

Well Name: JAMES RANCH UNIT DI 11 EKALAKA	Well Location:	County or Parish/State:
Well Number: 113H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NYNM0002953	Unit or CA Name: JAMES RANCH	Unit or CA Number: NMNM070965Z
US Well Number:	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2642445

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 11/02/2021	Time Sundry Submitted: 08:51
Date proposed operation will begin: 11/04/2021	

Procedure Description: **Name Change, Pool Change, Formation 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 113H to James Ranch Unit DI 11 Ekalaka 824H Pool Change fr/Wildcat Wolfcamp to Wildcat Bone Spring Formation Change fr/Bone Spring to Wolfcamp Change BHL fr/2310'FNL & 50'FEL, Section 15-22S-30E to 1100'FNL & 50'FEL, Section 15-T22S-R30E Casing/Cement design 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_824H_NOI_Attachments_20211102085032.pdf

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US Well Number:	Operator: XTO PERMIAN OPERATING LLC	

Operator

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

Operator Electronic Signature: STEPHANIE RABADUE	Signed on: NOV 02, 2021 08:50 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 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	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

3a. Address 3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

Attachments:

C102

Drilling Program

Directional Plan

Multibowl Diagram

Location of Well

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 30-015-49033	² Pool Code 97905	³ Pool Name Wildcat G-07 S223021G; Bone Spring
⁴ Property Code 331690	⁵ Property Name JAMES RANCH UNIT DI 11 EKALAKA	⁶ Well Number 824H
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	2,426	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		1,100	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.

¹⁶ GRID AZ = 356°10'55" HORIZ. DIST. = 1,845.43' GRID AZ = 89°53'24" HORIZ. DIST. = 13,205.87'	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 _____
SHL (NAD83 NME) Y = 506,392.2 X = 674,223.0 LAT. = 32.391405 °N LONG. = 103.902817 °W LTP (NAD83 NME) Y = 508,258.7 X = 687,256.0 LAT. = 32.396385 °N LONG. = 103.860568 °W FTP (NAD83 NME) Y = 508,233.5 X = 674,100.1 LAT. = 32.396468 °N LONG. = 103.903191 °W BHL (NAD83 NME) Y = 508,258.8 X = 687,306.0 LAT. = 32.396384 °N LONG. = 103.860406 °W SHL (NAD27 NME) Y = 506,331.4 X = 633,041.6 LAT. = 32.391283 °N LONG. = 103.902321 °W LTP (NAD27 NME) Y = 508,198.0 X = 646,074.7 LAT. = 32.396262 °N LONG. = 103.860072 °W FTP (NAD27 NME) Y = 508,172.7 X = 632,918.8 LAT. = 32.396345 °N LONG. = 103.902695 °W BHL (NAD27 NME) Y = 508,198.1 X = 646,124.7 LAT. = 32.396262 °N LONG. = 103.859910 °W CORNER COORDINATES (NAD83 NME) A - Y = 509,333.1 N , X = 673,963.4 E B - Y = 509,341.7 N , X = 676,634.9 E C - Y = 509,344.4 N , X = 679,319.8 E D - Y = 509,345.5 N , X = 682,005.1 E E - Y = 509,353.1 N , X = 684,679.9 E F - Y = 509,358.9 N , X = 687,350.6 E G - Y = 508,014.0 N , X = 673,968.0 E H - Y = 508,021.7 N , X = 676,641.2 E I - Y = 508,024.4 N , X = 679,325.1 E J - Y = 508,026.3 N , X = 682,010.0 E K - Y = 508,033.8 N , X = 684,684.3 E L - Y = 508,040.3 N , X = 687,357.0 E CORNER COORDINATES (NAD27 NME) A - Y = 509,272.2 N , X = 632,782.1 E B - Y = 509,280.9 N , X = 635,453.5 E C - Y = 509,283.5 N , X = 638,138.4 E D - Y = 509,284.6 N , X = 640,823.8 E E - Y = 509,292.3 N , X = 643,498.6 E F - Y = 509,298.2 N , X = 646,169.4 E G - Y = 507,953.1 N , X = 632,786.6 E H - Y = 507,960.9 N , X = 635,459.8 E I - Y = 507,963.6 N , X = 638,143.7 E J - Y = 507,965.5 N , X = 640,828.6 E K - Y = 507,973.0 N , X = 643,502.9 E L - Y = 507,979.6 N , X = 646,175.7 E	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 2019072017

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

XTO Energy Inc.
James Ranch Unit DI 11 Ekalaka 824H
Projected TD: 22693' MD / 10150' TVD
SHL: 2335' FSL & 2426' FEL , Section 17, T22S, R30E
BHL: 1100' 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 Sh	9710'	Water/Oil/Gas
Target/Land Curve	10012'	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 9168' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 22693 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 8668 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	1.90	2.56	4.78
8.75	0' – 3394'	7.625	29.7	RY P-110	Flush Joint	New	3.76	3.52	2.05
8.75	3394' – 9168'	7.625	29.7	HC L-80	Flush Joint	New	2.73	3.95	2.37
6.75	0' – 9068'	5.5	23	RY P-110	Semi-Premium	New	1.21	3.43	2.13
6.75	9068' - 9900'	5.5	23	RY P-110	Semi-Flush	New	1.21	3.14	4.54
6.75	9900' - 22693'	5.5	23	RY P-110	Semi-Flush	New	1.21	3.06	5.29

- 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 +/- 9168'

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: 290 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 +/- 22693'

Lead: 30 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft³/sx, 15.00 gal/sx water) Top of Cement: 8668 feet
 Tail: 940 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft³/sx, 8.38 gal/sx water) Top of Cement: 9593 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 9168'	8.75	FW / Cut Brine	8.6-9.1	30-32	NC
9168' to 22693'	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 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 824H

Measured Depth: 22693.00 ft
TVD RKB: 10150.00 ft
Location
Cartographic Reference System: New Mexico East - NAD 27
Northing: 506331.20 ft
Easting: 633041.60 ft
RKB: 3142.00 ft
Ground Level: 3102.00 ft
North Reference: Grid
Convergence Angle: 0.23 Deg

Plan Sections JRU DI11 Ekalaka 824H									
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	-0.01	-0.01	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	-0.01	-0.01	0.00	0.00	0.00	
3795.40	15.91	11.95	3785.22	107.33	22.70	2.00	0.00	2.00	
9593.33	15.91	11.95	9361.11	1662.08	351.67	0.00	0.00	0.00	
10669.36	89.34	89.88	10012.00	1842.80	1058.40	6.82	7.24	8.00	Rev 2 FTP 8
22693.51	89.34	89.88	10150.00	1867.48	13081.74	0.00	0.00	0.00	Rev 2 BHL 8

Position Uncertainty JRU DI11 Ekalaka 824H														
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	1.999	11.940	3099.980	11.851	0.000	11.402	0.000	4.412	0.000	0.000	12.126	11.116	133.535	MWD+IFR1+MS
3200.000	4.000	11.940	3199.838	12.388	0.000	11.765	0.000	4.533	0.000	0.000	12.668	11.490	130.246	MWD+IFR1+MS
3300.000	6.000	11.940	3299.452	12.902	0.000	12.130	0.000	4.658	0.000	0.000	13.203	11.861	127.949	MWD+IFR1+MS
3400.000	7.999	11.940	3398.702	13.386	0.000	12.497	0.000	4.787	0.000	0.000	13.727	12.226	126.411	MWD+IFR1+MS
3500.000	10.000	11.940	3497.465	13.846	0.000	12.857	0.000	4.924	0.000	0.000	14.237	12.586	125.173	MWD+IFR1+MS
3600.000	11.990	11.940	3595.623	14.282	0.000	13.222	0.000	5.069	0.000	0.000	14.737	12.947	124.353	MWD+IFR1+MS
3700.000	14.000	11.940	3693.055	14.697	0.000	13.582	0.000	5.221	0.000	0.000	15.225	13.304	123.626	MWD+IFR1+MS
3795.300	15.900	11.940	3785.219	15.055	0.000	13.925	0.000	5.373	0.000	0.000	15.665	13.642	123.214	MWD+IFR1+MS
3800.000	15.900	11.940	3789.644	15.070	0.000	13.943	0.000	5.375	0.000	0.000	15.681	13.661	123.214	MWD+IFR1+MS
3900.000	15.900	11.940	3885.814	15.389	0.000	14.297	0.000	5.516	0.000	0.000	15.988	14.017	123.403	MWD+IFR1+MS
4000.000	15.900	11.940	3981.985	15.719	0.000	14.661	0.000	5.663	0.000	0.000	16.312	14.378	123.809	MWD+IFR1+MS
4100.000	15.900	11.940	4078.155	16.053	0.000	15.027	0.000	5.813	0.000	0.000	16.638	14.740	124.215	MWD+IFR1+MS
4200.000	15.900	11.940	4174.325	16.392	0.000	15.395	0.000	5.967	0.000	0.000	16.969	15.104	124.571	MWD+IFR1+MS
4300.000	15.900	11.940	4270.495	16.734	0.000	15.766	0.000	6.125	0.000	0.000	17.304	15.472	124.968	MWD+IFR1+MS
4400.000	15.900	11.940	4366.666	17.075	0.000	16.135	0.000	6.287	0.000	0.000	17.638	15.837	125.365	MWD+IFR1+MS
4500.000	15.900	11.940	4462.836	17.422	0.000	16.505	0.000	6.452	0.000	0.000	17.976	16.203	125.714	MWD+IFR1+MS
4600.000	15.900	11.940	4559.006	17.772	0.000	16.878	0.000	6.620	0.000	0.000	18.318	16.573	126.104	MWD+IFR1+MS
4700.000	15.900	11.940	4655.177	18.123	0.000	17.252	0.000	6.792	0.000	0.000	18.661	16.943	126.491	MWD+IFR1+MS
4800.000	15.900	11.940	4751.347	18.476	0.000	17.624	0.000	6.966	0.000	0.000	19.005	17.312	126.829	MWD+IFR1+MS
4900.000	15.900	11.940	4847.517	18.834	0.000	17.999	0.000	7.144	0.000	0.000	19.354	17.684	127.164	MWD+IFR1+MS
5000.000	15.900	11.940	4943.688	19.191	0.000	18.375	0.000	7.325	0.000	0.000	19.702	18.056	127.539	MWD+IFR1+MS
5100.000	15.900	11.940	5039.858	19.552	0.000	18.754	0.000	7.509	0.000	0.000	20.054	18.431	127.911	MWD+IFR1+MS
5200.000	15.900	11.940	5136.028	19.915	0.000	19.130	0.000	7.695	0.000	0.000	20.408	18.805	128.236	MWD+IFR1+MS
5300.000	15.900	11.940	5232.199	20.276	0.000	19.507	0.000	7.884	0.000	0.000	20.761	19.178	128.602	MWD+IFR1+MS
5400.000	15.900	11.940	5328.369	20.641	0.000	19.884	0.000	8.077	0.000	0.000	21.116	19.553	128.917	MWD+IFR1+MS
5500.000	15.900	11.940	5424.539	21.010	0.000	20.265	0.000	8.272	0.000	0.000	21.475	19.930	129.231	MWD+IFR1+MS
5600.000	15.900	11.940	5520.710	21.378	0.000	20.645	0.000	8.469	0.000	0.000	21.834	20.307	129.584	MWD+IFR1+MS
5700.000	15.900	11.940	5616.880	21.747	0.000	21.023	0.000	8.670	0.000	0.000	22.194	20.682	129.891	MWD+IFR1+MS
5800.000	15.900	11.940	5713.050	22.119	0.000	21.404	0.000	8.873	0.000	0.000	22.556	21.060	130.192	MWD+IFR1+MS
5900.000	15.900	11.940	5809.221	22.492	0.000	21.786	0.000	9.079	0.000	0.000	22.919	21.438	130.490	MWD+IFR1+MS
6000.000	15.900	11.940	5905.391	22.865	0.000	22.167	0.000	9.288	0.000	0.000	23.284	21.817	130.784	MWD+IFR1+MS
6100.000	15.900	11.940	6001.561	23.240	0.000	22.551	0.000	9.499	0.000	0.000	23.650	22.197	131.117	MWD+IFR1+MS
6200.000	15.900	11.940	6097.732	23.615	0.000	22.932	0.000	9.712	0.000	0.000	24.015	22.576	131.404	MWD+IFR1+MS
6300.000	15.900	11.940	6193.902	23.992	0.000	23.314	0.000	9.929	0.000	0.000	24.382	22.955	131.686	MWD+IFR1+MS
6400.000	15.900	11.940	6290.072	24.370	0.000	23.698	0.000	10.144	0.000	0.000	24.752	23.336	131.965	MWD+IFR1+MS
6500.000	15.900	11.940	6386.242	24.750	0.000	24.080	0.000	10.368	0.000	0.000	25.121	23.716	132.197	MWD+IFR1+MS
6600.000	15.900	11.940	6482.413	25.128	0.000	24.465	0.000	10.592	0.000	0.000	25.490	24.097	132.509	MWD+IFR1+MS
6700.000	15.900	11.940	6578.583	25.510	0.000	24.849	0.000	10.817	0.000	0.000	25.862	24.479	132.735	MWD+IFR1+MS
6800.000	15.900	11.940	6674.753	25.891	0.000	25.234	0.000	11.045	0.000	0.000	26.234	24.861	132.998	MWD+IFR1+MS
6900.000	15.900	11.940	6770.924	26.273	0.000	25.618	0.000	11.278	0.000	0.000	26.606	25.243	133.257	MWD+IFR1+MS
7000.000	15.900	11.940	6867.094	26.657	0.000	26.003	0.000	11.511	0.000	0.000	26.980	25.625	133.472	MWD+IFR1+MS
7100.000	15.900	11.940	6963.264	27.039	0.000	26.388	0.000	11.747	0.000	0.000	27.354	26.007	133.724	MWD+IFR1+MS
7200.000	15.900	11.940	7059.435	27.424	0.000	26.774	0.000	11.987	0.000	0.000	27.729	26.391	133.971	MWD+IFR1+MS

7300.000	15.900	11.940	7155.605	27.808	0.000	27.159	0.000	12.227	0.000	0.000	28.104	26.774	134.176	MWD+IFR1+MS
7400.000	15.900	11.940	7251.775	28.195	0.000	27.546	0.000	12.474	0.000	0.000	28.482	27.159	134.377	MWD+IFR1+MS
7500.000	15.900	11.940	7347.946	28.580	0.000	27.931	0.000	12.720	0.000	0.000	28.857	27.542	134.575	MWD+IFR1+MS
7600.000	15.900	11.940	7444.116	28.968	0.000	28.318	0.000	12.965	0.000	0.000	29.235	27.926	134.770	MWD+IFR1+MS
7700.000	15.900	11.940	7540.286	29.356	0.000	28.704	0.000	13.217	0.000	0.000	29.614	28.311	134.962	MWD+IFR1+MS
7800.000	15.900	11.940	7636.457	29.743	0.000	29.091	0.000	13.472	0.000	0.000	29.992	28.696	-44.849	MWD+IFR1+MS
7900.000	15.900	11.940	7732.627	30.132	0.000	29.478	0.000	13.730	0.000	0.000	30.371	29.081	-44.664	MWD+IFR1+MS
8000.000	15.900	11.940	7828.797	30.522	0.000	29.865	0.000	13.986	0.000	0.000	30.751	29.466	-44.519	MWD+IFR1+MS
8100.000	15.900	11.940	7924.968	30.911	0.000	30.253	0.000	14.248	0.000	0.000	31.131	29.852	-44.302	MWD+IFR1+MS
8200.000	15.900	11.940	8021.138	31.301	0.000	30.640	0.000	14.512	0.000	0.000	31.512	30.238	-44.162	MWD+IFR1+MS
8300.000	15.900	11.940	8117.308	31.691	0.000	31.028	0.000	14.778	0.000	0.000	31.893	30.624	-43.989	MWD+IFR1+MS
8400.000	15.900	11.940	8213.479	32.081	0.000	31.412	0.000	15.047	0.000	0.000	32.272	31.008	-43.926	MWD+IFR1+MS
8500.000	15.900	11.940	8309.649	32.468	0.000	31.789	0.000	15.317	0.000	0.000	32.647	31.387	-43.934	MWD+IFR1+MS
8600.000	15.900	11.940	8405.819	32.853	0.000	32.177	0.000	15.592	0.000	0.000	33.026	31.769	-43.592	MWD+IFR1+MS
8700.000	15.900	11.940	8501.990	33.247	0.000	32.576	0.000	15.865	0.000	0.000	33.415	32.163	-43.255	MWD+IFR1+MS
8800.000	15.900	11.940	8598.160	33.649	0.000	32.956	0.000	16.143	0.000	0.000	33.799	32.552	-43.615	MWD+IFR1+MS
8900.000	15.900	11.940	8694.330	34.035	0.000	33.345	0.000	16.426	0.000	0.000	34.180	32.935	-43.284	MWD+IFR1+MS
9000.000	15.900	11.940	8790.500	34.430	0.000	33.745	0.000	16.709	0.000	0.000	34.571	33.330	-42.959	MWD+IFR1+MS
9100.000	15.900	11.940	8886.671	34.821	0.000	34.126	0.000	16.994	0.000	0.000	34.950	33.712	-42.976	MWD+IFR1+MS
9200.000	15.900	11.940	8982.841	35.221	0.000	34.517	0.000	17.283	0.000	0.000	35.339	34.105	-42.992	MWD+IFR1+MS
9300.000	15.900	11.940	9079.011	35.618	0.000	34.904	0.000	17.573	0.000	0.000	35.724	34.493	-43.010	MWD+IFR1+MS
9400.000	15.900	11.940	9175.182	36.010	0.000	35.300	0.000	17.866	0.000	0.000	36.112	34.884	-42.698	MWD+IFR1+MS
9500.000	15.900	11.940	9271.352	36.398	0.000	35.678	0.000	18.163	0.000	0.000	36.489	35.264	-42.718	MWD+IFR1+MS
9593.200	15.900	11.940	9361.110	36.768	0.000	36.053	0.000	18.439	0.000	0.000	36.856	35.632	-42.412	MWD+IFR1+MS
9600.000	16.020	13.840	9367.521	36.825	0.000	36.029	0.000	18.461	0.000	0.000	36.875	35.654	-42.734	MWD+IFR1+MS
9700.000	19.430	37.850	9462.883	37.222	0.000	36.413	0.000	18.770	0.000	0.000	37.396	36.298	-33.358	MWD+IFR1+MS
9800.000	24.970	53.280	9555.507	37.329	0.000	37.485	0.000	19.173	0.000	0.000	38.617	37.077	-6.007	MWD+IFR1+MS
9900.000	31.530	63.030	9643.589	37.252	0.000	38.146	0.000	19.753	0.000	0.000	39.944	37.530	2.973	MWD+IFR1+MS
10000.000	38.590	69.610	9725.415	36.829	0.000	38.566	0.000	20.548	0.000	0.000	41.076	37.891	6.555	MWD+IFR1+MS
10100.000	45.920	74.390	9799.393	36.051	0.000	38.881	0.000	21.568	0.000	0.000	42.012	38.210	8.713	MWD+IFR1+MS
10200.000	53.400	78.110	9864.083	34.971	0.000	39.148	0.000	22.797	0.000	0.000	42.748	38.504	10.486	MWD+IFR1+MS
10300.000	60.980	81.160	9918.225	33.701	0.000	39.386	0.000	24.197	0.000	0.000	43.297	38.774	12.205	MWD+IFR1+MS
10400.000	68.620	83.790	9960.765	32.395	0.000	39.591	0.000	25.718	0.000	0.000	43.686	39.007	13.934	MWD+IFR1+MS
10500.000	76.300	86.160	9990.877	31.235	0.000	39.764	0.000	27.308	0.000	0.000	43.941	39.207	15.694	MWD+IFR1+MS
10600.000	83.980	88.380	10007.973	30.424	0.000	39.908	0.000	28.912	0.000	0.000	44.096	39.377	17.454	MWD+IFR1+MS
10669.000	89.340	89.880	10012.000	29.684	0.000	39.969	0.000	29.536	0.000	0.000	44.154	39.464	18.520	MWD+IFR1+MS
10700.000	89.340	89.880	10012.352	29.769	0.000	40.019	0.000	29.621	0.000	0.000	44.184	39.493	18.920	MWD+IFR1+MS
10800.000	89.340	89.880	10013.499	30.007	0.000	40.181	0.000	29.860	0.000	0.000	44.263	39.583	20.288	MWD+IFR1+MS
10900.000	89.340	89.880	10014.647	30.266	0.000	40.368	0.000	30.120	0.000	0.000	44.349	39.689	21.755	MWD+IFR1+MS
11000.000	89.340	89.880	10015.795	30.542	0.000	40.566	0.000	30.397	0.000	0.000	44.451	39.800	23.224	MWD+IFR1+MS
11100.000	89.340	89.880	10016.942	30.838	0.000	40.775	0.000	30.694	0.000	0.000	44.553	39.913	24.798	MWD+IFR1+MS
11200.000	89.340	89.880	10018.090	31.149	0.000	41.008	0.000	31.006	0.000	0.000	44.665	40.038	26.483	MWD+IFR1+MS
11300.000	89.340	89.880	10019.238	31.477	0.000	41.251	0.000	31.335	0.000	0.000	44.795	40.167	28.163	MWD+IFR1+MS
11400.000	89.340	89.880	10020.385	31.811	0.000	41.506	0.000	31.670	0.000	0.000	44.927	40.294	29.951	MWD+IFR1+MS
11500.000	89.340	89.880	10021.533	32.170	0.000	41.782	0.000	32.031	0.000	0.000	45.081	40.432	31.782	MWD+IFR1+MS
11600.000	89.340	89.880	10022.681	32.541	0.000	42.069	0.000	32.404	0.000	0.000	45.247	40.568	33.646	MWD+IFR1+MS
11700.000	89.340	89.880	10023.829	32.939	0.000	42.365	0.000	32.802	0.000	0.000	45.426	40.700	35.538	MWD+IFR1+MS
11800.000	89.340	89.880	10024.976	33.332	0.000	42.683	0.000	33.196	0.000	0.000	45.621	40.838	37.501	MWD+IFR1+MS
11900.000	89.340	89.880	10026.124	33.749	0.000	43.010	0.000	33.615	0.000	0.000	45.829	40.972	39.462	MWD+IFR1+MS
12000.000	89.340	89.880	10027.272	34.191	0.000	43.346	0.000	34.059	0.000	0.000	46.052	41.100	41.406	MWD+IFR1+MS
12100.000	89.340	89.880	10028.419	34.627	0.000	43.703	0.000	34.496	0.000	0.000	46.295	41.228	43.384	MWD+IFR1+MS
12200.000	89.340	89.880	10029.567	35.087	0.000	44.068	0.000	34.957	0.000	0.000	46.552	41.351	45.313	MWD+IFR1+MS
12300.000	89.340	89.880	10030.715	35.540	0.000	44.441	0.000	35.412	0.000	0.000	46.824	41.467	47.183	MWD+IFR1+MS

12400.000	89.340	89.880	10031.862	36.015	0.000	44.833	0.000	35.889	0.000	0.000	47.122	41.588	48.981	MWD+IFR1+MS
12500.000	89.340	89.880	10033.010	36.512	0.000	45.233	0.000	36.387	0.000	0.000	47.428	41.696	50.758	MWD+IFR1+MS
12600.000	89.340	89.880	10034.158	37.002	0.000	45.641	0.000	36.878	0.000	0.000	47.749	41.798	52.448	MWD+IFR1+MS
12700.000	89.340	89.880	10035.305	37.512	0.000	46.066	0.000	37.390	0.000	0.000	48.094	41.904	54.045	MWD+IFR1+MS
12800.000	89.340	89.880	10036.453	38.029	0.000	46.499	0.000	37.908	0.000	0.000	48.452	42.005	55.554	MWD+IFR1+MS
12900.000	89.340	89.880	10037.601	38.552	0.000	46.938	0.000	38.432	0.000	0.000	48.819	42.092	57.013	MWD+IFR1+MS
13000.000	89.340	89.880	10038.748	39.093	0.000	47.394	0.000	38.974	0.000	0.000	49.207	42.186	58.382	MWD+IFR1+MS
13100.000	89.340	89.880	10039.896	39.627	0.000	47.856	0.000	39.509	0.000	0.000	49.608	42.273	59.659	MWD+IFR1+MS
13200.000	89.340	89.880	10041.044	40.178	0.000	48.325	0.000	40.062	0.000	0.000	50.019	42.357	60.853	MWD+IFR1+MS
13300.000	89.340	89.880	10042.192	40.735	0.000	48.809	0.000	40.620	0.000	0.000	50.447	42.439	62.003	MWD+IFR1+MS
13400.000	89.340	89.880	10043.339	41.308	0.000	49.298	0.000	41.195	0.000	0.000	50.885	42.517	63.071	MWD+IFR1+MS
13500.000	89.340	89.880	10044.487	41.873	0.000	49.793	0.000	41.761	0.000	0.000	51.332	42.592	64.072	MWD+IFR1+MS
13600.000	89.340	89.880	10045.635	42.454	0.000	50.303	0.000	42.344	0.000	0.000	51.795	42.664	65.026	MWD+IFR1+MS
13700.000	89.340	89.880	10046.782	43.039	0.000	50.817	0.000	42.930	0.000	0.000	52.268	42.744	65.892	MWD+IFR1+MS
13800.000	89.340	89.880	10047.930	43.640	0.000	51.337	0.000	43.532	0.000	0.000	52.747	42.810	66.723	MWD+IFR1+MS
13900.000	89.340	89.880	10049.078	44.232	0.000	51.870	0.000	44.125	0.000	0.000	53.241	42.877	67.524	MWD+IFR1+MS
14000.000	89.340	89.880	10050.225	44.838	0.000	52.407	0.000	44.733	0.000	0.000	53.743	42.950	68.249	MWD+IFR1+MS
14100.000	89.340	89.880	10051.373	45.448	0.000	52.948	0.000	45.343	0.000	0.000	54.250	43.011	68.946	MWD+IFR1+MS
14200.000	89.340	89.880	10052.521	46.060	0.000	53.503	0.000	45.957	0.000	0.000	54.773	43.081	69.598	MWD+IFR1+MS
14300.000	89.340	89.880	10053.668	46.685	0.000	54.061	0.000	46.583	0.000	0.000	55.300	43.149	70.210	MWD+IFR1+MS
14400.000	89.340	89.880	10054.816	47.303	0.000	54.623	0.000	47.202	0.000	0.000	55.833	43.216	70.785	MWD+IFR1+MS
14500.000	89.340	89.880	10055.964	47.933	0.000	55.196	0.000	47.833	0.000	0.000	56.379	43.283	71.342	MWD+IFR1+MS
14600.000	89.340	89.880	10057.112	48.565	0.000	55.773	0.000	48.466	0.000	0.000	56.930	43.348	71.863	MWD+IFR1+MS
14700.000	89.340	89.880	10058.259	49.210	0.000	56.353	0.000	49.112	0.000	0.000	57.485	43.411	72.354	MWD+IFR1+MS
14800.000	89.340	89.880	10059.407	49.846	0.000	56.945	0.000	49.749	0.000	0.000	58.052	43.474	72.827	MWD+IFR1+MS
14900.000	89.340	89.880	10060.555	50.494	0.000	57.539	0.000	50.398	0.000	0.000	58.623	43.536	73.275	MWD+IFR1+MS
15000.000	89.340	89.880	10061.702	51.144	0.000	58.136	0.000	51.049	0.000	0.000	59.198	43.596	73.697	MWD+IFR1+MS
15100.000	89.340	89.880	10062.850	51.805	0.000	58.744	0.000	51.711	0.000	0.000	59.784	43.656	74.106	MWD+IFR1+MS
15200.000	89.340	89.880	10063.998	52.457	0.000	59.354	0.000	52.364	0.000	0.000	60.374	43.726	74.481	MWD+IFR1+MS
15300.000	89.340	89.880	10065.145	53.120	0.000	59.966	0.000	53.028	0.000	0.000	60.967	43.784	74.848	MWD+IFR1+MS
15400.000	89.340	89.880	10066.293	53.785	0.000	60.588	0.000	53.694	0.000	0.000	61.571	43.853	75.197	MWD+IFR1+MS
15500.000	89.340	89.880	10067.441	54.450	0.000	61.204	0.000	54.360	0.000	0.000	62.169	43.909	75.528	MWD+IFR1+MS
15600.000	89.340	89.880	10068.588	55.126	0.000	61.838	0.000	55.036	0.000	0.000	62.785	43.977	75.850	MWD+IFR1+MS
15700.000	89.340	89.880	10069.736	55.793	0.000	62.466	0.000	55.705	0.000	0.000	63.397	44.044	76.149	MWD+IFR1+MS
15800.000	89.340	89.880	10070.884	56.470	0.000	63.103	0.000	56.383	0.000	0.000	64.018	44.109	76.439	MWD+IFR1+MS
15900.000	89.340	89.880	10072.031	57.157	0.000	63.750	0.000	57.070	0.000	0.000	64.649	44.176	76.723	MWD+IFR1+MS
16000.000	89.340	89.880	10073.179	57.836	0.000	64.390	0.000	57.749	0.000	0.000	65.275	44.241	76.989	MWD+IFR1+MS
16100.000	89.340	89.880	10074.327	58.523	0.000	65.040	0.000	58.438	0.000	0.000	65.909	44.305	77.246	MWD+IFR1+MS
16200.000	89.340	89.880	10075.475	59.203	0.000	65.690	0.000	59.119	0.000	0.000	66.546	44.370	77.494	MWD+IFR1+MS
16300.000	89.340	89.880	10076.622	59.900	0.000	66.349	0.000	59.816	0.000	0.000	67.191	44.434	77.735	MWD+IFR1+MS
16400.000	89.340	89.880	10077.770	60.589	0.000	67.009	0.000	60.506	0.000	0.000	67.838	44.508	77.960	MWD+IFR1+MS
16500.000	89.340	89.880	10078.918	61.279	0.000	67.670	0.000	61.196	0.000	0.000	68.487	44.571	78.182	MWD+IFR1+MS
16600.000	89.340	89.880	10080.065	61.977	0.000	68.340	0.000	61.895	0.000	0.000	69.143	44.634	78.397	MWD+IFR1+MS
16700.000	89.340	89.880	10081.213	62.675	0.000	69.010	0.000	62.594	0.000	0.000	69.801	44.708	78.601	MWD+IFR1+MS
16800.000	89.340	89.880	10082.361	63.381	0.000	69.680	0.000	63.301	0.000	0.000	70.461	44.780	78.796	MWD+IFR1+MS
16900.000	89.340	89.880	10083.508	64.080	0.000	70.359	0.000	64.000	0.000	0.000	71.128	44.842	78.991	MWD+IFR1+MS
17000.000	89.340	89.880	10084.656	64.786	0.000	71.038	0.000	64.707	0.000	0.000	71.796	44.915	79.174	MWD+IFR1+MS
17100.000	89.340	89.880	10085.804	65.492	0.000	71.718	0.000	65.414	0.000	0.000	72.465	44.987	79.351	MWD+IFR1+MS
17200.000	89.340	89.880	10086.951	66.199	0.000	72.398	0.000	66.121	0.000	0.000	73.135	45.058	79.521	MWD+IFR1+MS
17300.000	89.340	89.880	10088.099	66.905	0.000	73.086	0.000	66.828	0.000	0.000	73.813	45.130	79.689	MWD+IFR1+MS
17400.000	89.340	89.880	10089.247	67.619	0.000	73.780	0.000	67.543	0.000	0.000	74.497	45.201	79.852	MWD+IFR1+MS
17500.000	89.340	89.880	10090.395	68.333	0.000	74.469	0.000	68.257	0.000	0.000	75.176	45.272	80.006	MWD+IFR1+MS
17600.000	89.340	89.880	10091.542	69.046	0.000	75.164	0.000	68.971	0.000	0.000	75.862	45.343	80.159	MWD+IFR1+MS
17700.000	89.340	89.880	10092.690	69.760	0.000	75.859	0.000	69.685	0.000	0.000	76.549	45.413	80.306	MWD+IFR1+MS

17800.000	89.340	89.880	10093.838	70.480	0.000	76.561	0.000	70.406	0.000	0.000	77.242	45.494	80.447	MWD+IFR1+MS
17900.000	89.340	89.880	10094.985	71.200	0.000	77.264	0.000	71.127	0.000	0.000	77.936	45.564	80.586	MWD+IFR1+MS
18000.000	89.340	89.880	10096.133	71.920	0.000	77.966	0.000	71.847	0.000	0.000	78.630	45.644	80.718	MWD+IFR1+MS
18100.000	89.340	89.880	10097.281	72.640	0.000	78.675	0.000	72.567	0.000	0.000	79.330	45.714	80.852	MWD+IFR1+MS
18200.000	89.340	89.880	10098.428	73.359	0.000	79.384	0.000	73.287	0.000	0.000	80.031	45.794	80.978	MWD+IFR1+MS
18300.000	89.340	89.880	10099.576	74.085	0.000	80.092	0.000	74.014	0.000	0.000	80.732	45.873	81.099	MWD+IFR1+MS
18400.000	89.340	89.880	10100.724	74.811	0.000	80.801	0.000	74.740	0.000	0.000	81.433	45.942	81.219	MWD+IFR1+MS
18500.000	89.340	89.880	10101.871	75.536	0.000	81.516	0.000	75.465	0.000	0.000	82.140	46.021	81.336	MWD+IFR1+MS
18600.000	89.340	89.880	10103.019	76.267	0.000	82.237	0.000	76.197	0.000	0.000	82.854	46.100	81.450	MWD+IFR1+MS
18700.000	89.340	89.880	10104.167	76.992	0.000	82.951	0.000	76.922	0.000	0.000	83.561	46.179	81.559	MWD+IFR1+MS
18800.000	89.340	89.880	10105.314	77.722	0.000	83.672	0.000	77.653	0.000	0.000	84.275	46.258	81.667	MWD+IFR1+MS
18900.000	89.340	89.880	10106.462	78.452	0.000	84.392	0.000	78.384	0.000	0.000	84.988	46.347	81.770	MWD+IFR1+MS
19000.000	89.340	89.880	10107.610	79.188	0.000	85.118	0.000	79.120	0.000	0.000	85.707	46.425	81.873	MWD+IFR1+MS
19100.000	89.340	89.880	10108.758	79.918	0.000	85.843	0.000	79.850	0.000	0.000	86.426	46.503	81.973	MWD+IFR1+MS
19200.000	89.340	89.880	10109.905	80.653	0.000	86.568	0.000	80.585	0.000	0.000	87.145	46.591	82.069	MWD+IFR1+MS
19300.000	89.340	89.880	10111.053	81.387	0.000	87.293	0.000	81.320	0.000	0.000	87.864	46.669	82.163	MWD+IFR1+MS
19400.000	89.340	89.880	10112.201	82.121	0.000	88.024	0.000	82.055	0.000	0.000	88.588	46.757	82.255	MWD+IFR1+MS
19500.000	89.340	89.880	10113.348	82.861	0.000	88.759	0.000	82.795	0.000	0.000	89.317	46.834	82.346	MWD+IFR1+MS
19600.000	89.340	89.880	10114.496	83.600	0.000	89.489	0.000	83.534	0.000	0.000	90.041	46.921	82.433	MWD+IFR1+MS
19700.000	89.340	89.880	10115.644	84.339	0.000	90.223	0.000	84.273	0.000	0.000	90.770	47.009	82.519	MWD+IFR1+MS
19800.000	89.340	89.880	10116.791	85.077	0.000	90.957	0.000	85.012	0.000	0.000	91.499	47.096	82.603	MWD+IFR1+MS
19900.000	89.340	89.880	10117.939	85.814	0.000	91.697	0.000	85.750	0.000	0.000	92.232	47.182	82.685	MWD+IFR1+MS
20000.000	89.340	89.880	10119.087	86.557	0.000	92.436	0.000	86.493	0.000	0.000	92.966	47.269	82.765	MWD+IFR1+MS
20100.000	89.340	89.880	10120.234	87.299	0.000	93.174	0.000	87.235	0.000	0.000	93.699	47.356	82.844	MWD+IFR1+MS
20200.000	89.340	89.880	10121.382	88.041	0.000	93.912	0.000	87.977	0.000	0.000	94.431	47.442	82.919	MWD+IFR1+MS
20300.000	89.340	89.880	10122.530	88.782	0.000	94.654	0.000	88.719	0.000	0.000	95.169	47.528	82.995	MWD+IFR1+MS
20400.000	89.340	89.880	10123.678	89.528	0.000	95.396	0.000	89.465	0.000	0.000	95.906	47.624	83.067	MWD+IFR1+MS
20500.000	89.340	89.880	10124.825	90.273	0.000	96.143	0.000	90.211	0.000	0.000	96.648	47.710	83.140	MWD+IFR1+MS
20600.000	89.340	89.880	10125.973	91.018	0.000	96.889	0.000	90.956	0.000	0.000	97.389	47.795	83.211	MWD+IFR1+MS
20700.000	89.340	89.880	10127.121	91.762	0.000	97.635	0.000	91.701	0.000	0.000	98.130	47.891	83.279	MWD+IFR1+MS
20800.000	89.340	89.880	10128.268	92.506	0.000	98.385	0.000	92.445	0.000	0.000	98.875	47.986	83.347	MWD+IFR1+MS
20900.000	89.340	89.880	10129.416	93.254	0.000	99.129	0.000	93.193	0.000	0.000	99.615	48.071	83.412	MWD+IFR1+MS
21000.000	89.340	89.880	10130.564	94.002	0.000	99.883	0.000	93.941	0.000	0.000	100.365	48.166	83.477	MWD+IFR1+MS
21100.000	89.340	89.880	10131.711	94.749	0.000	100.616	0.000	94.689	0.000	0.000	101.094	48.260	83.538	MWD+IFR1+MS
21200.000	89.340	89.880	10132.859	95.501	0.000	101.359	0.000	95.441	0.000	0.000	101.833	48.354	83.598	MWD+IFR1+MS
21300.000	89.340	89.880	10134.007	96.252	0.000	102.097	0.000	96.193	0.000	0.000	102.566	48.448	83.657	MWD+IFR1+MS
21400.000	89.340	89.880	10135.154	96.998	0.000	102.877	0.000	96.938	0.000	0.000	103.342	48.543	83.721	MWD+IFR1+MS
21500.000	89.340	89.880	10136.302	97.753	0.000	103.604	0.000	97.693	0.000	0.000	104.065	48.636	83.775	MWD+IFR1+MS
21600.000	89.340	89.880	10137.450	98.502	0.000	104.373	0.000	98.443	0.000	0.000	104.830	48.730	83.834	MWD+IFR1+MS
21700.000	89.340	89.880	10138.597	99.256	0.000	105.137	0.000	99.197	0.000	0.000	105.590	48.834	83.892	MWD+IFR1+MS
21800.000	89.340	89.880	10139.745	100.003	0.000	105.896	0.000	99.945	0.000	0.000	106.344	48.927	83.947	MWD+IFR1+MS
21900.000	89.340	89.880	10140.893	100.756	0.000	106.649	0.000	100.698	0.000	0.000	107.094	49.030	84.000	MWD+IFR1+MS
22000.000	89.340	89.880	10142.041	101.498	0.000	107.396	0.000	101.440	0.000	0.000	107.838	49.123	84.052	MWD+IFR1+MS
22100.000	89.340	89.880	10143.188	102.234	0.000	108.185	0.000	102.176	0.000	0.000	108.622	49.226	84.108	MWD+IFR1+MS
22200.000	89.340	89.880	10144.336	103.014	0.000	108.922	0.000	102.956	0.000	0.000	109.356	49.328	84.157	MWD+IFR1+MS
22300.000	89.340	89.880	10145.484	103.739	0.000	109.700	0.000	103.682	0.000	0.000	110.130	49.421	84.210	MWD+IFR1+MS
22400.000	89.340	89.880	10146.631	104.508	0.000	110.472	0.000	104.451	0.000	0.000	110.898	49.523	84.261	MWD+IFR1+MS
22500.000	89.340	89.880	10147.779	105.271	0.000	111.239	0.000	105.214	0.000	0.000	111.662	49.625	84.310	MWD+IFR1+MS
22600.000	89.340	89.880	10148.927	106.028	0.000	112.001	0.000	105.972	0.000	0.000	112.420	49.726	84.357	MWD+IFR1+MS
22693.000	89.340	89.880	10150.000	106.733	0.000	112.713	0.000	106.677	0.000	0.000	113.129	49.829	84.404	MWD+IFR1+MS

Plan Targets

JRU DI11 Ekalaka 824H

Measured Depth

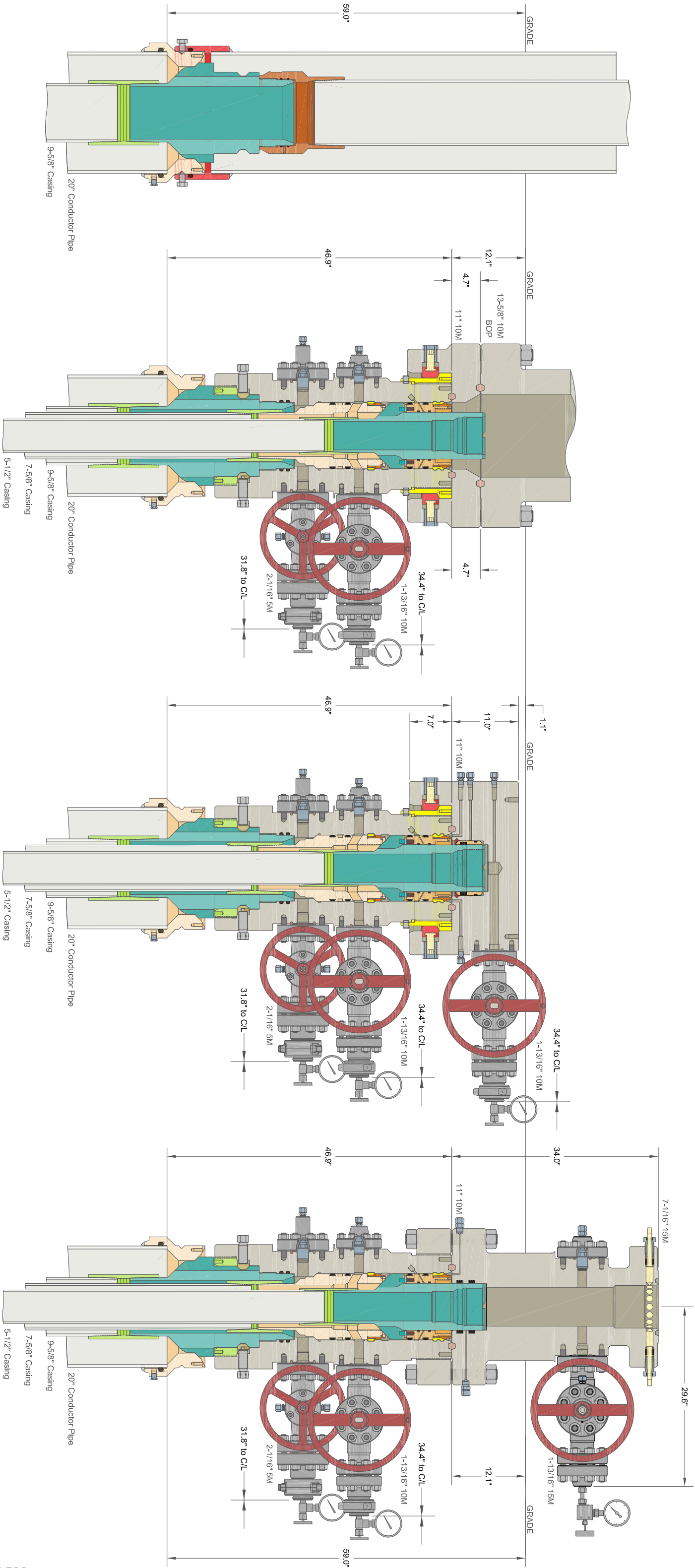
Grid Northing

Grid Easting

TVD MSL

Target Shape

Target Name	(ft)	(ft)	(ft)	(ft)	
FTP 44	10991.34	508286.70	634100.00	6568.00	RECTANGLE
Rev 2 FTP 8	10669.33	508174.00	634100.00	6870.00	CIRCLE
Rev 2 BHL 8	22693.52	508198.68	646123.34	7008.00	CIRCLE
BHL 44	23146.56	508308.75	646122.73	6568.00	RECTANGLE



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
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

DRAWN	DLE	18JAN21
APPRV		

DRAWING NO. HBE0000479

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 385927

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 385927
	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