52.823	44.505	54.179	MWD+IFR1+MS
13700.000	89.310	89.880	10497.001	42.617	0.000	50.563	0.000	42.509	0.000	0.000	53.190	44.574	55.214	MWD+IFR1+MS
13800.000	89.310	89.880	10498.173	43.177	0.000	50.987	0.000	43.070	0.000	0.000	53.566	44.640	56.199	MWD+IFR1+MS
13900.000	89.310	89.880	10499.344	43.752	0.000	51.427	0.000	43.646	0.000	0.000	53.956	44.708	57.167	MWD+IFR1+MS
14000.000	89.310	89.880	10500.516	44.331	0.000	51.873	0.000	44.227	0.000	0.000	54.354	44.773	58.088	MWD+IFR1+MS
14100.000	89.310	89.880	10501.688	44.914	0.000	52.324	0.000	44.811	0.000	0.000	54.762	44.835	58.962	MWD+IFR1+MS
14200.000	89.310	89.880	10502.859	45.500	0.000	52.781	0.000	45.398	0.000	0.000	55.176	44.896	59.795	MWD+IFR1+MS
14300.000	89.310	89.880	10504.031	46.100	0.000	53.253	0.000	46.000	0.000	0.000	55.606	44.966	60.588	MWD+IFR1+MS
14400.000	89.310	89.880	10505.202	46.704	0.000	53.740	0.000	46.605	0.000	0.000	56.049	45.028	61.387	MWD+IFR1+MS
14500.000	89.310	89.880	10506.374	47.310	0.000	54.222	0.000	47.212	0.000	0.000	56.493	45.095	62.104	MWD+IFR1+MS
14600.000	89.310	89.880	10507.546	47.930	0.000	54.718	0.000	47.833	0.000	0.000	56.949	45.153	62.827	MWD+IFR1+MS
14700.000	89.310	89.880	10508.717	48.541	0.000	55.219	0.000	48.446	0.000	0.000	57.413	45.219	63.495	MWD+IFR1+MS
14800.000	89.310	89.880	10509.889	49.166	0.000	55.733	0.000	49.071	0.000	0.000	57.891	45.284	64.147	MWD+IFR1+MS
14900.000	89.310	89.880	10511.060	49.792	0.000	56.251	0.000	49.699	0.000	0.000	58.373	45.349	64.770	MWD+IFR1+MS
15000.000	89.310	89.880	10512.232	50.421	0.000	56.773	0.000	50.329	0.000	0.000	58.860	45.403	65.379	MWD+IFR1+MS
15100.000	89.310	89.880	10513.404	51.062	0.000	57.300	0.000	50.971	0.000	0.000	59.355	45.464	65.941	MWD+IFR1+MS
15200.000	89.310	89.880	10514.575	51.694	0.000	57.839	0.000	51.604	0.000	0.000	59.862	45.536	66.480	MWD+IFR1+MS
15300.000	89.310	89.880	10515.747	52.338	0.000	58.390	0.000	52.249	0.000	0.000	60.380	45.599	67.022	MWD+IFR1+MS
15400.000	89.310	89.880	10516.918	52.993	0.000	58.936	0.000	52.906	0.000	0.000	60.896	45.658	67.522	MWD+IFR1+MS
15500.000	89.310	89.880	10518.090	53.641	0.000	59.493	0.000	53.554	0.000	0.000	61.423	45.719	68.015	MWD+IFR1+MS
15600.000	89.310	89.880	10519.261	54.298	0.000	60.054	0.000	54.213	0.000	0.000	61.956	45.787	68.472	MWD+IFR1+MS
15700.000	89.310	89.880	10520.433	54.958	0.000	60.626	0.000	54.873	0.000	0.000	62.499	45.846	68.933	MWD+IFR1+MS
15800.000	89.310	89.880	10521.605	55.618	0.000	61.201	0.000	55.534	0.000	0.000	63.047	45.914	69.361	MWD+IFR1+MS
15900.000	89.310	89.880	10522.776	56.279	0.000	61.779	0.000	56.196	0.000	0.000	63.598	45.971	69.783	MWD+IFR1+MS
16000.000	89.310	89.880	10523.948	56.950	0.000	62.359	0.000	56.868	0.000	0.000	64.153	46.037	70.175	MWD+IFR1+MS
16100.000	89.310	89.880	10525.119	57.623	0.000	62.950	0.000	57.541	0.000	0.000	64.718	46.103	70.562	MWD+IFR1+MS
16200.000	89.310	89.880	10526.291	58.296	0.000	63.543	0.000	58.215	0.000	0.000	65.288	46.169	70.930	MWD+IFR1+MS
16300.000	89.310	89.880	10527.463	58.969	0.000	64.147	0.000	58.890	0.000	0.000	65.866	46.235	71.294	MWD+IFR1+MS
16400.000	89.310	89.880	10528.634	59.644	0.000	64.752	0.000	59.565	0.000	0.000	66.448	46.299	71.641	MWD+IFR1+MS
16500.000	89.310	89.880	10529.806	60.327	0.000	65.360	0.000	60.249	0.000	0.000	67.033	46.363	71.974	MWD+IFR1+MS
16600.000	89.310	89.880	10530.977	61.012	0.000	65.969	0.000	60.934	0.000	0.000	67.620	46.427	72.296	MWD+IFR1+MS
16700.000	89.310	89.880	10532.149	61.696	0.000	66.588	0.000	61.620	0.000	0.000	68.217	46.491	72.610	MWD+IFR1+MS
16800.000	89.310	89.880	10533.320	62.389	0.000	67.209	0.000	62.314	0.000	0.000	68.817	46.554	72.912	MWD+IFR1+MS
16900.000	89.310	89.880	10534.492	63.083	0.000	67.838	0.000	63.008	0.000	0.000	69.426	46.627	73.203	MWD+IFR1+MS
17000.000	89.310	89.880	10535.664	63.769	0.000	68.470	0.000	63.695	0.000	0.000	70.036	46.690	73.490	MWD+IFR1+MS
17100.000	89.310	89.880	10536.835	64.471	0.000	69.102	0.000	64.397	0.000	0.000	70.650	46.761	73.760	MWD+IFR1+MS
17200.000	89.310	89.880	10538.007	65.165	0.000	69.744	0.000	65.092	0.000	0.000	71.272	46.833	74.024	MWD+IFR1+MS
17300.000	89.310	89.880	10539.178	65.867	0.000	70.379	0.000	65.795	0.000	0.000	71.888	46.894	74.280	MWD+IFR1+MS
17400.000	89.310	89.880	10540.350	66.562	0.000	71.030	0.000	66.491	0.000	0.000	72.520	46.966	74.531	MWD+IFR1+MS
17500.000	89.310	89.880	10541.522	67.264	0.000	71.675	0.000	67.194	0.000	0.000	73.148	47.036	74.769	MWD+IFR1+MS
17600.000	89.310	89.880	10542.693	67.974	0.000	72.328	0.000	67.904	0.000	0.000	73.783	47.107	75.003	MWD+IFR1+MS
17700.000	89.310	89.880	10543.865	68.677	0.000	72.982	0.000	68.608	0.000	0.000	74.420	47.177	75.229	MWD+IFR1+MS

17800.000	89.310	89.880	10545.036	69.387	0.000	73.644	0.000	69.318	0.000	0.000	75.065	47.247	75.451	MWD+IFR1+MS
17900.000	89.310	89.880	10546.208	70.097	0.000	74.300	0.000	70.029	0.000	0.000	75.705	47.326	75.658	MWD+IFR1+MS
18000.000	89.310	89.880	10547.380	70.806	0.000	74.970	0.000	70.739	0.000	0.000	76.358	47.396	75.870	MWD+IFR1+MS
18100.000	89.310	89.880	10548.551	71.523	0.000	75.635	0.000	71.456	0.000	0.000	77.007	47.465	76.071	MWD+IFR1+MS
18200.000	89.310	89.880	10549.723	72.233	0.000	76.306	0.000	72.166	0.000	0.000	77.663	47.544	76.266	MWD+IFR1+MS
18300.000	89.310	89.880	10550.894	72.949	0.000	76.978	0.000	72.883	0.000	0.000	78.320	47.613	76.458	MWD+IFR1+MS
18400.000	89.310	89.880	10552.066	73.665	0.000	77.658	0.000	73.600	0.000	0.000	78.984	47.692	76.644	MWD+IFR1+MS
18500.000	89.310	89.880	10553.237	74.388	0.000	78.331	0.000	74.324	0.000	0.000	79.643	47.769	76.822	MWD+IFR1+MS
18600.000	89.310	89.880	10554.409	75.104	0.000	79.018	0.000	75.040	0.000	0.000	80.315	47.838	77.003	MWD+IFR1+MS
18700.000	89.310	89.880	10555.581	75.826	0.000	79.698	0.000	75.763	0.000	0.000	80.982	47.915	77.172	MWD+IFR1+MS
18800.000	89.310	89.880	10556.752	76.548	0.000	80.386	0.000	76.485	0.000	0.000	81.656	47.993	77.338	MWD+IFR1+MS
18900.000	89.310	89.880	10557.924	77.276	0.000	81.074	0.000	77.214	0.000	0.000	82.330	48.070	77.500	MWD+IFR1+MS
19000.000	89.310	89.880	10559.095	77.998	0.000	81.762	0.000	77.936	0.000	0.000	83.005	48.147	77.658	MWD+IFR1+MS
19100.000	89.310	89.880	10560.267	78.725	0.000	82.456	0.000	78.664	0.000	0.000	83.687	48.224	77.814	MWD+IFR1+MS
19200.000	89.310	89.880	10561.439	79.452	0.000	83.151	0.000	79.391	0.000	0.000	84.369	48.310	77.961	MWD+IFR1+MS
19300.000	89.310	89.880	10562.610	80.179	0.000	83.852	0.000	80.119	0.000	0.000	85.057	48.387	78.111	MWD+IFR1+MS
19400.000	89.310	89.880	10563.782	80.912	0.000	84.553	0.000	80.852	0.000	0.000	85.746	48.463	78.255	MWD+IFR1+MS
19500.000	89.310	89.880	10564.953	81.638	0.000	85.254	0.000	81.578	0.000	0.000	86.433	48.552	78.402	MWD+IFR1+MS
19600.000	89.310	89.880	10566.125	82.370	0.000	85.955	0.000	82.310	0.000	0.000	87.123	48.636	78.533	MWD+IFR1+MS
19700.000	89.310	89.880	10567.297	83.101	0.000	86.662	0.000	83.042	0.000	0.000	87.820	48.711	78.665	MWD+IFR1+MS
19800.000	89.310	89.880	10568.468	83.838	0.000	87.369	0.000	83.779	0.000	0.000	88.514	48.798	78.801	MWD+IFR1+MS
19900.000	89.310	89.880	10569.640	84.568	0.000	88.082	0.000	84.510	0.000	0.000	89.216	48.882	78.925	MWD+IFR1+MS
20000.000	89.310	89.880	10570.811	85.304	0.000	88.794	0.000	85.247	0.000	0.000	89.918	48.966	79.047	MWD+IFR1+MS
20100.000	89.310	89.880	10571.983	86.040	0.000	89.507	0.000	85.983	0.000	0.000	90.619	49.053	79.174	MWD+IFR1+MS
20200.000	89.310	89.880	10573.154	86.780	0.000	90.219	0.000	86.724	0.000	0.000	91.322	49.136	79.290	MWD+IFR1+MS
20300.000	89.310	89.880	10574.326	87.515	0.000	90.937	0.000	87.459	0.000	0.000	92.030	49.219	79.404	MWD+IFR1+MS
20400.000	89.310	89.880	10575.498	88.255	0.000	91.655	0.000	88.199	0.000	0.000	92.736	49.306	79.524	MWD+IFR1+MS
20500.000	89.310	89.880	10576.669	88.994	0.000	92.372	0.000	88.938	0.000	0.000	93.444	49.388	79.632	MWD+IFR1+MS
20600.000	89.310	89.880	10577.841	89.732	0.000	93.095	0.000	89.677	0.000	0.000	94.158	49.480	79.738	MWD+IFR1+MS
20700.000	89.310	89.880	10579.012	90.476	0.000	93.818	0.000	90.421	0.000	0.000	94.869	49.566	79.851	MWD+IFR1+MS
20800.000	89.310	89.880	10580.184	91.214	0.000	94.545	0.000	91.159	0.000	0.000	95.588	49.658	79.953	MWD+IFR1+MS
20900.000	89.310	89.880	10581.356	91.956	0.000	95.272	0.000	91.902	0.000	0.000	96.306	49.740	80.054	MWD+IFR1+MS
21000.000	89.310	89.880	10582.527	92.704	0.000	95.999	0.000	92.650	0.000	0.000	97.023	49.835	80.159	MWD+IFR1+MS
21100.000	89.310	89.880	10583.699	93.445	0.000	96.726	0.000	93.392	0.000	0.000	97.741	49.927	80.254	MWD+IFR1+MS
21200.000	89.310	89.880	10584.870	94.191	0.000	97.457	0.000	94.138	0.000	0.000	98.464	50.018	80.348	MWD+IFR1+MS
21300.000	89.310	89.880	10586.042	94.932	0.000	98.189	0.000	94.879	0.000	0.000	99.186	50.112	80.447	MWD+IFR1+MS
21400.000	89.310	89.880	10587.214	95.682	0.000	98.924	0.000	95.629	0.000	0.000	99.913	50.203	80.539	MWD+IFR1+MS
21500.000	89.310	89.880	10588.385	96.426	0.000	99.655	0.000	96.374	0.000	0.000	100.636	50.294	80.626	MWD+IFR1+MS
21600.000	89.310	89.880	10589.557	97.170	0.000	100.375	0.000	97.118	0.000	0.000	101.347	50.386	80.717	MWD+IFR1+MS
21700.000	89.310	89.880	10590.728	97.919	0.000	101.120	0.000	97.867	0.000	0.000	102.084	50.477	80.804	MWD+IFR1+MS
21800.000	89.310	89.880	10591.900	98.666	0.000	101.859	0.000	98.615	0.000	0.000	102.815	50.577	80.888	MWD+IFR1+MS
21900.000	89.310	89.880	10593.071	99.419	0.000	102.593	0.000	99.368	0.000	0.000	103.540	50.670	80.976	MWD+IFR1+MS
22000.000	89.310	89.880	10594.243	100.150	0.000	103.321	0.000	100.100	0.000	0.000	104.262	50.768	81.053	MWD+IFR1+MS
22100.000	89.310	89.880	10595.415	100.897	0.000	104.045	0.000	100.846	0.000	0.000	104.979	50.857	81.129	MWD+IFR1+MS
22200.000	89.310	89.880	10596.586	101.637	0.000	104.811	0.000	101.587	0.000	0.000	105.737	50.957	81.212	MWD+IFR1+MS
22300.000	89.310	89.880	10597.758	102.373	0.000	105.572	0.000	102.323	0.000	0.000	106.489	51.060	81.298	MWD+IFR1+MS
22400.000	89.310	89.880	10598.929	103.151	0.000	106.280	0.000	103.102	0.000	0.000	107.191	51.157	81.366	MWD+IFR1+MS
22500.000	89.310	89.880	10600.101	103.876	0.000	107.030	0.000	103.827	0.000	0.000	107.935	51.255	81.440	MWD+IFR1+MS
22600.000	89.310	89.880	10601.273	104.643	0.000	107.776	0.000	104.594	0.000	0.000	108.672	51.356	81.518	MWD+IFR1+MS
22700.000	89.310	89.880	10602.444	105.405	0.000	108.515	0.000	105.357	0.000	0.000	109.405	51.454	81.588	MWD+IFR1+MS
22800.000	89.310	89.880	10603.616	106.161	0.000	109.296	0.000	106.113	0.000	0.000	110.178	51.553	81.665	MWD+IFR1+MS
22900.000	89.310	89.880	10604.787	106.912	0.000	110.026	0.000	106.864	0.000	0.000	110.902	51.650	81.730	MWD+IFR1+MS
23000.000	89.310	89.880	10605.959	107.658	0.000	110.796	0.000	107.610	0.000	0.000	111.664	51.751	81.807	MWD+IFR1+MS

23100.000	89.310	89.880	10607.131	108.399	0.000	111.561	0.000	108.351	0.000	0.000	112.422	51.858	81.875	MWD+IFR1+MS
23200.000	89.310	89.880	10608.302	109.180	0.000	112.276	0.000	109.133	0.000	0.000	113.132	51.954	81.935	MWD+IFR1+MS
23300.000	89.310	89.880	10609.474	109.911	0.000	113.030	0.000	109.864	0.000	0.000	113.879	52.063	82.004	MWD+IFR1+MS
23400.000	89.310	89.880	10610.645	110.681	0.000	113.780	0.000	110.635	0.000	0.000	114.623	52.169	82.067	MWD+IFR1+MS
23500.000	89.310	89.880	10611.817	111.447	0.000	114.569	0.000	111.400	0.000	0.000	115.405	52.266	82.135	MWD+IFR1+MS
23515.000	89.310	89.880	10612.000	111.536	0.000	114.656	0.000	111.490	0.000	0.000	115.492	52.284	82.138	MWD+IFR1+MS

Plan Targets		JRU DI11 Ekalaka 923H			
Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
Kick Off Pt 24	11635.01	506307.80	633782.30	6601.80	CIRCLE
FTP 49	14646.98	506307.80	634498.50	7318.00	RECTANGLE
Rev 2 FTP 13	11395.25	509053.70	634000.00	7328.00	CIRCLE
Rev 2 BHL 13	23515.63	509078.40	646119.45	7470.00	CIRCLE
BHL 49	26266.05	506331.58	646131.48	7318.00	RECTANGLE



CACTUS WELLHEAD LLC 20" x 9-5/8" x 7-5/8" x 5-1/2" MBU-T-CFL-R-DBLO Wellhead With 11" 10M x 7-1/16" 15M CTH-DBLHPS Tubing Head And 9-5/8", 7-5/8" & 5-1/2" Pin Bottom Mandrel Casing Hangers	XTO ENERGY INC ICARUS PAD		
	DRAWN	DLE	18JAN21
	APPRV		
	DRAWING NO. HBE0000479		

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

CONDITIONS

Action 294374

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 294374
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Prior to the submission of this C-104, there was a C-103 NOI submitted for approval. The C-103 NOI was not approved or rejected; however, the work requested in the C-103 NOI was performed and completed without NMOCD approval. This action is currently under review from our legal department.	11/13/2024
ward.rikala	Administrative order required for non-standard location prior to production.	11/13/2024