

Well Name: JAMES RANCH UNIT DI 11 EKALAKA	Well Location: T22S / R30E / SEC 17 / NWSE /	County or Parish/State:
Well Number: 823H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0002953	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: 2642448

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 11/02/2021	Time Sundry Submitted: 08:54
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 902H to James Ranch Unit DI 11 Ekalaka 823H Change BHL fr/2420'FSL & 50'FEL, Section 15-22S-30E to 1650'FSL & 50'FEL, Section 15-T22S-R30E Casing/Cement design per the attached drilling program. Attachments: C102 Drilling Program Directional Plan Multibowl Diagram.
Pool Change: Fr/ LOS MEDANOS; BONE SPRING (40295) to Wildcat G-07 S223021G; Bone Springs

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

JRU_DI_11_823H_NOI_Attachments_20211102085422.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 08:54 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 823H
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		2,105	SOUTH	2,367	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
I	15	22S	30E		2,420	SOUTH	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.

¹⁶				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: <u>Stephanie Rabadue</u> Date: <u>10/01/2021</u> Printed Name: <u>Stephanie Rabadue</u> E-mail Address: <u>stephanie.rabadue@exxonmobil.com</u>	
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. Date of Survey: <u>9-30-2021</u> Signature and Seal of Professional Surveyor:				MARK DILLON HARP 23786 Certificate Number: <u>RM</u> 2019072057	

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

XTO Energy Inc.
James Ranch Unit DI 11 Ekalaka 823H
Projected TD: 22133' MD / 10150' TVD
SHL: 2105' FSL & 2367' FEL , Section 17, T22S, R30E
BHL: 2420' FSL & 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 Sh	9710'	Water/Oil/Gas
Target/Land Curve	10011'	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 9030' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 22133 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 8530 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	1.93	2.56	4.78
8.75	0' – 3394'	7.625	29.7	RY P-110	Flush Joint	New	3.76	3.52	2.08
8.75	3394' – 9030'	7.625	29.7	HC L-80	Flush Joint	New	2.73	4.01	2.43
6.75	0' – 8930'	5.5	23	RY P-110	Semi-Premium	New	1.21	3.48	2.18
6.75	8930' - 9750'	5.5	23	RY P-110	Semi-Flush	New	1.21	3.19	4.67
6.75	9750' - 22133'	5.5	23	RY P-110	Semi-Flush	New	1.21	3.06	5.47

- 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 +/- 9030'

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: 280 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 +/- 22133'

Lead: 30 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft³/sx, 15.00 gal/sx water) Top of Cement: 8530 feet
 Tail: 910 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft³/sx, 8.38 gal/sx water) Top of Cement: 9374 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 2517 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 9030'	8.75	FW / Cut Brine	8.6-9.1	30-32	NC
9030' to 22133'	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 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 4750 psi.

10. Anticipated Starting Date and Duration of Operations

Anticipated spud date will be after DI 2 drilling is completed and BLM approval. Move in operations and drilling is expected to take 40 days.

Well Plan Report - JRU DI11 Ekalaka 823H

Measured Depth:	22133.00 ft	Slot:	JRU DI 11-D21
TVD RKB:	10150.00 ft		
Location			
Cartographic Reference System:	New Mexico East - NAD 27		
Northing:	506101.02 ft		
Easting:	633103.22 ft		
RKB:	3132.00 ft		
Ground Level:	3102.00 ft		
North Reference:	Grid		
Convergence Angle:	0.23 Deg		

Plan Sections JRU DI11 Ekalaka 823H									
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	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	
3747.79	12.96	65.14	3742.29	30.66	66.17	2.00	0.00	2.00	
6431.54	12.96	65.14	6357.71	283.58	612.13	0.00	0.00	0.00	
7079.33	0.00	0.00	7000.00	314.24	678.30	-2.00	0.00	2.00	
9374.33	0.00	0.00	9295.00	314.24	678.30	0.00	0.00	0.00	
10499.33	90.00	89.95	10011.20	314.88	1394.50	8.00	0.00	8.00	Rev 2 FTP 7
22133.95	88.63	89.80	10150.00	340.48	13027.98	-0.01	-0.00	0.01	Rev 2 BHL 7

Position Uncertainty JRU DI11 Ekalaka 823H														
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	1.999	65.140	3199.980	12.370	0.000	11.577	0.000	4.533	0.000	0.000	12.464	11.483	-42.557	MWD+IFR1+MS
3300.000	4.000	65.140	3299.838	12.885	0.000	11.937	0.000	4.656	0.000	0.000	12.956	11.889	-36.891	MWD+IFR1+MS
3400.000	6.000	65.140	3399.452	13.375	0.000	12.296	0.000	4.784	0.000	0.000	13.452	12.274	-32.512	MWD+IFR1+MS
3500.000	7.999	65.140	3498.702	13.840	0.000	12.652	0.000	4.916	0.000	0.000	13.947	12.644	-29.155	MWD+IFR1+MS
3600.000	10.000	65.140	3597.465	14.283	0.000	13.011	0.000	5.055	0.000	0.000	14.438	13.009	-26.594	MWD+IFR1+MS
3700.000	11.990	65.140	3695.623	14.702	0.000	13.367	0.000	5.201	0.000	0.000	14.921	13.367	-24.613	MWD+IFR1+MS
3747.700	12.950	65.140	3742.287	14.830	0.000	13.532	0.000	5.264	0.000	0.000	15.089	13.532	-24.356	MWD+IFR1+MS
3800.000	12.950	65.140	3793.165	14.996	0.000	13.711	0.000	5.334	0.000	0.000	15.252	13.711	-24.234	MWD+IFR1+MS
3900.000	12.950	65.140	3890.619	15.315	0.000	14.064	0.000	5.474	0.000	0.000	15.563	14.064	-23.941	MWD+IFR1+MS
4000.000	12.950	65.140	3988.074	15.640	0.000	14.423	0.000	5.620	0.000	0.000	15.881	14.422	-23.471	MWD+IFR1+MS
4100.000	12.950	65.140	4085.528	15.971	0.000	14.780	0.000	5.768	0.000	0.000	16.205	14.779	-22.903	MWD+IFR1+MS
4200.000	12.950	65.140	4182.982	16.304	0.000	15.142	0.000	5.919	0.000	0.000	16.532	15.140	-22.381	MWD+IFR1+MS
4300.000	12.950	65.140	4280.437	16.638	0.000	15.505	0.000	6.074	0.000	0.000	16.859	15.501	-21.900	MWD+IFR1+MS
4400.000	12.950	65.140	4377.891	16.977	0.000	15.867	0.000	6.231	0.000	0.000	17.190	15.862	-21.328	MWD+IFR1+MS
4500.000	12.950	65.140	4475.345	17.316	0.000	16.232	0.000	6.392	0.000	0.000	17.522	16.225	-20.833	MWD+IFR1+MS
4600.000	12.950	65.140	4572.800	17.659	0.000	16.596	0.000	6.556	0.000	0.000	17.859	16.588	-20.260	MWD+IFR1+MS
4700.000	12.950	65.140	4670.254	18.002	0.000	16.961	0.000	6.723	0.000	0.000	18.196	16.950	-19.729	MWD+IFR1+MS
4800.000	12.950	65.140	4767.708	18.350	0.000	17.327	0.000	6.893	0.000	0.000	18.537	17.314	-19.156	MWD+IFR1+MS
4900.000	12.950	65.140	4865.163	18.697	0.000	17.693	0.000	7.065	0.000	0.000	18.878	17.678	-18.626	MWD+IFR1+MS
5000.000	12.950	65.140	4962.617	19.046	0.000	18.060	0.000	7.242	0.000	0.000	19.221	18.044	-18.095	MWD+IFR1+MS
5100.000	12.950	65.140	5060.071	19.397	0.000	18.428	0.000	7.420	0.000	0.000	19.565	18.409	-17.566	MWD+IFR1+MS
5200.000	12.950	65.140	5157.526	19.751	0.000	18.798	0.000	7.601	0.000	0.000	19.914	18.776	-17.000	MWD+IFR1+MS
5300.000	12.950	65.140	5254.980	20.105	0.000	19.167	0.000	7.785	0.000	0.000	20.262	19.143	-16.474	MWD+IFR1+MS
5400.000	12.950	65.140	5352.434	20.460	0.000	19.536	0.000	7.972	0.000	0.000	20.611	19.508	-15.915	MWD+IFR1+MS
5500.000	12.950	65.140	5449.889	20.817	0.000	19.906	0.000	8.160	0.000	0.000	20.963	19.876	-15.404	MWD+IFR1+MS
5600.000	12.950	65.140	5547.343	21.175	0.000	20.276	0.000	8.353	0.000	0.000	21.315	20.243	-14.853	MWD+IFR1+MS
5700.000	12.950	65.140	5644.797	21.536	0.000	20.649	0.000	8.548	0.000	0.000	21.671	20.612	-14.307	MWD+IFR1+MS
5800.000	12.950	65.140	5742.252	21.896	0.000	21.019	0.000	8.745	0.000	0.000	22.026	20.980	-13.778	MWD+IFR1+MS
5900.000	12.950	65.140	5839.706	22.257	0.000	21.391	0.000	8.945	0.000	0.000	22.382	21.348	-13.243	MWD+IFR1+MS
6000.000	12.950	65.140	5937.160	22.620	0.000	21.762	0.000	9.148	0.000	0.000	22.740	21.716	-12.732	MWD+IFR1+MS
6100.000	12.950	65.140	6034.615	22.983	0.000	22.135	0.000	9.353	0.000	0.000	23.099	22.085	-12.218	MWD+IFR1+MS
6200.000	12.950	65.140	6132.069	23.348	0.000	22.507	0.000	9.562	0.000	0.000	23.458	22.454	-11.711	MWD+IFR1+MS
6300.000	12.950	65.140	6229.523	23.713	0.000	22.881	0.000	9.772	0.000	0.000	23.819	22.824	-11.212	MWD+IFR1+MS
6400.000	12.950	65.140	6326.978	24.080	0.000	23.254	0.000	9.985	0.000	0.000	24.181	23.194	-10.721	MWD+IFR1+MS
6431.500	12.950	65.140	6357.713	24.193	0.000	23.371	0.000	10.050	0.000	0.000	24.292	23.311	-10.684	MWD+IFR1+MS
6500.000	11.580	65.140	6424.608	24.500	0.000	23.622	0.000	10.198	0.000	0.000	24.541	23.561	-10.559	MWD+IFR1+MS
6600.000	9.586	65.140	6522.901	24.990	0.000	23.990	0.000	10.426	0.000	0.000	24.972	23.923	-10.425	MWD+IFR1+MS
6700.000	7.586	65.140	6621.775	25.478	0.000	24.358	0.000	10.649	0.000	0.000	25.429	24.285	-10.349	MWD+IFR1+MS
6800.000	5.586	65.140	6721.110	25.934	0.000	24.724	0.000	10.867	0.000	0.000	25.884	24.644	-10.281	MWD+IFR1+MS
6900.000	3.586	65.140	6820.785	26.355	0.000	25.086	0.000	11.086	0.000	0.000	26.332	24.999	-10.240	MWD+IFR1+MS

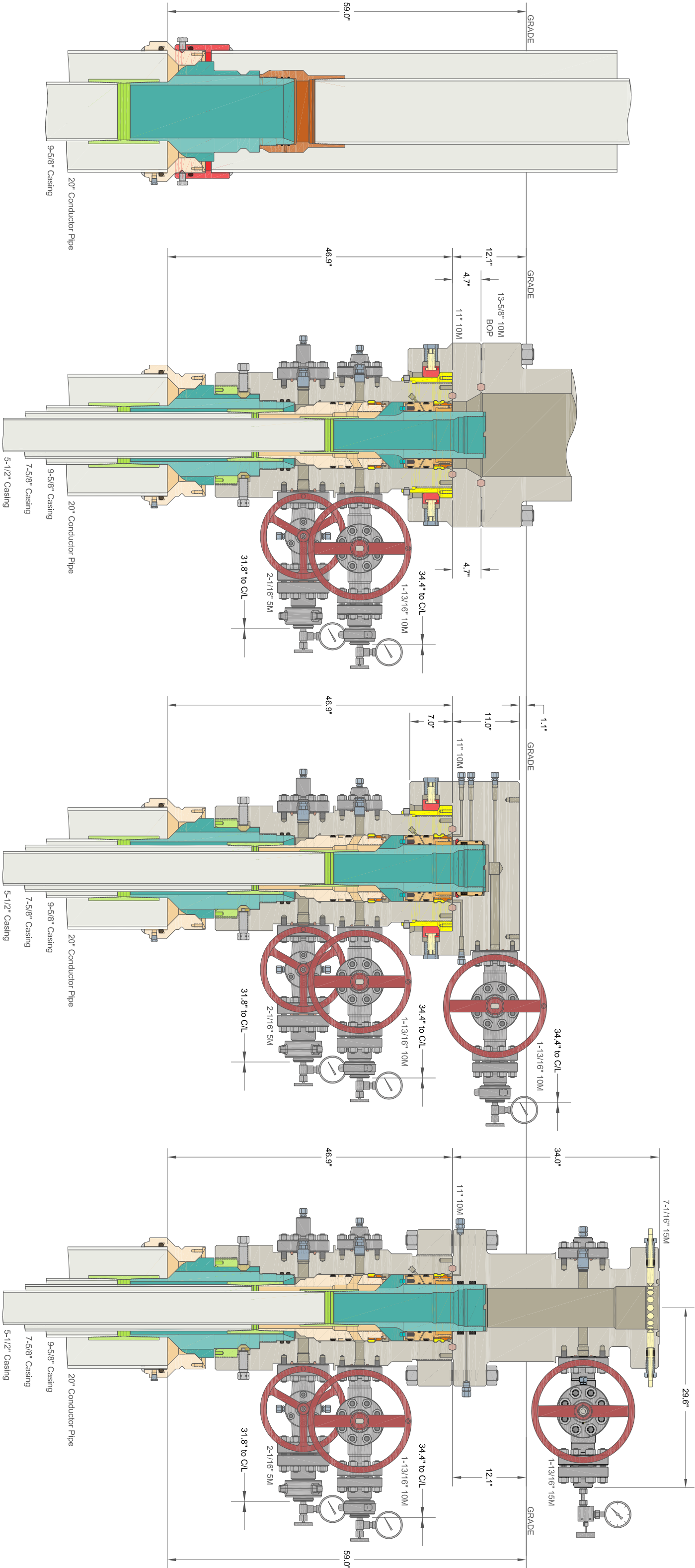
7000.000	1.586	65.140	6920.678	26.741	0.000	25.444	0.000	11.305	0.000	0.000	26.772	25.351	-10.211	MWD+IFR1+MS
7079.300	0.000	0.000	7000.000	25.687	0.000	27.013	0.000	11.476	0.000	0.000	27.062	25.635	-10.830	MWD+IFR1+MS
7100.000	0.000	0.000	7020.668	25.758	0.000	27.080	0.000	11.520	0.000	0.000	27.129	25.707	-10.844	MWD+IFR1+MS
7200.000	0.000	0.000	7120.668	26.104	0.000	27.408	0.000	11.739	0.000	0.000	27.457	26.052	-10.887	MWD+IFR1+MS
7300.000	0.000	0.000	7220.668	26.454	0.000	27.740	0.000	11.958	0.000	0.000	27.790	26.401	-11.099	MWD+IFR1+MS
7400.000	0.000	0.000	7320.668	26.805	0.000	28.073	0.000	12.182	0.000	0.000	28.125	26.751	-11.310	MWD+IFR1+MS
7500.000	0.000	0.000	7420.668	27.155	0.000	28.408	0.000	12.410	0.000	0.000	28.461	27.100	-11.513	MWD+IFR1+MS
7600.000	0.000	0.000	7520.668	27.506	0.000	28.742	0.000	12.637	0.000	0.000	28.796	27.449	-11.722	MWD+IFR1+MS
7700.000	0.000	0.000	7620.668	27.857	0.000	29.077	0.000	12.872	0.000	0.000	29.133	27.799	-11.923	MWD+IFR1+MS
7800.000	0.000	0.000	7720.668	28.208	0.000	29.413	0.000	13.107	0.000	0.000	29.470	28.149	-12.131	MWD+IFR1+MS
7900.000	0.000	0.000	7820.668	28.560	0.000	29.749	0.000	13.345	0.000	0.000	29.807	28.499	-12.345	MWD+IFR1+MS
8000.000	0.000	0.000	7920.668	28.912	0.000	30.087	0.000	13.587	0.000	0.000	30.146	28.850	-12.536	MWD+IFR1+MS
8100.000	0.000	0.000	8020.668	29.263	0.000	30.424	0.000	13.831	0.000	0.000	30.485	29.199	-12.725	MWD+IFR1+MS
8200.000	0.000	0.000	8120.668	29.616	0.000	30.762	0.000	14.082	0.000	0.000	30.825	29.551	-12.936	MWD+IFR1+MS
8300.000	0.000	0.000	8220.668	29.967	0.000	31.100	0.000	14.332	0.000	0.000	31.164	29.900	-13.123	MWD+IFR1+MS
8400.000	0.000	0.000	8320.668	30.320	0.000	31.439	0.000	14.584	0.000	0.000	31.504	30.252	-13.332	MWD+IFR1+MS
8500.000	0.000	0.000	8420.668	30.672	0.000	31.765	0.000	14.843	0.000	0.000	31.832	30.602	-13.670	MWD+IFR1+MS
8600.000	0.000	0.000	8520.668	31.024	0.000	32.109	0.000	15.103	0.000	0.000	32.178	30.953	-13.810	MWD+IFR1+MS
8700.000	0.000	0.000	8620.668	31.377	0.000	32.450	0.000	15.366	0.000	0.000	32.520	31.304	-13.993	MWD+IFR1+MS
8800.000	0.000	0.000	8720.668	31.718	0.000	32.787	0.000	15.630	0.000	0.000	32.858	31.644	-14.094	MWD+IFR1+MS
8900.000	0.000	0.000	8820.668	32.078	0.000	33.136	0.000	15.900	0.000	0.000	33.208	32.004	-14.274	MWD+IFR1+MS
9000.000	0.000	0.000	8920.668	32.435	0.000	33.466	0.000	16.174	0.000	0.000	33.541	32.358	-14.631	MWD+IFR1+MS
9100.000	0.000	0.000	9020.668	32.787	0.000	33.808	0.000	16.447	0.000	0.000	33.884	32.709	-14.816	MWD+IFR1+MS
9200.000	0.000	0.000	9120.668	33.136	0.000	34.161	0.000	16.727	0.000	0.000	34.237	33.058	-14.813	MWD+IFR1+MS
9300.000	0.000	0.000	9220.668	33.481	0.000	34.496	0.000	17.009	0.000	0.000	34.574	33.402	-14.995	MWD+IFR1+MS
9374.200	0.000	0.000	9295.000	33.749	0.000	34.756	0.000	17.219	0.000	0.000	34.834	33.669	-15.051	MWD+IFR1+MS
9400.000	2.053	89.940	9320.663	34.899	0.000	33.837	0.000	17.292	0.000	0.000	34.920	33.758	-15.051	MWD+IFR1+MS
9500.000	10.050	89.940	9420.024	35.609	0.000	34.190	0.000	17.601	0.000	0.000	35.693	34.147	-9.610	MWD+IFR1+MS
9600.000	18.050	89.940	9516.952	36.525	0.000	34.539	0.000	18.031	0.000	0.000	37.119	34.528	-3.841	MWD+IFR1+MS
9700.000	26.050	89.940	9609.560	36.908	0.000	34.900	0.000	18.636	0.000	0.000	38.421	34.897	-1.617	MWD+IFR1+MS
9800.000	34.050	89.940	9696.046	36.777	0.000	35.256	0.000	19.460	0.000	0.000	39.535	35.256	-0.437	MWD+IFR1+MS
9900.000	42.050	89.940	9774.726	36.215	0.000	35.595	0.000	20.518	0.000	0.000	40.472	35.595	0.321	MWD+IFR1+MS
10000.000	50.050	89.940	9844.068	35.284	0.000	35.917	0.000	21.790	0.000	0.000	41.208	35.915	0.875	MWD+IFR1+MS
10100.000	58.050	89.940	9902.723	34.101	0.000	36.222	0.000	23.244	0.000	0.000	41.764	36.218	1.322	MWD+IFR1+MS
10200.000	66.050	89.940	9949.550	32.785	0.000	36.524	0.000	24.827	0.000	0.000	42.135	36.518	1.723	MWD+IFR1+MS
10300.000	74.050	89.940	9983.637	31.505	0.000	36.797	0.000	26.484	0.000	0.000	42.351	36.789	2.096	MWD+IFR1+MS
10400.000	82.050	89.940	10004.320	30.443	0.000	37.041	0.000	28.158	0.000	0.000	42.459	37.030	2.442	MWD+IFR1+MS
10499.000	90.000	89.940	10011.197	29.767	0.000	37.256	0.000	29.767	0.000	0.000	42.497	37.243	2.745	MWD+IFR1+MS
10600.000	89.980	89.940	10011.208	30.341	0.000	37.484	0.000	30.336	0.000	0.000	42.511	37.468	3.052	MWD+IFR1+MS
10700.000	89.970	89.940	10011.239	30.526	0.000	37.710	0.000	30.519	0.000	0.000	42.525	37.692	3.382	MWD+IFR1+MS
10800.000	89.950	89.940	10011.290	30.732	0.000	37.961	0.000	30.720	0.000	0.000	42.551	37.940	3.749	MWD+IFR1+MS
10900.000	89.950	89.940	10011.362	30.951	0.000	38.224	0.000	30.939	0.000	0.000	42.566	38.199	4.175	MWD+IFR1+MS
11000.000	89.940	89.940	10011.454	31.192	0.000	38.510	0.000	31.177	0.000	0.000	42.593	38.481	4.661	MWD+IFR1+MS
11100.000	89.920	89.940	10011.567	31.452	0.000	38.808	0.000	31.432	0.000	0.000	42.610	38.774	5.239	MWD+IFR1+MS
11200.000	89.910	89.930	10011.701	31.724	0.000	39.116	0.000	31.702	0.000	0.000	42.639	39.076	5.904	MWD+IFR1+MS
11300.000	89.900	89.930	10011.855	32.009	0.000	39.434	0.000	31.984	0.000	0.000	42.669	39.387	6.694	MWD+IFR1+MS
11400.000	89.890	89.930	10012.029	32.323	0.000	39.775	0.000	32.296	0.000	0.000	42.690	39.719	7.717	MWD+IFR1+MS
11500.000	89.880	89.930	10012.224	32.648	0.000	40.126	0.000	32.619	0.000	0.000	42.724	40.058	8.966	MWD+IFR1+MS
11600.000	89.870	89.930	10012.440	32.986	0.000	40.498	0.000	32.955	0.000	0.000	42.763	40.415	10.623	MWD+IFR1+MS
11700.000	89.840	89.930	10012.676	33.355	0.000	40.879	0.000	33.317	0.000	0.000	42.806	40.775	12.839	MWD+IFR1+MS
11800.000	89.840	89.930	10012.932	33.714	0.000	41.269	0.000	33.675	0.000	0.000	42.859	41.135	15.920	MWD+IFR1+MS
11900.000	89.830	89.930	10013.209	34.100	0.000	41.678	0.000	34.059	0.000	0.000	42.928	41.499	20.513	MWD+IFR1+MS
12000.000	89.810	89.920	10013.507	34.498	0.000	42.096	0.000	34.453	0.000	0.000	43.035	41.845	27.132	MWD+IFR1+MS

12100.000	89.810	89.920	10013.825	34.916	0.000	42.522	0.000	34.871	0.000	0.000	43.182	42.146	36.789	MWD+IFR1+MS
12200.000	89.800	89.920	10014.163	35.332	0.000	42.955	0.000	35.285	0.000	0.000	43.406	42.378	48.255	MWD+IFR1+MS
12300.000	89.780	89.920	10014.522	35.773	0.000	43.407	0.000	35.721	0.000	0.000	43.723	42.547	58.477	MWD+IFR1+MS
12400.000	89.770	89.920	10014.902	36.220	0.000	43.876	0.000	36.166	0.000	0.000	44.109	42.654	66.167	MWD+IFR1+MS
12500.000	89.760	89.920	10015.302	36.675	0.000	44.341	0.000	36.620	0.000	0.000	44.526	42.737	70.994	MWD+IFR1+MS
12600.000	89.750	89.920	10015.722	37.152	0.000	44.823	0.000	37.094	0.000	0.000	44.976	42.804	74.369	MWD+IFR1+MS
12700.000	89.730	89.920	10016.163	37.638	0.000	45.312	0.000	37.577	0.000	0.000	45.442	42.860	76.738	MWD+IFR1+MS
12800.000	89.720	89.910	10016.625	38.129	0.000	45.817	0.000	38.066	0.000	0.000	45.930	42.900	78.560	MWD+IFR1+MS
12900.000	89.700	89.910	10017.107	38.629	0.000	46.327	0.000	38.562	0.000	0.000	46.428	42.947	79.894	MWD+IFR1+MS
13000.000	89.700	89.910	10017.610	39.131	0.000	46.842	0.000	39.064	0.000	0.000	46.934	42.991	80.934	MWD+IFR1+MS
13100.000	89.690	89.910	10018.133	39.654	0.000	47.373	0.000	39.585	0.000	0.000	47.457	43.033	81.786	MWD+IFR1+MS
13200.000	89.680	89.910	10018.676	40.183	0.000	47.908	0.000	40.112	0.000	0.000	47.986	43.085	82.462	MWD+IFR1+MS
13300.000	89.670	89.910	10019.241	40.717	0.000	48.448	0.000	40.645	0.000	0.000	48.521	43.125	83.040	MWD+IFR1+MS
13400.000	89.650	89.910	10019.825	41.270	0.000	49.002	0.000	41.195	0.000	0.000	49.070	43.164	83.538	MWD+IFR1+MS
13500.000	89.640	89.910	10020.430	41.815	0.000	49.550	0.000	41.737	0.000	0.000	49.615	43.202	83.952	MWD+IFR1+MS
13600.000	89.630	89.900	10021.056	42.375	0.000	50.122	0.000	42.297	0.000	0.000	50.183	43.251	84.319	MWD+IFR1+MS
13700.000	89.620	89.900	10021.702	42.941	0.000	50.688	0.000	42.860	0.000	0.000	50.746	43.288	84.639	MWD+IFR1+MS
13800.000	89.610	89.900	10022.369	43.510	0.000	51.266	0.000	43.428	0.000	0.000	51.322	43.337	84.918	MWD+IFR1+MS
13900.000	89.590	89.900	10023.056	44.097	0.000	51.858	0.000	44.011	0.000	0.000	51.911	43.385	85.172	MWD+IFR1+MS
14000.000	89.580	89.900	10023.764	44.685	0.000	52.443	0.000	44.598	0.000	0.000	52.494	43.433	85.393	MWD+IFR1+MS
14100.000	89.560	89.900	10024.492	45.279	0.000	53.040	0.000	45.188	0.000	0.000	53.089	43.469	85.600	MWD+IFR1+MS
14200.000	89.560	89.900	10025.241	45.872	0.000	53.649	0.000	45.782	0.000	0.000	53.697	43.516	85.787	MWD+IFR1+MS
14300.000	89.550	89.890	10026.010	46.480	0.000	54.252	0.000	46.390	0.000	0.000	54.298	43.563	85.952	MWD+IFR1+MS
14400.000	89.540	89.890	10026.800	47.081	0.000	54.866	0.000	46.989	0.000	0.000	54.910	43.610	86.106	MWD+IFR1+MS
14500.000	89.520	89.890	10027.610	47.698	0.000	55.491	0.000	47.603	0.000	0.000	55.534	43.657	86.249	MWD+IFR1+MS
14600.000	89.510	89.890	10028.441	48.315	0.000	56.110	0.000	48.218	0.000	0.000	56.151	43.715	86.375	MWD+IFR1+MS
14700.000	89.500	89.890	10029.292	48.945	0.000	56.739	0.000	48.847	0.000	0.000	56.779	43.762	86.496	MWD+IFR1+MS
14800.000	89.480	89.890	10030.164	49.578	0.000	57.379	0.000	49.477	0.000	0.000	57.418	43.808	86.610	MWD+IFR1+MS
14900.000	89.480	89.890	10031.056	50.200	0.000	58.011	0.000	50.100	0.000	0.000	58.050	43.866	86.711	MWD+IFR1+MS
15000.000	89.470	89.890	10031.969	50.846	0.000	58.654	0.000	50.744	0.000	0.000	58.692	43.912	86.809	MWD+IFR1+MS
15100.000	89.450	89.880	10032.902	51.485	0.000	59.307	0.000	51.381	0.000	0.000	59.343	43.970	86.900	MWD+IFR1+MS
15200.000	89.440	89.880	10033.856	52.134	0.000	59.953	0.000	52.029	0.000	0.000	59.988	44.027	86.983	MWD+IFR1+MS
15300.000	89.430	89.880	10034.830	52.775	0.000	60.608	0.000	52.669	0.000	0.000	60.643	44.073	87.065	MWD+IFR1+MS
15400.000	89.420	89.880	10035.825	53.428	0.000	61.273	0.000	53.320	0.000	0.000	61.307	44.130	87.141	MWD+IFR1+MS
15500.000	89.410	89.880	10036.840	54.090	0.000	61.930	0.000	53.981	0.000	0.000	61.963	44.187	87.210	MWD+IFR1+MS
15600.000	89.400	89.880	10037.876	54.745	0.000	62.597	0.000	54.635	0.000	0.000	62.629	44.244	87.277	MWD+IFR1+MS
15700.000	89.380	89.880	10038.932	55.412	0.000	63.272	0.000	55.299	0.000	0.000	63.304	44.301	87.342	MWD+IFR1+MS
15800.000	89.370	89.880	10040.009	56.078	0.000	63.941	0.000	55.964	0.000	0.000	63.972	44.358	87.401	MWD+IFR1+MS
15900.000	89.360	89.870	10041.106	56.745	0.000	64.618	0.000	56.630	0.000	0.000	64.648	44.426	87.457	MWD+IFR1+MS
16000.000	89.340	89.870	10042.224	57.424	0.000	65.303	0.000	57.306	0.000	0.000	65.332	44.482	87.512	MWD+IFR1+MS
16100.000	89.340	89.870	10043.363	58.091	0.000	65.988	0.000	57.974	0.000	0.000	66.017	44.539	87.565	MWD+IFR1+MS
16200.000	89.330	89.870	10044.522	58.769	0.000	66.674	0.000	58.652	0.000	0.000	66.703	44.606	87.614	MWD+IFR1+MS
16300.000	89.310	89.870	10045.701	59.450	0.000	67.361	0.000	59.330	0.000	0.000	67.389	44.663	87.662	MWD+IFR1+MS
16400.000	89.300	89.870	10046.901	60.138	0.000	68.055	0.000	60.017	0.000	0.000	68.082	44.730	87.707	MWD+IFR1+MS
16500.000	89.290	89.870	10048.121	60.826	0.000	68.749	0.000	60.704	0.000	0.000	68.776	44.797	87.749	MWD+IFR1+MS
16600.000	89.280	89.870	10049.362	61.507	0.000	69.444	0.000	61.384	0.000	0.000	69.471	44.853	87.791	MWD+IFR1+MS
16700.000	89.270	89.860	10050.624	62.197	0.000	70.146	0.000	62.073	0.000	0.000	70.172	44.920	87.831	MWD+IFR1+MS
16800.000	89.250	89.860	10051.905	62.896	0.000	70.849	0.000	62.769	0.000	0.000	70.874	44.987	87.868	MWD+IFR1+MS
16900.000	89.230	89.860	10053.208	63.588	0.000	71.551	0.000	63.459	0.000	0.000	71.576	45.054	87.905	MWD+IFR1+MS
17000.000	89.230	89.860	10054.531	64.285	0.000	72.260	0.000	64.156	0.000	0.000	72.285	45.121	87.939	MWD+IFR1+MS
17100.000	89.220	89.860	10055.874	64.983	0.000	72.970	0.000	64.854	0.000	0.000	72.994	45.198	87.972	MWD+IFR1+MS
17200.000	89.200	89.860	10057.238	65.683	0.000	73.686	0.000	65.552	0.000	0.000	73.710	45.265	88.006	MWD+IFR1+MS
17300.000	89.200	89.860	10058.623	66.388	0.000	74.395	0.000	66.257	0.000	0.000	74.418	45.331	88.036	MWD+IFR1+MS
17400.000	89.180	89.840	10060.028	67.096	0.000	75.111	0.000	66.963	0.000	0.000	75.134	45.408	88.065	MWD+IFR1+MS

17500.000	89.170	89.840	10061.453	67.803	0.000	75.833	0.000	67.668	0.000	0.000	75.856	45.475	88.096	MWD+IFR1+MS
17600.000	89.160	89.840	10062.899	68.509	0.000	76.555	0.000	68.374	0.000	0.000	76.577	45.551	88.124	MWD+IFR1+MS
17700.000	89.150	89.840	10064.365	69.216	0.000	77.277	0.000	69.080	0.000	0.000	77.298	45.617	88.151	MWD+IFR1+MS
17800.000	89.140	89.840	10065.852	69.929	0.000	77.998	0.000	69.793	0.000	0.000	78.020	45.694	88.176	MWD+IFR1+MS
17900.000	89.130	89.840	10067.360	70.643	0.000	78.725	0.000	70.505	0.000	0.000	78.747	45.771	88.202	MWD+IFR1+MS
18000.000	89.110	89.840	10068.888	71.358	0.000	79.452	0.000	71.218	0.000	0.000	79.474	45.847	88.226	MWD+IFR1+MS
18100.000	89.090	89.840	10070.436	72.073	0.000	80.179	0.000	71.931	0.000	0.000	80.200	45.923	88.249	MWD+IFR1+MS
18200.000	89.090	89.840	10072.005	72.791	0.000	80.912	0.000	72.650	0.000	0.000	80.932	46.000	88.273	MWD+IFR1+MS
18300.000	89.080	89.840	10073.595	73.511	0.000	81.644	0.000	73.369	0.000	0.000	81.664	46.076	88.295	MWD+IFR1+MS
18400.000	89.060	89.840	10075.205	74.232	0.000	82.382	0.000	74.088	0.000	0.000	82.402	46.152	88.317	MWD+IFR1+MS
18500.000	89.050	89.840	10076.836	74.952	0.000	83.119	0.000	74.806	0.000	0.000	83.139	46.238	88.338	MWD+IFR1+MS
18600.000	89.040	89.840	10078.487	75.678	0.000	83.855	0.000	75.531	0.000	0.000	83.875	46.314	88.359	MWD+IFR1+MS
18700.000	89.030	89.840	10080.158	76.397	0.000	84.592	0.000	76.250	0.000	0.000	84.611	46.390	88.378	MWD+IFR1+MS
18800.000	89.020	89.840	10081.850	77.122	0.000	85.333	0.000	76.974	0.000	0.000	85.352	46.476	88.397	MWD+IFR1+MS
18900.000	89.010	89.840	10083.563	77.853	0.000	86.074	0.000	77.705	0.000	0.000	86.093	46.562	88.416	MWD+IFR1+MS
19000.000	89.000	89.830	10085.296	78.578	0.000	86.821	0.000	78.428	0.000	0.000	86.839	46.637	88.434	MWD+IFR1+MS
19100.000	88.980	89.830	10087.049	79.310	0.000	87.560	0.000	79.158	0.000	0.000	87.579	46.723	88.452	MWD+IFR1+MS
19200.000	88.970	89.830	10088.823	80.040	0.000	88.305	0.000	79.887	0.000	0.000	88.323	46.808	88.468	MWD+IFR1+MS
19300.000	88.950	89.830	10090.618	80.771	0.000	89.055	0.000	80.616	0.000	0.000	89.073	46.893	88.486	MWD+IFR1+MS
19400.000	88.950	89.830	10092.433	81.499	0.000	89.805	0.000	81.345	0.000	0.000	89.822	46.979	88.502	MWD+IFR1+MS
19500.000	88.940	89.830	10094.269	82.234	0.000	90.553	0.000	82.079	0.000	0.000	90.570	47.064	88.517	MWD+IFR1+MS
19600.000	88.930	89.830	10096.125	82.968	0.000	91.301	0.000	82.813	0.000	0.000	91.318	47.149	88.532	MWD+IFR1+MS
19700.000	88.910	89.830	10098.001	83.704	0.000	92.054	0.000	83.546	0.000	0.000	92.071	47.244	88.548	MWD+IFR1+MS
19800.000	88.900	89.810	10099.898	84.437	0.000	92.806	0.000	84.279	0.000	0.000	92.822	47.329	88.563	MWD+IFR1+MS
19900.000	88.890	89.810	10101.816	85.170	0.000	93.563	0.000	85.012	0.000	0.000	93.579	47.423	88.577	MWD+IFR1+MS
20000.000	88.880	89.810	10103.754	85.909	0.000	94.319	0.000	85.750	0.000	0.000	94.335	47.508	88.591	MWD+IFR1+MS
20100.000	88.870	89.810	10105.713	86.647	0.000	95.074	0.000	86.487	0.000	0.000	95.090	47.602	88.604	MWD+IFR1+MS
20200.000	88.860	89.810	10107.692	87.390	0.000	95.828	0.000	87.230	0.000	0.000	95.844	47.686	88.618	MWD+IFR1+MS
20300.000	88.840	89.810	10109.692	88.129	0.000	96.587	0.000	87.966	0.000	0.000	96.602	47.780	88.631	MWD+IFR1+MS
20400.000	88.830	89.810	10111.712	88.871	0.000	97.345	0.000	88.707	0.000	0.000	97.360	47.875	88.643	MWD+IFR1+MS
20500.000	88.810	89.810	10113.752	89.614	0.000	98.107	0.000	89.448	0.000	0.000	98.123	47.968	88.655	MWD+IFR1+MS
20600.000	88.810	89.810	10115.813	90.354	0.000	98.869	0.000	90.189	0.000	0.000	98.884	48.062	88.668	MWD+IFR1+MS
20700.000	88.800	89.810	10117.895	91.094	0.000	99.630	0.000	90.929	0.000	0.000	99.645	48.156	88.680	MWD+IFR1+MS
20800.000	88.780	89.810	10119.997	91.841	0.000	100.355	0.000	91.673	0.000	0.000	100.370	48.259	88.689	MWD+IFR1+MS
20900.000	88.770	89.810	10122.120	92.586	0.000	101.149	0.000	92.418	0.000	0.000	101.163	48.352	88.702	MWD+IFR1+MS
21000.000	88.760	89.810	10124.263	93.330	0.000	101.888	0.000	93.161	0.000	0.000	101.902	48.445	88.713	MWD+IFR1+MS
21100.000	88.750	89.810	10126.427	94.074	0.000	102.670	0.000	93.904	0.000	0.000	102.684	48.548	88.724	MWD+IFR1+MS
21200.000	88.730	89.810	10128.611	94.824	0.000	103.446	0.000	94.652	0.000	0.000	103.460	48.641	88.735	MWD+IFR1+MS
21300.000	88.730	89.800	10130.816	95.565	0.000	104.217	0.000	95.394	0.000	0.000	104.231	48.744	88.745	MWD+IFR1+MS
21400.000	88.700	89.800	10133.041	96.315	0.000	104.982	0.000	96.141	0.000	0.000	104.996	48.846	88.755	MWD+IFR1+MS
21500.000	88.700	89.800	10135.286	97.065	0.000	105.741	0.000	96.892	0.000	0.000	105.755	48.938	88.765	MWD+IFR1+MS
21600.000	88.690	89.800	10137.553	97.812	0.000	106.495	0.000	97.637	0.000	0.000	106.509	49.040	88.774	MWD+IFR1+MS
21700.000	88.680	89.800	10139.839	98.562	0.000	107.290	0.000	98.387	0.000	0.000	107.304	49.142	88.784	MWD+IFR1+MS
21800.000	88.670	89.800	10142.147	99.312	0.000	108.034	0.000	99.136	0.000	0.000	108.047	49.253	88.793	MWD+IFR1+MS
21900.000	88.660	89.800	10144.474	100.061	0.000	108.818	0.000	99.885	0.000	0.000	108.831	49.355	88.802	MWD+IFR1+MS
22000.000	88.640	89.800	10146.822	100.777	0.000	109.596	0.000	100.598	0.000	0.000	109.609	49.456	88.812	MWD+IFR1+MS
22100.000	88.630	89.790	10149.191	101.520	0.000	110.369	0.000	101.341	0.000	0.000	110.382	49.557	88.821	MWD+IFR1+MS
22133.000	88.630	89.790	10150.000	101.816	0.000	110.595	0.000	101.637	0.000	0.000	110.608	49.597	88.823	MWD+IFR1+MS

Plan Targets		JRU DI11 Ekalaka 823H			
Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
Kick Off Pt 21	9652.17	506966.20	633782.30	5851.80	CIRCLE

FTP 43	11131.20	506966.20	634498.50	6568.00	RECTANGLE
Rev 2 FTP 7	10508.23	506415.90	634498.50	6870.00	CIRCLE
Rev 2 BHL 7	22143.00	506441.50	646131.20	7008.00	CIRCLE
BHL 43	22841.10	506988.21	646128.58	6568.00	RECTANGLE



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

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 304207

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 304207
	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