

Well Name: CORRAL 17-8 FED COM	Well Location: T25S / R29E / SEC 17 / SESW / 32.123884 / -104.008117	County or Parish/State: EDDY / NM
Well Number: 124H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM96848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001555154	Operator: XTO ENERGY INCORPORATED	

Notice of Intent

Sundry ID: 2797620

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 06/27/2024	Time Sundry Submitted: 12:45
Date proposed operation will begin: 08/16/2024	

**Procedure Description:** This request is for the well formally known as CORRAL CANYON 17-8 FEDERAL 124H and currently CORRAL 17-8 FED COM 124H. The API number for this well is 30-015-55154. XTO Energy Incorporated respectfully requests approval to make the following changes to the approved APD. Changes to include LTP, Casing sizes, Cement, Proposed total Depth, and formation (Pool). FROM: TO: LTP: 2448' FSL & 2430' FEL OF SECTION 8-T25S-R29E 2548' FSL & 2430' FEL OF SECTION 8-T25S-R29E The proposed total depth is changing from 18141' MD; 10185' TVD (Purple Sage/Wolfcamp) to 18308' MD; 10186' TVD (Wolfcamp A). A saturated salt brine will be utilized while drilling through the salt formations. See attached Drilling Plan for updated cement and casing program. Attachments: C-102, Drilling Plan, Directional Plan, MBS, Well Control Plan, Freedom HTQ semi premium, Talon HTQ semi flush, and Flex hose.

NOI Attachments

Procedure Description

Corral\_17\_8\_Fed\_Com\_124H\_\_\_BLM\_APD\_Change\_Sundry\_Attachments\_20240813110805.pdf

Received by OCD: 8/14/2024 12:50:33 PMPage 2 of 34

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Lease Number: NMNM96848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001555154	Operator: XTO ENERGY INCORPORATED	

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: JENA AUSTIN	Signed on: AUG 13, 2024 11:08 AM
Name: XTO ENERGY INCORPORATED	
Title: Regulatory Analyst	
Street Address: 22777 SPRINGWOODS VILLAGE PARKWAY	
City: SPRING	State: TX
Phone: (346) 335-5295	
Email address: JENA.N.AUSTIN@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: 08/14/2024
Signature: Chris Walls	

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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)

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

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

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

A saturated salt brine will be utilized while drilling through the salt formations.

See attached Drilling Plan for updated cement and casing program.

Attachments: C-102, Drilling Plan, Directional Plan, MBS, Well Control Plan, Freedom HTQ semi premium, Talon HTQ semi flush, and Flex hose.

### Location of Well

0. SHL: SESW / 374 FSL / 2176 FWL / TWSP: 25S / RANGE: 29E / SECTION: 17 / LAT: 32.123884 / LONG: -104.008117 ( TVD: 0 feet, MD: 0 feet )

PPP: SWSE / 330 FSL / 2430 FEL / TWSP: 25S / RANGE: 29E / SECTION: 17 / LAT: 32.123735 / LONG: -104.005875 ( TVD: 10185 feet, MD: 10600 feet )

BHL: NWSE / 2598 FSL / 2430 FEL / TWSP: 25S / RANGE: 29E / SECTION: 8 / LAT: 32.144554 / LONG: -104.005905 ( TVD: 10185 feet, MD: 18141 feet )

CONFIDENTIAL

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

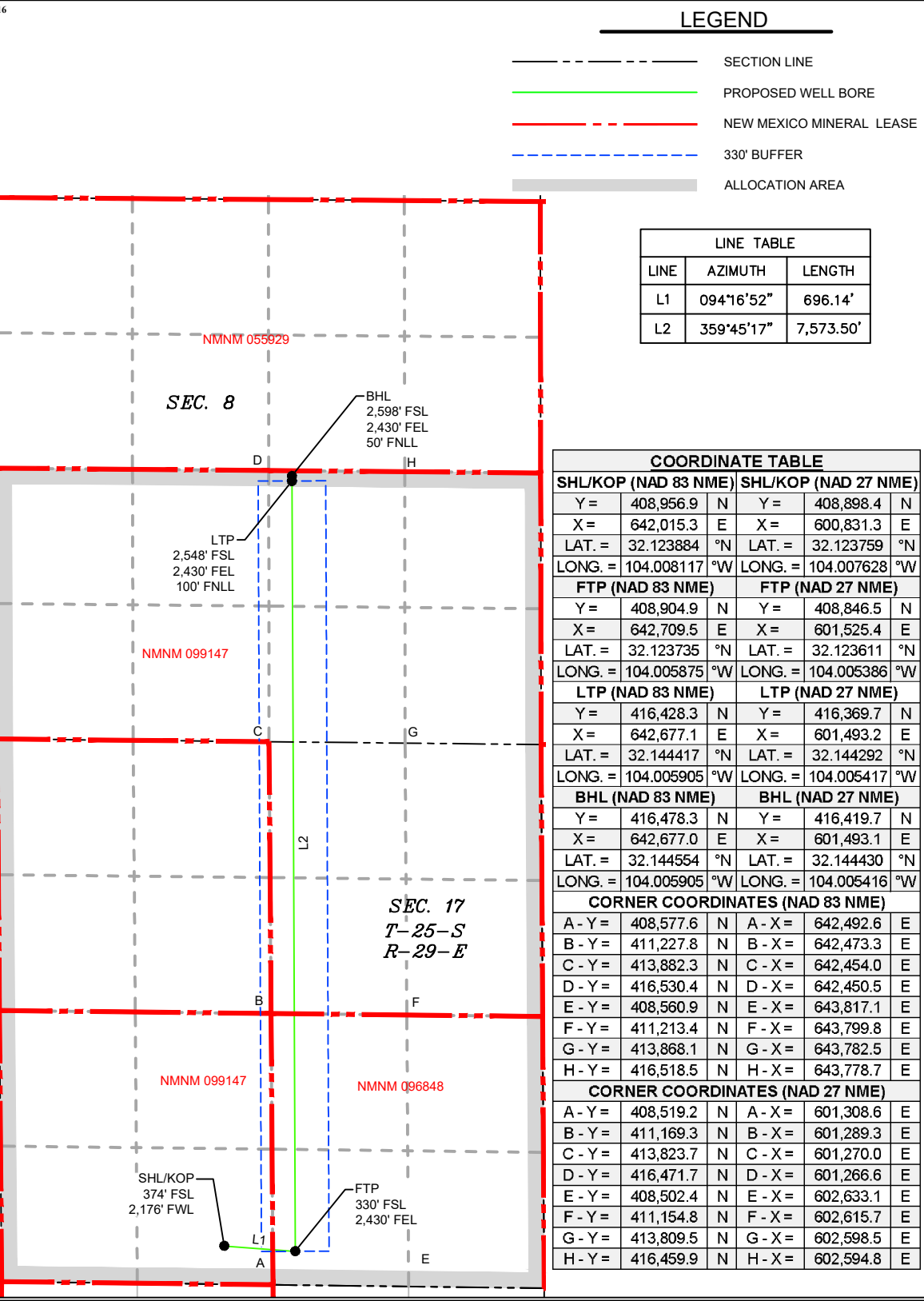
<sup>1</sup> API Number 30-015-55154	<sup>2</sup> Pool Code 98220	<sup>3</sup> Pool Name PURPLE SAGE, WOLFCAMP (GAS)
<sup>4</sup> Property Code	<sup>5</sup> Property Name CORRAL 17-8 FED COM	<sup>6</sup> Well Number 124H
<sup>7</sup> OGRID No. 005380	<sup>8</sup> Operator Name XTO ENERGY, INC	<sup>9</sup> Elevation 2,969'

<sup>10</sup> Surface Location									
UL or lot no. N	Section 17	Township 25 S	Range 29 E	Lot Idn	Feet from the 374	North/South line SOUTH	Feet from the 2,176	East/West line WEST	County EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no. J	Section 8	Township 25 S	Range 29 E	Lot Idn	Feet from the 2,598	North/South line SOUTH	Feet from the 2,430	East/West line EAST	County EDDY

<sup>12</sup> Dedicated Acres 960.00	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



**17 OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Jena Austin* 7/11/2024  
Signature Date

Jena Austin  
Printed Name

jena.n.austin@exxonmobil.com  
E-mail Address

**18 SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

4/11/2024  
Date of Survey

Signature and Seal of Professional Surveyor:



Intent ☒ As Drilled ☐

API # <b>30015</b>		
Operator Name: <b>XTO ENERGY, INC</b>	Property Name: <b>CORRAL 17-8 FED COM</b>	Well Number <b>124H</b>

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

## First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	17	25S	29E		330	South	2,430	East	Eddy
Latitude <b>32.123735</b>					Longitude <b>104.005875</b>				NAD <b>83</b>

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
J	8	25S	29E		2,548	South	2,430	East	Eddy
Latitude <b>32.144417</b>					Longitude <b>104.005905</b>				NAD <b>83</b>

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



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

XTO Energy Inc.

CORRAL 17 - 8 FED COM 124H

Projected TD: 18308.34' MD / 10186' TVD

SHL: 374' FSL & 2176' FWL , Section 17, T25S, R29E

BHL: 2598' FSL & 2430' FEL , Section 8, T25S, R29E

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
Top of Salt	609'	Water
Base of Salt	2714'	Water
Delaware	2914'	Water
Brushy Canyon	5410'	Water/Oil/Gas
Bone Spring	6653'	Water
1st Bone Spring	7427'	Water/Oil/Gas
2nd Bone Spring	7864'	Water/Oil/Gas
3rd Bone Spring	8684'	Water/Oil/Gas
Wolfcamp	9842'	Water/Oil/Gas
Wolfcamp X	9866'	Water/Oil/Gas
Wolfcamp Y	9943'	Water/Oil/Gas
Wolfcamp A	9986'	Water/Oil/Gas
<b>Target/Land Curve</b>	<b>10186'</b>	Water/Oil/Gas

\*\*\* Hydrocarbons @ Brushy Canyon

\*\*\* Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 9.625 inch casing @ 574' (35' above the salt) and circulating cement back to surface. The intermediate will isolate from the top of salt down to the next casing seat by setting 7.625 inch casing at 9410.07' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 18308.34 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 9110.07 feet).

**3. Casing Design**

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 574'	9.625	40	J-55	BTC	New	1.69	10.84	27.44
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.64	2.86	2.00
8.75	4000' – 9410.07'	7.625	29.7	HC L-80	Flush Joint	New	1.92	2.44	2.53
6.75	0' – 9310.07'	5.5	20	RY P-110	Semi-Premium	New	1.26	2.08	2.39
6.75	9310.07' - 18308.34'	5.5	20	RY P-110	Semi-Flush	New	1.26	1.91	2.39

· XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry





**Wellhead:**

*Permanent Wellhead – Multibowl System*

#### 4. Cement Program

##### **Surface Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 574'**

Lead: 90 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft<sup>3</sup>/sx, 10.13 gal/sx water)

Tail: 130 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft<sup>3</sup>/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 +/- 9410.07'**

###### 1st Stage

Optional Lead: 290 sxs Class C (mixed at 10.5 ppg, 2.77 ft<sup>3</sup>/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 370 sxs Class C (mixed at 14.8 ppg, 1.35 ft<sup>3</sup>/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 5410

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

###### 2nd Stage

Lead: 0 sxs Class C (mixed at 12.9 ppg, 2.16 ft<sup>3</sup>/sx, 9.61 gal/sx water)

Tail: 610 sxs Class C (mixed at 14.8 ppg, 1.33 ft<sup>3</sup>/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 (5410') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement inside the first intermediate casing. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

##### **Production Casing: 5.5, 20 New Semi-Flush, RY P-110 casing to be set at +/- 18308.34'**

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft<sup>3</sup>/sx, 15.00 gal/sx water) Top of Cement: 9110.07 feet

Tail: 620 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft<sup>3</sup>/sx, 8.38 gal/sx water) Top of Cement: 9610.07 feet

Compressives: 12-hr = 800 psi 24 hr = 1500 psi

XTO requests the option to offline cement and remediate (if needed) surface and intermediate casing strings where batch drilling is approved and if unplanned remediation is needed. XTO will ensure well is static with no pressure on the csg annulus, as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed when applicable per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence.

## 5. Pressure Control Equipment

Once the permanent WH is installed on the surface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril and a 10M Double Ram BOP.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the rated working pressure. When nipping up on the 9.625, 10M bradenhead and flange, the BOP test will be limited to 10000 psi. When nipping up on the 7.625, the BOP will be tested to a minimum of 10000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 10M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each week.

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. 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)	Additional Comments
0' - 574'	12.25	FW/Native	8.5-9	35-40	NC	Fresh water or Native water
574' - 9410.07'	8.75	Saturated brine for salt interval / direct Emulsion	10-10.5	30-32	NC	Fully saturated salt across salado / salt
9410.07' - 18308.34'	6.75	OBM	11-11.5	50-60	NC - 20	N/A

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 surface casing with Saturated Salt solution. Saturated Salt mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

## 7. Auxiliary Well Control and Monitoring Equipment

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 9.625 casing.

## 8. Logging, Coring and Testing Program

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 5826 psi.

## 10. Anticipated Starting Date and Duration of Operations

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

# Well Plan Report - Corral 17-8 Fed Com 124H

Measured Depth: 18308.34 ft

TVD RKB: 10186.00 ft

## Location

Cartographic Reference System: New Mexico East - NAD 27

Northing: 408898.40 ft

Easting: 600831.30 ft

RKB: 3002.00 ft

Ground Level: 2969.00 ft

North Reference: Grid

Convergence Angle: 0.17 Deg

## Plan Sections

Corral 17-8 Fed Com 124H

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			
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00			
1934.55	16.69	137.77	1922.80	-89.37	81.12	2.00	0.00	2.00			
4705.71	16.69	137.77	4577.20	-678.72	616.04	0.00	0.00	0.00			
5540.26	0.00	0.00	5400.00	-768.09	697.17	-2.00	0.00	2.00			
9610.07	0.00	0.00	9469.80	-768.09	697.17	0.00	0.00	0.00			
10735.06	90.00	359.75	10186.00	-51.90	694.10	8.00	0.00	8.00	124H FTP		
18258.33	90.00	359.75	10186.00	7471.30	661.90	0.00	0.00	0.00	124H LTP		
18308.34	90.00	359.75	10186.00	7521.31	661.69	0.00	0.00	0.00	124H BHL		

## Position Uncertainty

Corral 17-8 Fed Com 124H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Semi-minor	Tool
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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	0.000	0.000	0.000	0.000	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.358	0.000	0.179	0.000	2.300	0.000	0.000	0.358	0.179	90.000	XOM_R2OWSG MWD+IFR1+MS
200.000	0.000	0.000	200.000	0.717	0.000	0.538	0.000	2.309	0.000	0.000	0.717	0.538	90.000	XOM_R2OWSG MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.075	0.000	0.896	0.000	2.324	0.000	0.000	1.075	0.896	90.000	XOM_R2OWSG MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.434	0.000	1.255	0.000	2.345	0.000	0.000	1.434	1.255	90.000	XOM_R2OWSG MWD+IFR1+MS
500.000	0.000	0.000	500.000	1.792	0.000	1.613	0.000	2.372	0.000	0.000	1.792	1.613	90.000	XOM_R2OWSG MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.151	0.000	1.972	0.000	2.403	0.000	0.000	2.151	1.972	90.000	XOM_R2OWSG MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.509	0.000	2.330	0.000	2.439	0.000	0.000	2.509	2.330	90.000	XOM_R2OWSG MWD+IFR1+MS
800.000	0.000	0.000	800.000	2.868	0.000	2.689	0.000	2.480	0.000	0.000	2.868	2.689	90.000	XOM_R2OWSG MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.226	0.000	3.047	0.000	2.525	0.000	0.000	3.226	3.047	90.000	XOM_R2OWSG MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	3.585	0.000	3.405	0.000	2.573	0.000	0.000	3.585	3.405	90.000	XOM_R2OWSG MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	3.943	0.000	3.764	0.000	2.626	0.000	0.000	3.943	3.764	90.000	XOM_R2OWSG MWD+IFR1+MS
1200.000	2.000	137.771	1199.980	4.204	0.000	4.189	-0.000	2.681	0.000	0.000	4.287	4.107	90.004	XOM_R2OWSG MWD+IFR1+MS
1300.000	4.000	137.771	1299.838	4.528	0.000	4.520	-0.000	2.737	0.000	0.000	4.619	4.437	89.898	XOM_R2OWSG MWD+IFR1+MS
1400.000	6.000	137.771	1399.452	4.852	0.000	4.856	-0.000	2.795	0.000	0.000	4.957	4.772	89.878	XOM_R2OWSG MWD+IFR1+MS
1500.000	8.000	137.771	1498.702	5.174	0.000	5.197	-0.000	2.853	0.000	0.000	5.298	5.111	90.098	XOM_R2OWSG MWD+IFR1+MS
1600.000	10.000	137.771	1597.465	5.494	0.000	5.543	-0.000	2.913	0.000	0.000	5.644	5.455	90.699	XOM_R2OWSG MWD+IFR1+MS
1700.000	12.000	137.771	1695.623	5.812	0.000	5.896	-0.000	2.976	0.000	0.000	5.993	5.803	91.821	XOM_R2OWSG MWD+IFR1+MS
1800.000	14.000	137.771	1793.055	6.128	0.000	6.255	-0.000	3.042	0.000	0.000	6.348	6.156	93.614	XOM_R2OWSG MWD+IFR1+MS



1900.000	16.000	137.771	1889.643	6.444	0.000	6.623	-0.000	3.112	0.000	0.000	6.707	6.513	96.228	XOM_R2OWSG MWD+IFR1+MS
1934.548	16.691	137.771	1922.795	6.552	0.000	6.751	-0.000	3.132	0.000	0.000	6.834	6.639	96.895	XOM_R2OWSG MWD+IFR1+MS
2000.000	16.691	137.771	1985.489	6.790	0.000	6.998	-0.000	3.189	0.000	0.000	7.073	6.875	99.596	XOM_R2OWSG MWD+IFR1+MS
2100.000	16.691	137.771	2081.276	7.157	0.000	7.381	-0.000	3.285	0.000	0.000	7.444	7.237	104.084	XOM_R2OWSG MWD+IFR1+MS
2200.000	16.691	137.771	2177.063	7.529	0.000	7.770	-0.000	3.386	0.000	0.000	7.823	7.603	108.306	XOM_R2OWSG MWD+IFR1+MS
2300.000	16.691	137.771	2272.850	7.905	0.000	8.164	-0.000	3.490	0.000	0.000	8.208	7.970	112.131	XOM_R2OWSG MWD+IFR1+MS
2400.000	16.691	137.771	2368.637	8.285	0.000	8.562	-0.000	3.599	0.000	0.000	8.599	8.340	115.502	XOM_R2OWSG MWD+IFR1+MS
2500.000	16.691	137.771	2464.423	8.667	0.000	8.963	-0.000	3.711	0.000	0.000	8.994	8.711	118.421	XOM_R2OWSG MWD+IFR1+MS
2600.000	16.691	137.771	2560.210	9.052	0.000	9.368	-0.000	3.827	0.000	0.000	9.394	9.084	120.926	XOM_R2OWSG MWD+IFR1+MS
2700.000	16.691	137.771	2655.997	9.440	0.000	9.776	-0.000	3.946	0.000	0.000	9.797	9.458	123.071	XOM_R2OWSG MWD+IFR1+MS
2800.000	16.691	137.771	2751.784	9.829	0.000	10.185	-0.000	4.068	0.000	0.000	10.204	9.834	124.908	XOM_R2OWSG MWD+IFR1+MS
2900.000	16.691	137.771	2847.571	10.220	0.000	10.598	-0.000	4.193	0.000	0.000	10.613	10.211	126.489	XOM_R2OWSG MWD+IFR1+MS
3000.000	16.691	137.771	2943.358	10.613	0.000	11.011	-0.000	4.320	0.000	0.000	11.024	10.589	127.856	XOM_R2OWSG MWD+IFR1+MS
3100.000	16.691	137.771	3039.144	11.007	0.000	11.427	-0.000	4.450	0.000	0.000	11.438	10.968	129.045	XOM_R2OWSG MWD+IFR1+MS
3200.000	16.691	137.771	3134.931	11.403	0.000	11.844	-0.000	4.582	0.000	0.000	11.853	11.348	130.086	XOM_R2OWSG MWD+IFR1+MS
3300.000	16.691	137.771	3230.718	11.799	0.000	12.263	-0.000	4.716	0.000	0.000	12.270	11.729	131.002	XOM_R2OWSG MWD+IFR1+MS
3400.000	16.691	137.771	3326.505	12.197	0.000	12.682	-0.000	4.853	0.000	0.000	12.689	12.111	131.814	XOM_R2OWSG MWD+IFR1+MS
3500.000	16.691	137.771	3422.292	12.596	0.000	13.103	-0.000	4.991	0.000	0.000	13.108	12.494	132.537	XOM_R2OWSG MWD+IFR1+MS
3600.000	16.691	137.771	3518.078	12.995	0.000	13.525	-0.000	5.131	0.000	0.000	13.529	12.878	133.184	XOM_R2OWSG MWD+IFR1+MS
3700.000	16.691	137.771	3613.865	13.396	0.000	13.948	-0.000	5.274	0.000	0.000	13.951	13.262	133.766	XOM_R2OWSG MWD+IFR1+MS

3800.000	16.691	137.771	3709.652	13.797	0.000	14.371	-0.000	5.418	0.000	0.000	14.374	13.647	134.293	XOM_R2OWSG MWD+IFR1+MS
3900.000	16.691	137.771	3805.439	14.198	0.000	14.796	-0.000	5.564	0.000	0.000	14.798	14.032	134.771	XOM_R2OWSG MWD+IFR1+MS
4000.000	16.691	137.771	3901.226	14.601	0.000	15.221	-0.000	5.711	0.000	0.000	15.222	14.418	-44.793	XOM_R2OWSG MWD+IFR1+MS
4100.000	16.691	137.771	3997.012	15.003	0.000	15.647	-0.000	5.860	0.000	0.000	15.648	14.805	-44.394	XOM_R2OWSG MWD+IFR1+MS
4200.000	16.691	137.771	4092.799	15.407	0.000	16.073	-0.000	6.011	0.000	0.000	16.074	15.192	-44.028	XOM_R2OWSG MWD+IFR1+MS
4300.000	16.691	137.771	4188.586	15.810	0.000	16.500	-0.000	6.164	0.000	0.000	16.500	15.580	-43.691	XOM_R2OWSG MWD+IFR1+MS
4400.000	16.691	137.771	4284.373	16.215	0.000	16.927	-0.000	6.318	0.000	0.000	16.927	15.968	-43.379	XOM_R2OWSG MWD+IFR1+MS
4500.000	16.691	137.771	4380.160	16.619	0.000	17.355	-0.000	6.474	0.000	0.000	17.355	16.356	-43.090	XOM_R2OWSG MWD+IFR1+MS
4600.000	16.691	137.771	4475.947	17.024	0.000	17.783	-0.000	6.631	0.000	0.000	17.783	16.745	-42.821	XOM_R2OWSG MWD+IFR1+MS
4705.714	16.691	137.771	4577.205	17.453	0.000	18.236	-0.000	6.800	0.000	0.000	18.236	17.156	-42.557	XOM_R2OWSG MWD+IFR1+MS
4800.000	14.805	137.771	4667.948	17.864	0.000	18.635	-0.000	6.951	0.000	0.000	18.635	17.520	-42.346	XOM_R2OWSG MWD+IFR1+MS
4900.000	12.805	137.771	4765.054	18.273	0.000	19.046	-0.000	7.107	0.000	0.000	19.047	17.901	-42.152	XOM_R2OWSG MWD+IFR1+MS
5000.000	10.805	137.771	4862.934	18.653	0.000	19.445	-0.000	7.257	0.000	0.000	19.445	18.277	-41.986	XOM_R2OWSG MWD+IFR1+MS
5100.000	8.805	137.771	4961.468	19.003	0.000	19.831	-0.000	7.399	0.000	0.000	19.831	18.646	-41.842	XOM_R2OWSG MWD+IFR1+MS
5200.000	6.805	137.771	5060.537	19.323	0.000	20.203	-0.000	7.534	0.000	0.000	20.204	19.009	-41.718	XOM_R2OWSG MWD+IFR1+MS
5300.000	4.805	137.771	5160.019	19.611	0.000	20.563	-0.000	7.664	0.000	0.000	20.563	19.363	-41.612	XOM_R2OWSG MWD+IFR1+MS
5400.000	2.805	137.771	5259.793	19.869	0.000	20.910	-0.000	7.788	0.000	0.000	20.911	19.708	-41.522	XOM_R2OWSG MWD+IFR1+MS
5500.000	0.805	137.771	5359.739	20.095	0.000	21.245	-0.000	7.907	0.000	0.000	21.245	20.044	-41.449	XOM_R2OWSG MWD+IFR1+MS
5540.262	0.000	0.000	5400.000	20.708	0.000	20.854	0.000	7.954	0.000	0.000	21.371	20.173	-41.496	XOM_R2OWSG MWD+IFR1+MS
5600.000	0.000	0.000	5459.738	20.894	0.000	21.032	0.000	8.023	0.000	0.000	21.550	20.359	-41.672	XOM_R2OWSG MWD+IFR1+MS

5700.000	0.000	0.000	5559.738	21.207	0.000	21.331	0.000	8.141	0.000	0.000	21.851	20.671	-41.966	XOM_R2OWSG MWD+IFR1+MS
5800.000	0.000	0.000	5659.738	21.521	0.000	21.633	0.000	8.261	0.000	0.000	22.153	20.985	-42.257	XOM_R2OWSG MWD+IFR1+MS
5900.000	0.000	0.000	5759.738	21.837	0.000	21.936	0.000	8.383	0.000	0.000	22.458	21.300	-42.545	XOM_R2OWSG MWD+IFR1+MS
6000.000	0.000	0.000	5859.738	22.154	0.000	22.241	0.000	8.509	0.000	0.000	22.764	21.616	-42.830	XOM_R2OWSG MWD+IFR1+MS
6100.000	0.000	0.000	5959.738	22.472	0.000	22.547	0.000	8.637	0.000	0.000	23.071	21.934	-43.112	XOM_R2OWSG MWD+IFR1+MS
6200.000	0.000	0.000	6059.738	22.791	0.000	22.855	0.000	8.768	0.000	0.000	23.380	22.252	-43.391	XOM_R2OWSG MWD+IFR1+MS
6300.000	0.000	0.000	6159.738	23.112	0.000	23.164	0.000	8.901	0.000	0.000	23.690	22.572	-43.667	XOM_R2OWSG MWD+IFR1+MS
6400.000	0.000	0.000	6259.738	23.434	0.000	23.475	0.000	9.037	0.000	0.000	24.002	22.893	-43.941	XOM_R2OWSG MWD+IFR1+MS
6500.000	0.000	0.000	6359.738	23.756	0.000	23.787	0.000	9.176	0.000	0.000	24.315	23.215	-44.211	XOM_R2OWSG MWD+IFR1+MS
6600.000	0.000	0.000	6459.738	24.080	0.000	24.100	0.000	9.317	0.000	0.000	24.629	23.538	-44.479	XOM_R2OWSG MWD+IFR1+MS
6700.000	0.000	0.000	6559.738	24.405	0.000	24.414	0.000	9.462	0.000	0.000	24.945	23.862	-44.743	XOM_R2OWSG MWD+IFR1+MS
6800.000	0.000	0.000	6659.738	24.730	0.000	24.730	0.000	9.609	0.000	0.000	25.262	24.187	134.995	XOM_R2OWSG MWD+IFR1+MS
6900.000	0.000	0.000	6759.738	25.057	0.000	25.047	0.000	9.759	0.000	0.000	25.580	24.513	134.736	XOM_R2OWSG MWD+IFR1+MS
7000.000	0.000	0.000	6859.738	25.384	0.000	25.365	0.000	9.912	0.000	0.000	25.899	24.839	134.480	XOM_R2OWSG MWD+IFR1+MS
7100.000	0.000	0.000	6959.738	25.712	0.000	25.684	0.000	10.067	0.000	0.000	26.219	25.167	134.227	XOM_R2OWSG MWD+IFR1+MS
7200.000	0.000	0.000	7059.738	26.041	0.000	26.004	0.000	10.226	0.000	0.000	26.540	25.495	133.977	XOM_R2OWSG MWD+IFR1+MS
7300.000	0.000	0.000	7159.738	26.371	0.000	26.325	0.000	10.388	0.000	0.000	26.862	25.824	133.730	XOM_R2OWSG MWD+IFR1+MS
7400.000	0.000	0.000	7259.738	26.702	0.000	26.647	0.000	10.552	0.000	0.000	27.185	26.154	133.485	XOM_R2OWSG MWD+IFR1+MS
7500.000	0.000	0.000	7359.738	27.033	0.000	26.970	0.000	10.719	0.000	0.000	27.509	26.484	133.244	XOM_R2OWSG MWD+IFR1+MS
7600.000	0.000	0.000	7459.738	27.365	0.000	27.294	0.000	10.890	0.000	0.000	27.834	26.815	133.005	XOM_R2OWSG MWD+IFR1+MS

7700.000	0.000	0.000	7559.738	27.697	0.000	27.619	0.000	11.063	0.000	0.000	28.160	27.147	132.769	XOM_R2OWSG MWD+IFR1+MS
7800.000	0.000	0.000	7659.738	28.031	0.000	27.944	0.000	11.239	0.000	0.000	28.486	27.480	132.536	XOM_R2OWSG MWD+IFR1+MS
7900.000	0.000	0.000	7759.738	28.365	0.000	28.271	0.000	11.419	0.000	0.000	28.814	27.813	132.306	XOM_R2OWSG MWD+IFR1+MS
8000.000	0.000	0.000	7859.738	28.699	0.000	28.598	0.000	11.601	0.000	0.000	29.142	28.146	132.078	XOM_R2OWSG MWD+IFR1+MS
8100.000	0.000	0.000	7959.738	29.034	0.000	28.925	0.000	11.786	0.000	0.000	29.471	28.481	131.853	XOM_R2OWSG MWD+IFR1+MS
8200.000	0.000	0.000	8059.738	29.370	0.000	29.254	0.000	11.974	0.000	0.000	29.800	28.815	131.631	XOM_R2OWSG MWD+IFR1+MS
8300.000	0.000	0.000	8159.738	29.706	0.000	29.583	0.000	12.166	0.000	0.000	30.130	29.151	131.412	XOM_R2OWSG MWD+IFR1+MS
8400.000	0.000	0.000	8259.738	30.042	0.000	29.913	0.000	12.360	0.000	0.000	30.461	29.486	131.195	XOM_R2OWSG MWD+IFR1+MS
8500.000	0.000	0.000	8359.738	30.379	0.000	30.244	0.000	12.558	0.000	0.000	30.793	29.823	130.981	XOM_R2OWSG MWD+IFR1+MS
8600.000	0.000	0.000	8459.738	30.717	0.000	30.575	0.000	12.758	0.000	0.000	31.125	30.160	130.769	XOM_R2OWSG MWD+IFR1+MS
8700.000	0.000	0.000	8559.738	31.055	0.000	30.907	0.000	12.962	0.000	0.000	31.458	30.497	130.560	XOM_R2OWSG MWD+IFR1+MS
8800.000	0.000	0.000	8659.738	31.394	0.000	31.239	0.000	13.168	0.000	0.000	31.791	30.835	130.354	XOM_R2OWSG MWD+IFR1+MS
8900.000	0.000	0.000	8759.738	31.732	0.000	31.572	0.000	13.378	0.000	0.000	32.125	31.173	130.150	XOM_R2OWSG MWD+IFR1+MS
9000.000	0.000	0.000	8859.738	32.072	0.000	31.906	0.000	13.591	0.000	0.000	32.459	31.511	129.949	XOM_R2OWSG MWD+IFR1+MS
9100.000	0.000	0.000	8959.738	32.412	0.000	32.240	0.000	13.807	0.000	0.000	32.794	31.850	129.750	XOM_R2OWSG MWD+IFR1+MS
9200.000	0.000	0.000	9059.738	32.752	0.000	32.574	0.000	14.026	0.000	0.000	33.130	32.190	129.554	XOM_R2OWSG MWD+IFR1+MS
9300.000	0.000	0.000	9159.738	33.092	0.000	32.909	0.000	14.248	0.000	0.000	33.466	32.530	129.360	XOM_R2OWSG MWD+IFR1+MS
9400.000	0.000	0.000	9259.738	33.433	0.000	33.245	0.000	14.474	0.000	0.000	33.802	32.870	129.169	XOM_R2OWSG MWD+IFR1+MS
9500.000	0.000	0.000	9359.738	33.775	0.000	33.581	0.000	14.702	0.000	0.000	34.139	33.210	128.979	XOM_R2OWSG MWD+IFR1+MS
9600.000	0.000	0.000	9459.738	34.116	0.000	33.917	0.000	14.933	0.000	0.000	34.477	33.551	128.793	XOM_R2OWSG MWD+IFR1+MS

9610.065	0.000	0.000	9469.803	34.151	0.000	33.951	0.000	14.957	0.000	0.000	34.511	33.585	128.774	XOM_R2OWSG MWD+IFR1+MS
9700.000	7.195	359.754	9559.502	33.926	0.000	34.252	0.000	15.163	0.000	0.000	34.808	33.883	128.746	XOM_R2OWSG MWD+IFR1+MS
9800.000	15.195	359.754	9657.519	33.159	0.000	34.566	0.000	15.383	0.000	0.000	35.123	34.189	129.053	XOM_R2OWSG MWD+IFR1+MS
9900.000	23.195	359.754	9751.883	31.870	0.000	34.860	0.000	15.591	0.000	0.000	35.412	34.464	129.829	XOM_R2OWSG MWD+IFR1+MS
10000.000	31.195	359.754	9840.757	30.113	0.000	35.130	0.000	15.788	0.000	0.000	35.672	34.705	131.116	XOM_R2OWSG MWD+IFR1+MS
10100.000	39.195	359.754	9922.410	27.967	0.000	35.376	0.000	15.978	0.000	0.000	35.899	34.910	132.891	XOM_R2OWSG MWD+IFR1+MS
10200.000	47.195	359.754	9995.254	25.544	0.000	35.595	0.000	16.167	0.000	0.000	36.092	35.080	-44.911	XOM_R2OWSG MWD+IFR1+MS
10300.000	55.195	359.754	10057.871	23.005	0.000	35.789	0.000	16.361	0.000	0.000	36.252	35.215	-42.386	XOM_R2OWSG MWD+IFR1+MS
10400.000	63.195	359.754	10109.041	20.575	0.000	35.958	0.000	16.568	0.000	0.000	36.383	35.319	-39.655	XOM_R2OWSG MWD+IFR1+MS
10500.000	71.195	359.754	10147.770	18.560	0.000	36.102	0.000	16.795	0.000	0.000	36.486	35.396	-36.857	XOM_R2OWSG MWD+IFR1+MS
10600.000	79.195	359.754	10173.302	17.328	0.000	36.222	0.000	17.047	0.000	0.000	36.564	35.454	-34.149	XOM_R2OWSG MWD+IFR1+MS
10700.000	87.195	359.754	10185.142	17.191	0.000	36.319	0.000	17.323	0.000	0.000	36.621	35.499	-31.703	XOM_R2OWSG MWD+IFR1+MS
10735.060	90.000	359.754	10186.000	17.426	0.000	36.345	0.000	17.426	0.000	0.000	36.634	35.513	-30.981	XOM_R2OWSG MWD+IFR1+MS
10800.000	90.000	359.754	10186.000	17.624	0.000	36.397	0.000	17.624	0.000	0.000	36.662	35.540	-29.526	XOM_R2OWSG MWD+IFR1+MS
10900.000	90.000	359.754	10186.000	17.954	0.000	36.496	0.000	17.954	0.000	0.000	36.723	35.582	-26.903	XOM_R2OWSG MWD+IFR1+MS
11000.000	90.000	359.754	10186.000	18.312	0.000	36.617	0.000	18.312	0.000	0.000	36.806	35.624	-24.017	XOM_R2OWSG MWD+IFR1+MS
11100.000	90.000	359.754	10186.000	18.695	0.000	36.758	0.000	18.695	0.000	0.000	36.913	35.664	-21.040	XOM_R2OWSG MWD+IFR1+MS
11200.000	90.000	359.754	10186.000	19.104	0.000	36.920	0.000	19.104	0.000	0.000	37.044	35.700	-18.141	XOM_R2OWSG MWD+IFR1+MS
11300.000	90.000	359.754	10186.000	19.535	0.000	37.101	0.000	19.535	0.000	0.000	37.201	35.732	-15.453	XOM_R2OWSG MWD+IFR1+MS
11400.000	90.000	359.754	10186.000	19.988	0.000	37.303	0.000	19.988	0.000	0.000	37.381	35.761	-13.051	XOM_R2OWSG MWD+IFR1+MS

11500.000	90.000	359.754	10186.000	20.461	0.000	37.525	0.000	20.461	0.000	0.000	37.585	35.786	-10.962	XOM_R2OWSG MWD+IFR1+MS
11600.000	90.000	359.754	10186.000	20.952	0.000	37.765	0.000	20.952	0.000	0.000	37.812	35.808	-9.178	XOM_R2OWSG MWD+IFR1+MS
11700.000	90.000	359.754	10186.000	21.461	0.000	38.025	0.000	21.461	0.000	0.000	38.061	35.828	-7.671	XOM_R2OWSG MWD+IFR1+MS
11800.000	90.000	359.754	10186.000	21.987	0.000	38.303	0.000	21.987	0.000	0.000	38.330	35.847	-6.404	XOM_R2OWSG MWD+IFR1+MS
11900.000	90.000	359.754	10186.000	22.527	0.000	38.599	0.000	22.527	0.000	0.000	38.620	35.864	-5.341	XOM_R2OWSG MWD+IFR1+MS
12000.000	90.000	359.754	10186.000	23.081	0.000	38.912	0.000	23.081	0.000	0.000	38.928	35.880	-4.448	XOM_R2OWSG MWD+IFR1+MS
12100.000	90.000	359.754	10186.000	23.649	0.000	39.243	0.000	23.649	0.000	0.000	39.255	35.896	-3.698	XOM_R2OWSG MWD+IFR1+MS
12200.000	90.000	359.754	10186.000	24.228	0.000	39.591	0.000	24.228	0.000	0.000	39.600	35.912	-3.065	XOM_R2OWSG MWD+IFR1+MS
12300.000	90.000	359.754	10186.000	24.819	0.000	39.955	0.000	24.819	0.000	0.000	39.961	35.927	-2.529	XOM_R2OWSG MWD+IFR1+MS
12400.000	90.000	359.754	10186.000	25.421	0.000	40.336	0.000	25.421	0.000	0.000	40.340	35.943	-2.075	XOM_R2OWSG MWD+IFR1+MS
12500.000	90.000	359.754	10186.000	26.032	0.000	40.731	0.000	26.032	0.000	0.000	40.734	35.959	-1.687	XOM_R2OWSG MWD+IFR1+MS
12600.000	90.000	359.754	10186.000	26.652	0.000	41.142	0.000	26.652	0.000	0.000	41.144	35.975	-1.355	XOM_R2OWSG MWD+IFR1+MS
12700.000	90.000	359.754	10186.000	27.281	0.000	41.567	0.000	27.281	0.000	0.000	41.568	35.991	-1.070	XOM_R2OWSG MWD+IFR1+MS
12800.000	90.000	359.754	10186.000	27.917	0.000	42.007	0.000	27.917	0.000	0.000	42.007	36.008	-0.825	XOM_R2OWSG MWD+IFR1+MS
12900.000	90.000	359.754	10186.000	28.561	0.000	42.460	0.000	28.561	0.000	0.000	42.460	36.026	-0.613	XOM_R2OWSG MWD+IFR1+MS
13000.000	90.000	359.754	10186.000	29.212	0.000	42.926	0.000	29.212	0.000	0.000	42.926	36.043	-0.430	XOM_R2OWSG MWD+IFR1+MS
13100.000	90.000	359.754	10186.000	29.870	0.000	43.406	0.000	29.870	0.000	0.000	43.406	36.062	-0.271	XOM_R2OWSG MWD+IFR1+MS
13200.000	90.000	359.754	10186.000	30.533	0.000	43.897	0.000	30.533	0.000	0.000	43.897	36.081	-0.133	XOM_R2OWSG MWD+IFR1+MS
13300.000	90.000	359.754	10186.000	31.202	0.000	44.401	0.000	31.202	0.000	0.000	44.401	36.100	-0.012	XOM_R2OWSG MWD+IFR1+MS
13400.000	90.000	359.754	10186.000	31.876	0.000	44.917	0.000	31.876	0.000	0.000	44.917	36.121	0.093	XOM_R2OWSG MWD+IFR1+MS



13500.000	90.000	359.754	10186.000	32.555	0.000	45.443	0.000	32.555	0.000	0.000	45.444	36.141	0.185	XOM_R2OWSG MWD+IFR1+MS
13600.000	90.000	359.754	10186.000	33.239	0.000	45.981	0.000	33.239	0.000	0.000	45.981	36.163	0.266	XOM_R2OWSG MWD+IFR1+MS
13700.000	90.000	359.754	10186.000	33.927	0.000	46.529	0.000	33.927	0.000	0.000	46.530	36.185	0.336	XOM_R2OWSG MWD+IFR1+MS
13800.000	90.000	359.754	10186.000	34.620	0.000	47.087	0.000	34.620	0.000	0.000	47.088	36.207	0.398	XOM_R2OWSG MWD+IFR1+MS
13900.000	90.000	359.754	10186.000	35.316	0.000	47.654	0.000	35.316	0.000	0.000	47.656	36.231	0.452	XOM_R2OWSG MWD+IFR1+MS
14000.000	90.000	359.754	10186.000	36.016	0.000	48.231	0.000	36.016	0.000	0.000	48.233	36.255	0.500	XOM_R2OWSG MWD+IFR1+MS
14100.000	90.000	359.754	10186.000	36.719	0.000	48.818	0.000	36.719	0.000	0.000	48.820	36.279	0.541	XOM_R2OWSG MWD+IFR1+MS
14200.000	90.000	359.754	10186.000	37.426	0.000	49.413	0.000	37.426	0.000	0.000	49.415	36.304	0.578	XOM_R2OWSG MWD+IFR1+MS
14300.000	90.000	359.754	10186.000	38.135	0.000	50.016	0.000	38.135	0.000	0.000	50.019	36.330	0.609	XOM_R2OWSG MWD+IFR1+MS
14400.000	90.000	359.754	10186.000	38.848	0.000	50.628	0.000	38.848	0.000	0.000	50.630	36.357	0.637	XOM_R2OWSG MWD+IFR1+MS
14500.000	90.000	359.754	10186.000	39.563	0.000	51.247	0.000	39.563	0.000	0.000	51.250	36.384	0.661	XOM_R2OWSG MWD+IFR1+MS
14600.000	90.000	359.754	10186.000	40.281	0.000	51.874	0.000	40.281	0.000	0.000	51.877	36.412	0.682	XOM_R2OWSG MWD+IFR1+MS
14700.000	90.000	359.754	10186.000	41.001	0.000	52.508	0.000	41.001	0.000	0.000	52.512	36.440	0.700	XOM_R2OWSG MWD+IFR1+MS
14800.000	90.000	359.754	10186.000	41.724	0.000	53.149	0.000	41.724	0.000	0.000	53.153	36.470	0.716	XOM_R2OWSG MWD+IFR1+MS
14900.000	90.000	359.754	10186.000	42.448	0.000	53.797	0.000	42.448	0.000	0.000	53.801	36.499	0.729	XOM_R2OWSG MWD+IFR1+MS
15000.000	90.000	359.754	10186.000	43.175	0.000	54.452	0.000	43.175	0.000	0.000	54.456	36.530	0.741	XOM_R2OWSG MWD+IFR1+MS
15100.000	90.000	359.754	10186.000	43.904	0.000	55.113	0.000	43.904	0.000	0.000	55.117	36.561	0.750	XOM_R2OWSG MWD+IFR1+MS
15200.000	90.000	359.754	10186.000	44.635	0.000	55.779	0.000	44.635	0.000	0.000	55.784	36.593	0.758	XOM_R2OWSG MWD+IFR1+MS
15300.000	90.000	359.754	10186.000	45.368	0.000	56.452	0.000	45.368	0.000	0.000	56.457	36.625	0.765	XOM_R2OWSG MWD+IFR1+MS
15400.000	90.000	359.754	10186.000	46.102	0.000	57.131	0.000	46.102	0.000	0.000	57.136	36.658	0.770	XOM_R2OWSG MWD+IFR1+MS



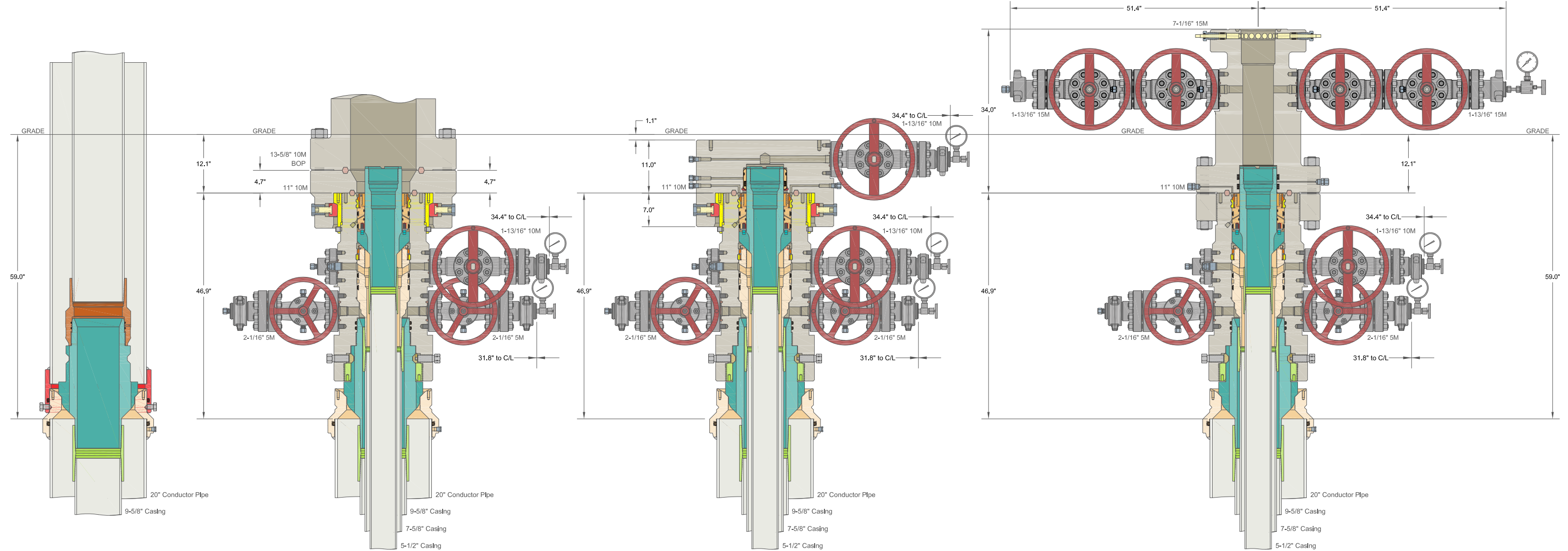
15500.000	90.000	359.754	10186.000	46.838	0.000	57.815	0.000	46.838	0.000	0.000	57.820	36.692	0.774	XOM_R2OWSG MWD+IFR1+MS
15600.000	90.000	359.754	10186.000	47.575	0.000	58.504	0.000	47.575	0.000	0.000	58.509	36.726	0.777	XOM_R2OWSG MWD+IFR1+MS
15700.000	90.000	359.754	10186.000	48.314	0.000	59.198	0.000	48.314	0.000	0.000	59.204	36.761	0.779	XOM_R2OWSG MWD+IFR1+MS
15800.000	90.000	359.754	10186.000	49.055	0.000	59.897	0.000	49.055	0.000	0.000	59.903	36.797	0.780	XOM_R2OWSG MWD+IFR1+MS
15900.000	90.000	359.754	10186.000	49.796	0.000	60.601	0.000	49.796	0.000	0.000	60.607	36.833	0.781	XOM_R2OWSG MWD+IFR1+MS
16000.000	90.000	359.754	10186.000	50.540	0.000	61.309	0.000	50.540	0.000	0.000	61.316	36.870	0.781	XOM_R2OWSG MWD+IFR1+MS
16100.000	90.000	359.754	10186.000	51.284	0.000	62.022	0.000	51.284	0.000	0.000	62.029	36.907	0.780	XOM_R2OWSG MWD+IFR1+MS
16200.000	90.000	359.754	10186.000	52.029	0.000	62.739	0.000	52.029	0.000	0.000	62.746	36.945	0.779	XOM_R2OWSG MWD+IFR1+MS
16300.000	90.000	359.754	10186.000	52.776	0.000	63.460	0.000	52.776	0.000	0.000	63.467	36.984	0.777	XOM_R2OWSG MWD+IFR1+MS
16400.000	90.000	359.754	10186.000	53.524	0.000	64.186	0.000	53.524	0.000	0.000	64.192	37.024	0.774	XOM_R2OWSG MWD+IFR1+MS
16500.000	90.000	359.754	10186.000	54.273	0.000	64.915	0.000	54.273	0.000	0.000	64.922	37.064	0.772	XOM_R2OWSG MWD+IFR1+MS
16600.000	90.000	359.754	10186.000	55.022	0.000	65.647	0.000	55.022	0.000	0.000	65.654	37.104	0.769	XOM_R2OWSG MWD+IFR1+MS
16700.000	90.000	359.754	10186.000	55.773	0.000	66.384	0.000	55.773	0.000	0.000	66.391	37.146	0.765	XOM_R2OWSG MWD+IFR1+MS
16800.000	90.000	359.754	10186.000	56.525	0.000	67.124	0.000	56.525	0.000	0.000	67.131	37.188	0.762	XOM_R2OWSG MWD+IFR1+MS
16900.000	90.000	359.754	10186.000	57.277	0.000	67.867	0.000	57.277	0.000	0.000	67.874	37.230	0.758	XOM_R2OWSG MWD+IFR1+MS
17000.000	90.000	359.754	10186.000	58.031	0.000	68.613	0.000	58.031	0.000	0.000	68.621	37.273	0.754	XOM_R2OWSG MWD+IFR1+MS
17100.000	90.000	359.754	10186.000	58.785	0.000	69.363	0.000	58.785	0.000	0.000	69.370	37.317	0.750	XOM_R2OWSG MWD+IFR1+MS
17200.000	90.000	359.754	10186.000	59.540	0.000	70.115	0.000	59.540	0.000	0.000	70.123	37.361	0.745	XOM_R2OWSG MWD+IFR1+MS
17300.000	90.000	359.754	10186.000	60.296	0.000	70.871	0.000	60.296	0.000	0.000	70.879	37.406	0.740	XOM_R2OWSG MWD+IFR1+MS
17400.000	90.000	359.754	10186.000	61.052	0.000	71.629	0.000	61.052	0.000	0.000	71.637	37.452	0.736	XOM_R2OWSG MWD+IFR1+MS

17500.000	90.000	359.754	10186.000	61.809	0.000	72.391	0.000	61.809	0.000	0.000	72.398	37.498	0.731	XOM_R2OWSG MWD+IFR1+MS
17600.000	90.000	359.754	10186.000	62.567	0.000	73.155	0.000	62.567	0.000	0.000	73.162	37.545	0.726	XOM_R2OWSG MWD+IFR1+MS
17700.000	90.000	359.754	10186.000	63.326	0.000	73.921	0.000	63.326	0.000	0.000	73.929	37.592	0.721	XOM_R2OWSG MWD+IFR1+MS
17800.000	90.000	359.754	10186.000	64.085	0.000	74.690	0.000	64.085	0.000	0.000	74.698	37.640	0.716	XOM_R2OWSG MWD+IFR1+MS
17900.000	90.000	359.754	10186.000	64.845	0.000	75.461	0.000	64.845	0.000	0.000	75.469	37.689	0.710	XOM_R2OWSG MWD+IFR1+MS
18000.000	90.000	359.754	10186.000	65.605	0.000	76.235	0.000	65.605	0.000	0.000	76.243	37.738	0.705	XOM_R2OWSG MWD+IFR1+MS
18100.000	90.000	359.754	10186.000	66.366	0.000	77.011	0.000	66.366	0.000	0.000	77.019	37.788	0.700	XOM_R2OWSG MWD+IFR1+MS
18200.000	90.000	359.754	10186.000	67.128	0.000	77.790	0.000	67.128	0.000	0.000	77.798	37.838	0.694	XOM_R2OWSG MWD+IFR1+MS
18258.330	90.000	359.754	10186.000	67.572	0.000	78.244	0.000	67.572	0.000	0.000	78.252	37.868	0.691	XOM_R2OWSG MWD+IFR1+MS
18308.340	90.000	359.754	10186.000	67.953	0.000	78.634	0.000	67.953	0.000	0.000	78.642	37.893	0.688	XOM_R2OWSG MWD+IFR1+MS

Plan Targets

Corral 17-8 Fed Com 124H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
124H FTP	10735.06	408846.50	601525.40	7184.00	CIRCLE
124H LTP	18258.33	416369.70	601493.20	7184.00	CIRCLE
124H BHL	18308.33	416419.70	601493.10	7184.00	CIRCLE



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC		XTO ENERGY INC DELAWARE BASIN	
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	VJK
		APPRV	31MAR22
		DRAWING NO.	HBE0000479



U. S. Steel Tubular Products

5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-FREEDOM HTQ<sup>®</sup>

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MECHANICAL PROPERTIES	Pipe	USS-FREEDOM HTQ <sup>®</sup>		--
Minimum Yield Strength	110,000	--	psi	--
Maximum Yield Strength	125,000	--	psi	--
Minimum Tensile Strength	125,000	--	psi	--
DIMENSIONS	Pipe	USS-FREEDOM HTQ <sup>®</sup>		--
Outside Diameter	5.500	6.300	in.	--
Wall Thickness	0.361	--	in.	--
Inside Diameter	4.778	4.778	in.	--
Standard Drift	4.653	4.653	in.	--
Alternate Drift	--	--	in.	--
Nominal Linear Weight, T&C	20.00	--	lb/ft	--
Plain End Weight	19.83	--	lb/ft	--
SECTION AREA	Pipe	USS-FREEDOM HTQ <sup>®</sup>		--
Critical Area	5.828	5.828	sq. in.	--
Joint Efficiency	--	100.0	%	--
PERFORMANCE	Pipe	USS-FREEDOM HTQ <sup>®</sup>		--
Minimum Collapse Pressure	11,100	11,100	psi	--
Minimum Internal Yield Pressure	12,640	12,640	psi	--
Minimum Pipe Body Yield Strength	641,000	--	lb	--
Joint Strength	--	641,000	lb	--
Compression Rating	--	641,000	lb	--
Reference Length [4]	--	21,370	ft	--
Maximum Uniaxial Bend Rating [2]	--	91.7	deg/100 ft	--
MAKE-UP DATA	Pipe	USS-FREEDOM HTQ <sup>®</sup>		--
Make-Up Loss	--	4.13	in.	--
Minimum Make-Up Torque [3]	--	15,000	ft-lb	--
Maximum Make-Up Torque [3]	--	21,000	ft-lb	--
Maximum Operating Torque[3]	--	29,500	ft-lb	--

UNCONTROLLED

Notes

1.

Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
2.

Uniaxial bending rating shown is structural only, and equal to compression efficiency.
3.

Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
4.

Reference length is calculated by joint strength divided by plain end weight with 1.5 safety factor.

Legal Notice

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U. S. Steel Tubular Products

5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-TALON HTQ™ RD

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MECHANICAL PROPERTIES	Pipe	USS-TALON HTQ™ RD		[6]
Minimum Yield Strength	110,000	--	psi	--
Maximum Yield Strength	125,000	--	psi	--
Minimum Tensile Strength	125,000	--	psi	--
DIMENSIONS	Pipe	USS-TALON HTQ™ RD		--
Outside Diameter	5.500	5.900	in.	--
Wall Thickness	0.361	--	in.	--
Inside Diameter	4.778	4.778	in.	--
Standard Drift	4.653	4.653	in.	--
Alternate Drift	--	--	in.	--
Nominal Linear Weight, T&C	20.00	--	lb/ft	--
Plain End Weight	19.83	--	lb/ft	--
SECTION AREA	Pipe	USS-TALON HTQ™ RD		--
Critical Area	5.828	5.828	sq. in.	--
Joint Efficiency	--	100.0	%	[2]
PERFORMANCE	Pipe	USS-TALON HTQ™ RD		--
Minimum Collapse Pressure	11,100	11,100	psi	--
Minimum Internal Yield Pressure	12,640	12,640	psi	--
Minimum Pipe Body Yield Strength	641,000	--	lb	--
Joint Strength	--	641,000	lb	--
Compression Rating	--	641,000	lb	--
Reference Length	--	21,370	ft	[5]
Maximum Uniaxial Bend Rating	--	91.7	deg/100 ft	[3]
MAKE-UP DATA	Pipe	USS-TALON HTQ™ RD		--
Make-Up Loss	--	5.58	in.	--
Minimum Make-Up Torque	--	17,000	ft-lb	[4]
Maximum Make-Up Torque	--	20,000	ft-lb	[4]
Maximum Operating Torque	--	39,500	ft-lb	[4]

UNCONTROLLED

Notes

1. Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
2. Joint efficiencies are calculated by dividing the connection critical area by the pipe body area.
3. Uniaxial bend rating shown is structural only.
4. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
5. Reference length is calculated by Joint Strength divided by Nominal Linear Weight, T&C with a 1.5 Safety factor.
6. Coupling must meet minimum mechanical properties of the pipe.

Legal Notice

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**BLACK GOLD®**

**GATES ENGINEERING & SERVICES NORTH AMERICA**  
**7603 Prairie Oak Dr.**  
**Houston, TX. 77086**

**PHONE: +1 (281) 602-4100****FAX: +1 (281) 602-4147****EMAIL: gesna.quality@gates.com****WEB: www.gates.com/oilandgas**

*NEW CHOKE HOSE  
INSTALLED 02-10-2024*

## CERTIFICATE OF CONFORMANCE

This is to verify that the items detailed below meet the requirements of the Customer's Purchase Order referenced herein, and are in Conformance with applicable specifications, and that Records of Required Tests are on file and subject to examination. The following items were inspected and hydrostatically tested at **Gates Engineering & Services North America** facilities in Houston, TX, USA.

**CUSTOMER:** NABORS DRILLING TECHNOLOGIES USA DBA NABORS DRILLING USA  
**CUSTOMER P.O.#:** 15582803 (TAG NABORS PO #15582803 SN 74621 ASSET 66-1531)  
**CUSTOMER P/N:** IMR RETEST SN 74621 ASSET #66-1531

**PART DESCRIPTION:** RETEST OF CUSTOMER 3" X 45 FT 16C CHOKE & KILL HOSE ASSEMBLY C/W 4 1/16" 10K FLANGES

**SALES ORDER #:** 529480  
**QUANTITY:** 1  
**SERIAL #:** 74621 H3-012524-1

**SIGNATURE:***F. Cismos***TITLE:****QUALITY ASSURANCE****DATE:****1/25/2024**



H3-15/16

1/25/2024 11:48:06 AM

# TEST REPORT

**CUSTOMER**

Company: Nabors Industries Inc.

Production description: 74621/66-1531

Sales order #: 529480

Customer reference: FG1213

**TEST OBJECT**

Serial number: H3-012524-1

Lot number:

Description: 74621/66-1531

Hose ID: 3" 16C CK

Part number:

**TEST INFORMATION**

Test procedure: GTS-04-053

Test pressure: 15000.00 psi

Test pressure hold: 3600.00 sec

Work pressure: 10000.00 psi

Work pressure hold: 900.00 sec

Length difference: 0.00 %

Length difference: 0.00 inch

Fitting 1: 3.0 x 4-1/16 10K

Part number:

Description:

Fitting 2: 3.0 x 4-1/16 10K

Part number:

Description:

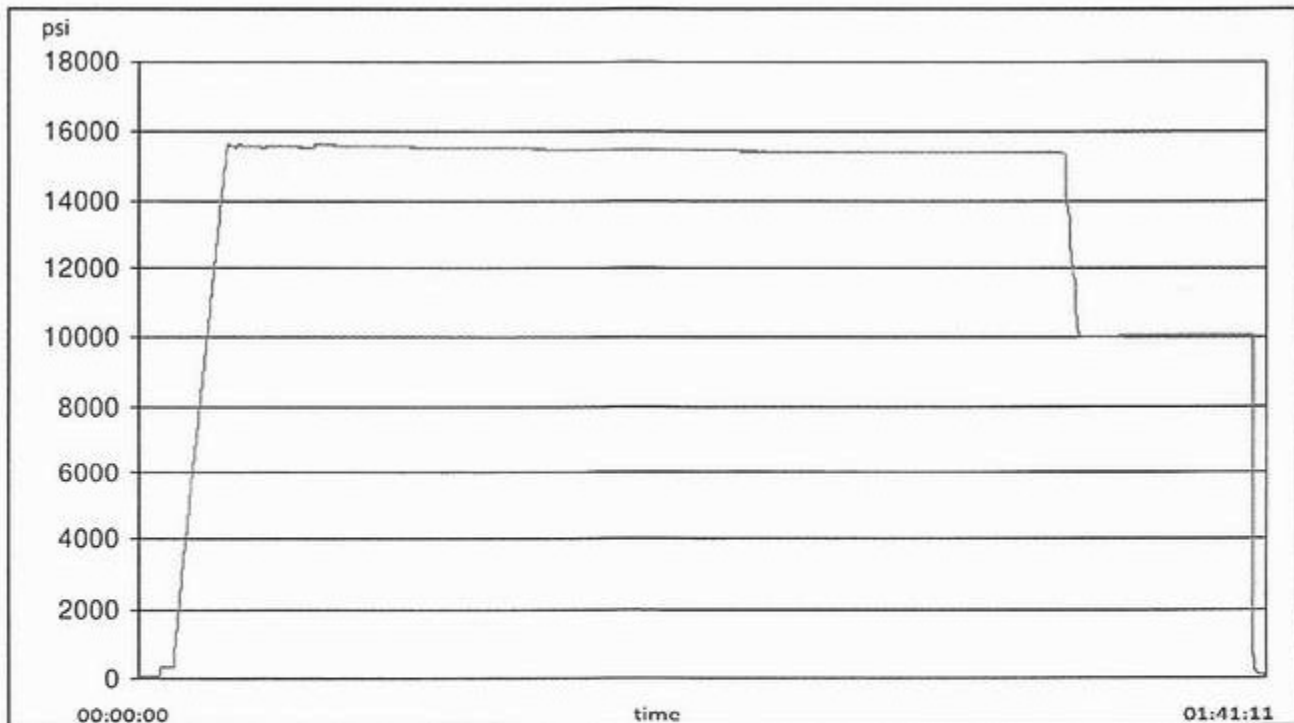
Visual check:

Pressure test result: PASS

Length measurement result:

Length: 45 feet

Test operator: Travis







H3-15/16

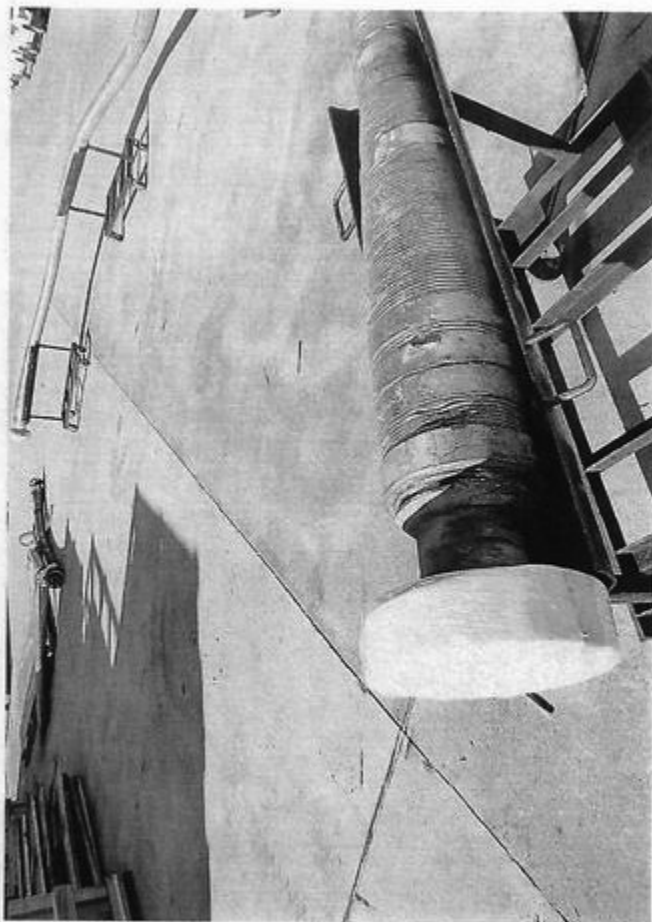
1/25/2024 11:48:06 AM

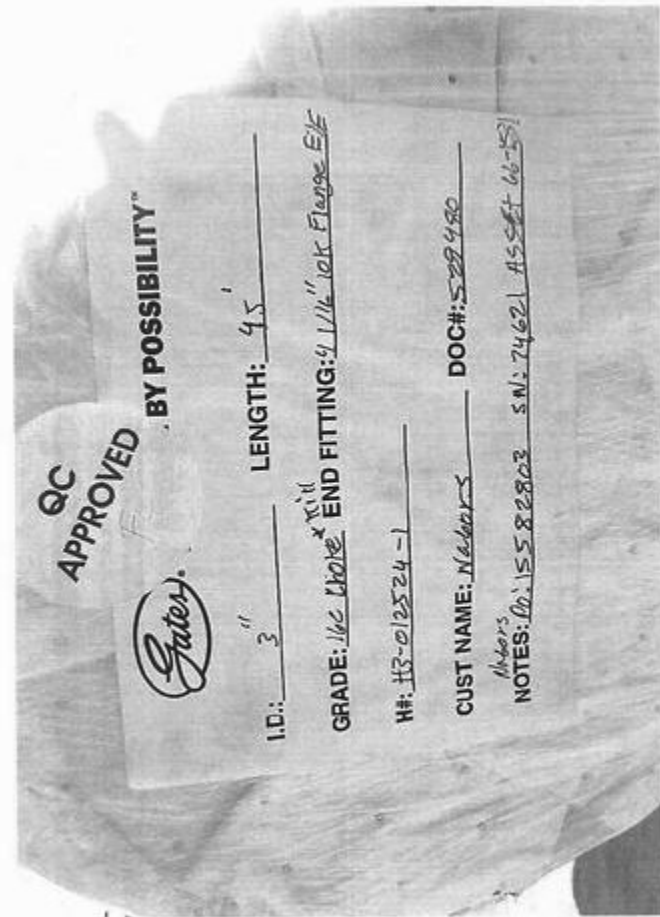
TEST REPORT

GAUGE TRACEABILITY

Description	Serial number	Calibration date	Calibration due date
S-25-A-W	110D3PHO	2023-06-06	2024-06-06
S-25-A-W	110IQWDG	2023-05-16	2024-05-16

Comment









**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 373860

CONDITIONS

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:  5380
	Action Number:  373860
	Action Type:  [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	8/21/2024