U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

09/26/2024

Well Name: JAMES RANCH UNIT DI 8 EAGLE

Well Location: T22S / R30E / SEC 36 / NWSW / 32.348024 / -103.837175

County or Parish/State: EDDY / NM

Well Number: 703H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM002953C

Unit or CA Name: JAMES RANCH

Unit or CA Number: NMNM070965Z

US Well Number:

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2667191

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 04/15/2022

Time Sundry Submitted: 10:57

Date proposed operation will begin: 05/01/2022

Procedure Description: **Pool Change, SHL Change, Spacing, Casing/Cement, Drilling Variance Changes XTO Permian Operating, LLC requests permission to make the following changes to the original APD: Change Pool from: Los Medanos; Wolfcamp (South) to Los Medanos; Bone Spring No Additional Surface Disturbance Change SHL fr/2436'FSL & 1777'FWL to 2435'FSL & 1807'FWL Well Stays in the Same Quarter-Quarter as Permitted Total SHL Move: 1' North & 30' West SHL change requested to optimize well pad layout, drilling efficiencies, and for safety purposes. Change BHL fr/2540'FNL & 50'FEL to 2530'FSL & 50'FEL 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_8_Eagle_703H_Attachments_20220506125748.pdf

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Operator: XTO PERMIAN OPERATING LLC

Conditions of Approval

Additional

Sec_36_22S_30E_NMP_Sundry_2667191_James_Ranch_Unit_DI_8_Eagle_703H_Eddy_NMNM0029353C_XTO_COAs_20220510125729.pdf

Operator

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

Operator Electronic Signature: STEPHANIE RABADUE

Signed on: MAY 06, 2022 12:57 PM

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: 05/19/2022

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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

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

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 recomplete 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 OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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

Change BHL fr/2540FNL & 50FEL to 2530FSL & 50FEL

Casing/Cement design per the attached drilling program.

Attachments:

C102

Drilling Program

Directional Plan

Multibowl Diagram

Location of Well

0. SHL: NWSW / 2436 FSL / 1777 FWL / TWSP: 22S / RANGE: 30E / SECTION: 36 / LAT: 32.348024 / LONG: -103.837175 (TVD: 0 feet, MD: 0 feet)

PPP: NWSW / 2540 FSL / 2300 FWL / TWSP: 22S / RANGE: 30E / SECTION: 36 / LAT: 32.348307 / LONG: -103.835482 (TVD: 11044 feet, MD: 11400 feet)

BHL: SENE / 2540 FNL / 50 FEL / TWSP: 22S / RANGE: 31E / SECTION: 31 / LAT: 32.348287 / LONG: -103.808624 (TVD: 11194 feet, MD: 19656 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO Permian Operating
WELL NAME & NO.:	James Ranch Unit DI 8 Eagle 703H
LOCATION:	Sec 36-22S-30E-NMP
COUNTY:	Eddy County, NM

Updated COAs per Sundry 2667191 *approved through engineering on 05/10/2022.*

COA

H2S	◉ Yes	○ No	
Potash	○ None	○ Secretary	◉ R-111-P
Cave/Karst Potential	○ Low	◉ Medium	○ High
Cave/Karst Potential	○ Critical		
Variance	○ None	◉ Flex Hose	○ Other
Wellhead	○ Conventional	◉ Multibowl	○ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☐ COM	☑ Unit

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated 500 feet prior to drilling into the **Salado** formation. As a result, the Hydrogen Sulfide area must meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **525** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite and above the salt) and cemented to the surface. *Adjustment due to BLM geologist and protecting usable water zone.*

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
    b. Wait on cement (WOC) time for a primary cement job will be a minimum of **24 hours in the Potash Area** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)

c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

- Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**

❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.

❖ In R111 Potash Areas if cement does not circulate to surface on the first two salt protection casing strings, the cement on the 3rd casing string must come to surface.

3. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.

b. Second stage above DV tool:

- Cement should tie back at least **500 feet** into the previous casing string. Operator should provide method of verification. If cement does not circulate see B.1.a, c-d above.
Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.

4. The minimum required fill of cement behind the **5-1/2** inch production casing is:

- Cement should tie-back at least **500 feet** into previous casing string. Operator shall provide method of verification.

C. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'

2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
    e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

D. SPECIAL REQUIREMENT (S)

Unit Wells

The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number when the sign is replaced.

Commercial Well Determination

A commercial well determination shall be submitted after production has been established for at least six months.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

☒ Eddy County
Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

☒ Lea County
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 689-5981

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

   a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
   b. When the operator proposes to set surface casing with Spudder Rig
      - Notify the BLM when moving in and removing the Spudder Rig.
      - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
      - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.

2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as

possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

    b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except

the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and

disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

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	[2] Pool Code	[3] Pool Name
30-015-49445	40295	Los Medanos; Bone Spring

[4] Property Code	[5] Property Name	[6] Well Number
	JAMES RANCH UNIT DI 8 EAGLE	703H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,309'

[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
K	36	22S	30E		2,435	SOUTH	1,807	WEST	EDDY

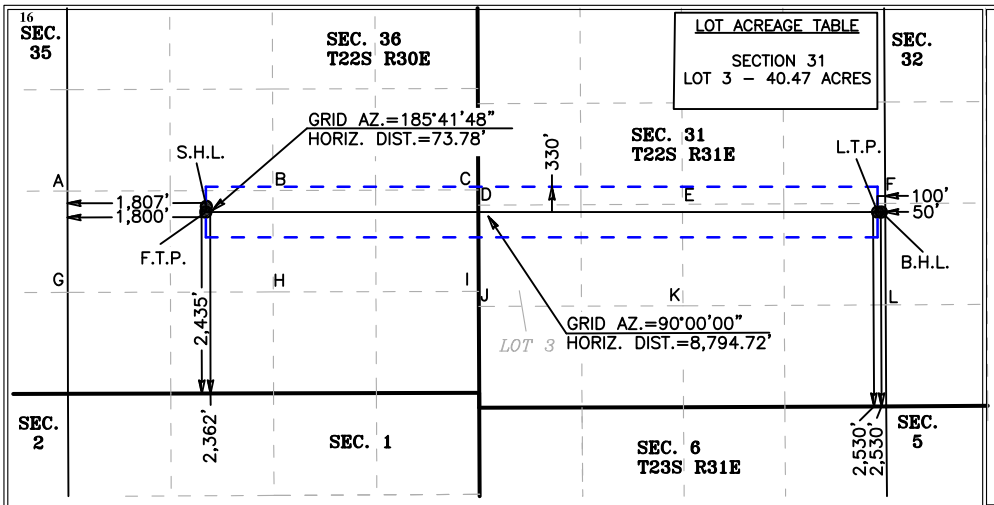
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	22S	31E		2,530	SOUTH	50	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
560.47			

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]



SHL (NAD83 NME)	LTP (NAD83 NME)	SHL (NAD27 NME)	LTP (NAD27 NME)
Y = 490,697.6	Y = 490,624.2	Y = 490,637.3	Y = 490,564.0
X = 694,587.8	X = 703,325.2	X = 653,405.8	X = 662,143.2
LAT. = 32.348023 °N	LAT. = 32.347706 °N	LAT. = 32.347900 °N	LAT. = 32.347583 °N
LONG. = 103.837077 °W	LONG. = 103.808786 °W	LONG. = 103.836585 °W	LONG. = 103.808295 °W
FTP (NAD83 NME)	**BHL (NAD83 NME)**	**FTP (NAD27 NME)**	**BHL (NAD27 NME)**
Y = 490,624.2	Y = 490,624.2	Y = 490,563.9	Y = 490,564.0
X = 694,580.5	X = 703,375.2	X = 653,398.5	X = 662,193.2
LAT. = 32.347821 °N	LAT. = 32.347706 °N	LAT. = 32.347698 °N	LAT. = 32.347583 °N
LONG. = 103.837102 °W	LONG. = 103.808624 °W	LONG. = 103.836610 °W	LONG. = 103.808133 °W

CORNER COORDINATES (NAD83 NME)		CORNER COORDINATES (NAD27 NME)	
A - Y = 490,896.8 N	X = 692,779.9 E	A - Y = 490,836.5 N	X = 651,597.9 E
B - Y = 490,904.4 N	X = 695,453.8 E	B - Y = 490,844.2 N	X = 654,271.8 E
C - Y = 490,912.1 N	X = 698,127.5 E	C - Y = 490,851.8 N	X = 656,945.5 E
D - Y = 490,713.9 N	X = 698,128.5 E	D - Y = 490,653.6 N	X = 656,946.5 E
E - Y = 490,725.1 N	X = 700,785.2 E	E - Y = 490,664.8 N	X = 659,603.1 E
F - Y = 490,736.2 N	X = 703,424.6 E	F - Y = 490,676.0 N	X = 662,242.6 E
G - Y = 489,577.8 N	X = 692,783.0 E	G - Y = 489,517.5 N	X = 651,601.0 E
H - Y = 489,584.3 N	X = 695,458.2 E	H - Y = 489,524.1 N	X = 654,276.1 E
I - Y = 489,591.2 N	X = 698,133.8 E	I - Y = 489,531.0 N	X = 656,951.8 E
J - Y = 489,395.9 N	X = 698,134.8 E	J - Y = 489,335.6 N	X = 656,952.7 E
K - Y = 489,403.9 N	X = 700,792.0 E	K - Y = 489,343.7 N	X = 659,609.9 E
L - Y = 489,415.3 N	X = 703,431.5 E	L - Y = 489,355.2 N	X = 662,249.4 E

[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.

Stephanie Rabadue 04/14/2022
Signature Date

Stephanie Rabadue
Printed Name

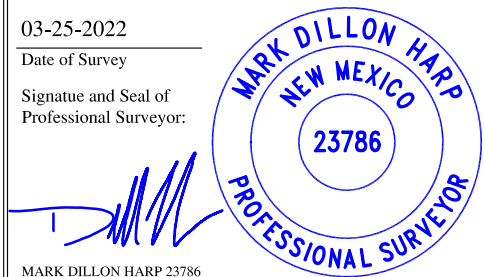
stephanie.rabadue@exxonmobil.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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

03-25-2022
Date of Survey

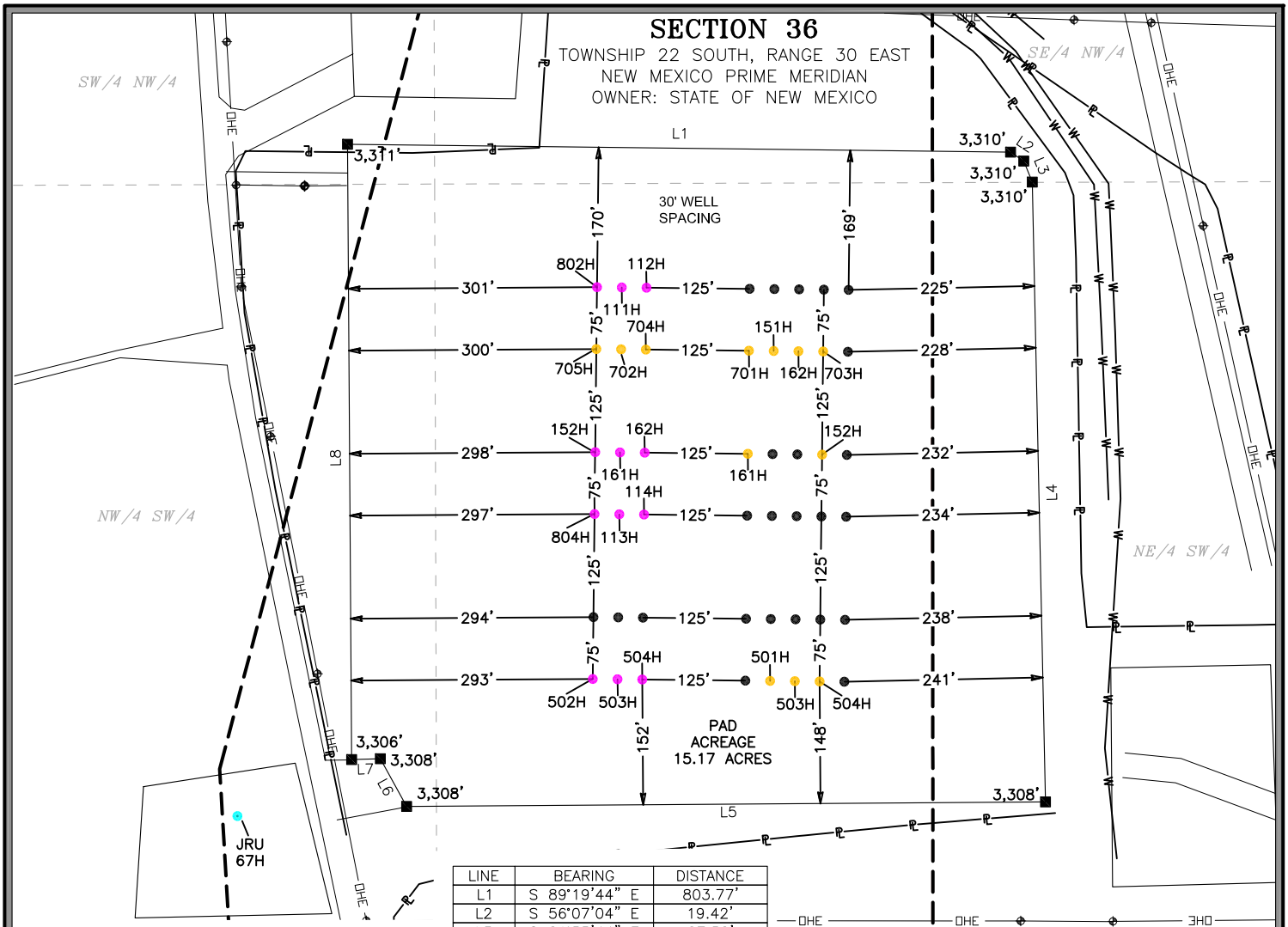
Signatue and Seal of Professional Surveyor:



MARK DILLON HARP 23786
Certificate Number AW 2021060733

SECTION 36

TOWNSHIP 22 SOUTH, RANGE 30 EAST
NEW MEXICO PRIME MERIDIAN
OWNER: STATE OF NEW MEXICO



LINE	BEARING	DISTANCE
L1	S 89°19'44" E	803.77'
L2	S 56°07'04" E	19.42'
L3	S 21°55'44" E	27.52'
L4	S 01°13'08" E	751.68'
L5	S 89°35'33" W	774.47'
L6	N 28°49'40" W	66.16'
L7	S 88°22'21" W	34.82'
L8	N 00°22'49" W	745.83'

WELL NAMES
- EAGLE
- WARBONNET
- TBD

LEGEND
- PROPOSED DRILLING ISLAND
- EXISTING PAD
- OHE — EXISTING OVERHEAD ELECTRIC
- EXISTING ROAD
- EXISTING PIPELINE
- EXISTING WATER LINE
- POWER POLE

NOTE:

1). SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION

DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF JAL HIGHWAY (STATE HIGHWAY 128) AND WHIPP RD. GO NORTH ON WHIPP RD. APPROX. 0.8 MILES . TURN LEFT (NORTHWEST) ON LEASE ROAD AND GO APPROX. 0.4 MILES. TURN LEFT (SOUTH) ON LEASE ROAD AND GO APPROX 0.1 MILES. TURN RIGHT (WEST) AND GO APPROX. 0.2 MILES. TURN RIGHT (NORTH), DRIVE APPROX 0.8 MILES TO EXISTING PAD, THE PROPOSED LOCATION IS TO THE NORTHEAST.

0 100' 200'
1" = 200 FEET

I, MARK DILLON HARP, NEW MEXICO PROFESSIONAL SURVEYOR NO. 23786, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

MARK DILLON HARP
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEICO NO. 23786

FSC INC
SURVEYORS+ENGINEERS
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

XTO PERMIAN OPERATING, LLC.

PAD LAYOUT

JAMES RANCH UNIT DI 8 MIDDLE PAD
LOCATED 1,651 FEET FROM THE WEST LINE AND 2,285 FEET FROM THE SOUTH LINE OF SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO

DATE:	4-13-2022	PROJECT NO:	2018040969
DRAWN BY:	LM	SCALE:	1" = 200'
CHECKED BY:	AI	SHEET:	1 OF 1
FIELD CREW:	RE	REVISION:	0

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

XTO Energy Inc.
James Ranch Unit DI 8 Eagle 703H
Projected TD: 18082' MD / 9864' TVD
SHL: 2435' FSL & 1807' FWL , Section 36, T22S, R30E
BHL: 2530' FSL & 50' FEL , Section 31, T22S, R31E
Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	291'	Water
Top of Salt	598'	Water
Base of Salt	3590'	Water
Delaware	3833'	Water
Brushy Canyon	6448'	Water/Oil/Gas
Bone Spring	7660'	Water
1st Bone Spring Ss	8701'	Water/Oil/Gas
2nd Bone Spring Ss	9534'	Water/Oil/Gas
Target/Land Curve	9752'	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 @ 573' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9.625 inch casing at 3690' 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 8986' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 18082 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 8486 feet) per Potash regulations.

3. Casing Design

Hole Size	MD	TVD	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 573'	573'	13.375	54.5	J-55	BTC	New	2.48	4.46	27.31
12.25	0' – 3690'	3690'	9.625	40	J-55	BTC	New	1.93	2.29	4.27
8.75	0' – 3790'	3790'	7.625	29.7	RY P-110	Flush Joint	New	3.20	3.16	2.09
8.75	3790' – 8986'	8978'	7.625	29.7	HC L-80	Flush Joint	New	2.32	4.03	2.63
6.75	0' – 8886'	8878'	5.5	20	RY P-110	Semi-Premium	New	1.05	2.40	2.49
6.75	8886' - 18082'	9864'	5.5	20	RY P-110	Semi-Flush	New	1.05	2.16	6.25

· Production casing meets the clearance requiremenets as tapered string crosses over before encountering the intermediate shoe, per Onshore Order 2.3.B.1
· 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" 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 +/- 573'

Lead: 200 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 +/- 3690'

Lead: 1520 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 +/- 8986'
1st Stage
Optional Lead: 160 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)
TOC: 3490
Tail: 230 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
TOC: Brushy Canyon @ 6448
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: 390 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 (6448') 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, 20 New Semi-Flush, RY P-110 casing to be set at +/- 18082'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 8486 feet
Tail: 630 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 9186 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 2959 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 nippling up on the 13.375, 3M bradenhead and flange, the BOP test will be limited to 3000 psi. When nippling 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' - 573'	17.5	FW/Native	8.5-9	35-40	NC
573' - 3690'	12.25	Brine	10-10.5	30-32	NC
3690' to 8986'	8.75	BDE/OBM or FW/Brine	8.6-9.1	30-32	NC
8986' to 18082'	6.75	OBM	10-10.5	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 5129 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 - JRU DI 8 EAGLE 703H

Measured Depth:	18081.77 ft
TVD RKB:	9864.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	490637.51 ft
Easting:	653405.28 ft
RKB:	3339.00 ft
Ground Level:	3309.00 ft
North Reference:	Grid
Convergence Angle:	0.27 Deg
Site:	JRU DI-8
Slot:	SLOT 7

Plan Sections JRU DI 8 EAGLE 703H

Measured Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build Rate (Deg/100ft)	Turn Rate (Deg/100ft)	Dogleg Rate (Deg/100ft)	Target
0	0	174.24	0	0	0.01	0	0	0	
3600	0	174.24	3600	0	0.01	0	0	0	
3777.92	3.56	108.41	3777.81	-1.75	5.25	2	0	2	

7329.15	3.56	108.41	7322.19	-71.37	214.38	0	0	0	
7507.07	0	0	7500	-73.11	219.62	-2	0	2	
9186.08	0	0	9179	-73.11	219.62	0	0	0	
10086.08	90	90	9751.96	-73.11	792.57	10	0	10	FTP 6
18081.77	88.39	90	9864	-73.39	8787.23	-0.02	0	0.02	BHL 6

Position Uncertainty JRU DI 8 EAGLE 703H

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD RKB (ft)	Highside Error (ft)	Highside Bias (ft)	Lateral Error (ft)	Lateral Bias (ft)	Vertical Error (ft)	Vertical Bias (ft)	Magnitude of Bias (ft)	Semi-major Error (ft)	Semi-minor Error (ft)	Semi-minor Azimuth (°)	Tool Used
0	0	174.235	0	0	0	0	0	2.297	0	0	0	0	0	XOM_R2OWSG MWD+IFR1+MS
100	0	0	100	0.349	0	0.349	0	2.299	0	0	0.349	0.349	0	XOM_R2OWSG MWD+IFR1+MS
200	0	0	200	0.703	0	0.703	0	2.307	0	0	0.703	0.703	0	XOM_R2OWSG MWD+IFR1+MS
300	0	0	300	1.06	0	1.06	0	2.321	0	0	1.06	1.06	0	XOM_R2OWSG MWD+IFR1+MS
400	0	0	400	1.418	0	1.418	0	2.34	0	0	1.418	1.418	0	XOM_R2OWSG MWD+IFR1+MS
500	0	0	500	1.776	0	1.776	0	2.364	0	0	1.776	1.776	0	XOM_R2OWSG MWD+IFR1+MS
600	0	0	600	2.134	0	2.134	0	2.394	0	0	2.134	2.134	0	XOM_R2OWSG MWD+IFR1+MS
700	0	0	700	2.492	0	2.492	0	2.428	0	0	2.492	2.492	0	XOM_R2OWSG MWD+IFR1+MS

800	0	0	800	2.85	0	2.85	0	2.467	0	0	2.85	2.85	0	XOM_R2OWSG MWD+IFR1+MS
900	0	0	900	3.209	0	3.209	0	2.511	0	0	3.209	3.209	0	XOM_R2OWSG MWD+IFR1+MS
1000	0	0	1000	3.567	0	3.567	0	2.56	0	0	3.567	3.567	0	XOM_R2OWSG MWD+IFR1+MS
1100	0	0	1100	3.925	0	3.925	0	2.613	0	0	3.925	3.925	0	XOM_R2OWSG MWD+IFR1+MS
1200	0	0	1200	4.284	0	4.284	0	2.67	0	0	4.284	4.284	0	XOM_R2OWSG MWD+IFR1+MS
1300	0	0	1300	4.642	0	4.642	0	2.731	0	0	4.642	4.642	0	XOM_R2OWSG MWD+IFR1+MS
1400	0	0	1400	5.001	0	5.001	0	2.797	0	0	5.001	5.001	0	XOM_R2OWSG MWD+IFR1+MS
1500	0	0	1500	5.359	0	5.359	0	2.866	0	0	5.359	5.359	0	XOM_R2OWSG MWD+IFR1+MS
1600	0	0	1600	5.718	0	5.718	0	2.939	0	0	5.718	5.718	0	XOM_R2OWSG MWD+IFR1+MS
1700	0	0	1700	6.076	0	6.076	0	3.016	0	0	6.076	6.076	0	XOM_R2OWSG MWD+IFR1+MS
1800	0	0	1800	6.434	0	6.434	0	3.096	0	0	6.434	6.434	0	XOM_R2OWSG MWD+IFR1+MS
1900	0	0	1900	6.793	0	6.793	0	3.179	0	0	6.793	6.793	0	XOM_R2OWSG MWD+IFR1+MS
2000	0	0	2000	7.151	0	7.151	0	3.266	0	0	7.151	7.151	0	XOM_R2OWSG MWD+IFR1+MS

2100	0	0	2100	7.51	0	7.51	0	3.355	0	0	7.51	7.51	0	XOM_R2OWSG MWD+IFR1+MS
2200	0	0	2200	7.868	0	7.868	0	3.448	0	0	7.868	7.868	0	XOM_R2OWSG MWD+IFR1+MS
2300	0	0	2300	8.227	0	8.227	0	3.544	0	0	8.227	8.227	0	XOM_R2OWSG MWD+IFR1+MS
2400	0	0	2400	8.585	0	8.585	0	3.643	0	0	8.585	8.585	0	XOM_R2OWSG MWD+IFR1+MS
2500	0	0	2500	8.944	0	8.944	0	3.745	0	0	8.944	8.944	0	XOM_R2OWSG MWD+IFR1+MS
2600	0	0	2600	9.302	0	9.302	0	3.849	0	0	9.302	9.302	0	XOM_R2OWSG MWD+IFR1+MS
2700	0	0	2700	9.661	0	9.661	0	3.956	0	0	9.661	9.661	0	XOM_R2OWSG MWD+IFR1+MS
2800	0	0	2800	10.019	0	10.019	0	4.066	0	0	10.019	10.019	0	XOM_R2OWSG MWD+IFR1+MS
2900	0	0	2900	10.377	0	10.377	0	4.179	0	0	10.377	10.377	0	XOM_R2OWSG MWD+IFR1+MS
3000	0	0	3000	10.736	0	10.736	0	4.295	0	0	10.736	10.736	0	XOM_R2OWSG MWD+IFR1+MS
3100	0	0	3100	11.094	0	11.094	0	4.413	0	0	11.094	11.094	0	XOM_R2OWSG MWD+IFR1+MS
3200	0	0	3200	11.453	0	11.453	0	4.534	0	0	11.453	11.453	0	XOM_R2OWSG MWD+IFR1+MS
3300	0	0	3300	11.811	0	11.811	0	4.657	0	0	11.811	11.811	0	XOM_R2OWSG MWD+IFR1+MS

3400	0	0	3400	12.17	0	12.17	0	4.783	0	0	12.17	12.17	0	XOM_R2OW SG MWD+IFR1+ MS
3500	0	0	3500	12.528	0	12.528	0	4.912	0	0	12.528	12.528	0	XOM_R2OW SG MWD+IFR1+ MS
3600	0	174.235	3600	12.869	0	12.869	0	5.043	0	0	12.869	12.869	0	XOM_R2OW SG MWD+IFR1+ MS
3700	2	108.412	3699.98	13.192	0	13.199	0	5.177	0	0	13.199	13.199	2.743	XOM_R2OW SG MWD+IFR1+ MS
3777.922	3.558	108.412	3777.808	13.439	0	13.461	0	5.281	0	0	13.461	13.461	7.478	XOM_R2OW SG MWD+IFR1+ MS
3800	3.558	108.412	3799.843	13.514	0	13.535	0	5.311	0	0	13.536	13.535	8.81	XOM_R2OW SG MWD+IFR1+ MS
3900	3.558	108.412	3899.651	13.851	0	13.872	0	5.45	0	0	13.873	13.872	1.573	XOM_R2OW SG MWD+IFR1+ MS
4000	3.558	108.412	3999.458	14.19	0	14.211	0	5.591	0	0	14.212	14.21	-3.497	XOM_R2OW SG MWD+IFR1+ MS
4100	3.558	108.412	4099.265	14.53	0	14.55	0	5.736	0	0	14.551	14.55	-6.59	XOM_R2OW SG MWD+IFR1+ MS
4200	3.558	108.412	4199.072	14.871	0	14.89	0	5.882	0	0	14.892	14.89	-8.192	XOM_R2OW SG MWD+IFR1+ MS
4300	3.558	108.412	4298.879	15.213	0	15.232	0	6.032	0	0	15.233	15.231	-8.696	XOM_R2OW SG MWD+IFR1+ MS
4400	3.558	108.412	4398.687	15.556	0	15.574	0	6.184	0	0	15.575	15.573	-8.366	XOM_R2OW SG MWD+IFR1+ MS
4500	3.558	108.412	4498.494	15.9	0	15.917	0	6.339	0	0	15.918	15.916	-7.369	XOM_R2OW SG MWD+IFR1+ MS

4600	3.558	108.412	4598.301	16.244	0	16.26	0	6.496	0	0	16.262	16.26	-5.82	XOM_R2OW SG MWD+IFR1+ MS
4700	3.558	108.412	4698.108	16.589	0	16.605	0	6.656	0	0	16.606	16.604	-3.813	XOM_R2OW SG MWD+IFR1+ MS
4800	3.558	108.412	4797.915	16.935	0	16.95	0	6.818	0	0	16.951	16.949	-1.44	XOM_R2OW SG MWD+IFR1+ MS
4900	3.558	108.412	4897.723	17.281	0	17.295	0	6.984	0	0	17.297	17.295	1.199	XOM_R2OW SG MWD+IFR1+ MS
5000	3.558	108.412	4997.53	17.628	0	17.641	0	7.152	0	0	17.643	17.641	3.994	XOM_R2OW SG MWD+IFR1+ MS
5100	3.558	108.412	5097.337	17.976	0	17.988	0	7.322	0	0	17.99	17.988	6.831	XOM_R2OW SG MWD+IFR1+ MS
5200	3.558	108.412	5197.144	18.324	0	18.335	0	7.495	0	0	18.338	18.335	9.609	XOM_R2OW SG MWD+IFR1+ MS
5300	3.558	108.412	5296.951	18.672	0	18.683	0	7.671	0	0	18.686	18.683	12.246	XOM_R2OW SG MWD+IFR1+ MS
5400	3.558	108.412	5396.759	19.021	0	19.031	0	7.85	0	0	19.034	19.031	14.688	XOM_R2OW SG MWD+IFR1+ MS
5500	3.558	108.412	5496.566	19.371	0	19.38	0	8.031	0	0	19.383	19.38	16.908	XOM_R2OW SG MWD+IFR1+ MS
5600	3.558	108.412	5596.373	19.72	0	19.729	0	8.215	0	0	19.732	19.729	18.899	XOM_R2OW SG MWD+IFR1+ MS
5700	3.558	108.412	5696.18	20.071	0	20.078	0	8.402	0	0	20.082	20.078	20.669	XOM_R2OW SG MWD+IFR1+ MS
5800	3.558	108.412	5795.987	20.421	0	20.428	0	8.591	0	0	20.432	20.428	22.234	XOM_R2OW SG MWD+IFR1+ MS

5900	3.558	108.412	5895.795	20.772	0	20.778	0	8.783	0	0	20.783	20.778	23.614	XOM_R2OW SG MWD+IFR1+ MS
6000	3.558	108.412	5995.602	21.124	0	21.128	0	8.978	0	0	21.134	21.128	24.831	XOM_R2OW SG MWD+IFR1+ MS
6100	3.558	108.412	6095.409	21.476	0	21.479	0	9.175	0	0	21.485	21.479	25.905	XOM_R2OW SG MWD+IFR1+ MS
6200	3.558	108.412	6195.216	21.828	0	21.83	0	9.375	0	0	21.836	21.83	26.854	XOM_R2OW SG MWD+IFR1+ MS
6300	3.558	108.412	6295.023	22.18	0	22.181	0	9.578	0	0	22.188	22.181	27.694	XOM_R2OW SG MWD+IFR1+ MS
6400	3.558	108.412	6394.831	22.532	0	22.533	0	9.784	0	0	22.54	22.533	28.439	XOM_R2OW SG MWD+IFR1+ MS
6500	3.558	108.412	6494.638	22.885	0	22.885	0	9.992	0	0	22.892	22.885	29.103	XOM_R2OW SG MWD+IFR1+ MS
6600	3.558	108.412	6594.445	23.238	0	23.237	0	10.203	0	0	23.245	23.237	29.696	XOM_R2OW SG MWD+IFR1+ MS
6700	3.558	108.412	6694.252	23.592	0	23.589	0	10.417	0	0	23.598	23.589	30.226	XOM_R2OW SG MWD+IFR1+ MS
6800	3.558	108.412	6794.059	23.945	0	23.942	0	10.634	0	0	23.951	23.942	30.702	XOM_R2OW SG MWD+IFR1+ MS
6900	3.558	108.412	6893.867	24.299	0	24.295	0	10.853	0	0	24.305	24.294	31.13	XOM_R2OW SG MWD+IFR1+ MS
7000	3.558	108.412	6993.674	24.653	0	24.648	0	11.076	0	0	24.658	24.647	31.516	XOM_R2OW SG MWD+IFR1+ MS
7100	3.558	108.412	7093.481	25.007	0	25.001	0	11.301	0	0	25.012	25	31.865	XOM_R2OW SG MWD+IFR1+ MS

7200	3.558	108.412	7193.288	25.362	0	25.354	0	11.528	0	0	25.366	25.354	32.18	XOM_R2OW SG MWD+IFR1+ MS
7300	3.558	108.412	7293.095	25.716	0	25.708	0	11.759	0	0	25.72	25.707	32.466	XOM_R2OW SG MWD+IFR1+ MS
7329.153	3.558	108.412	7322.192	25.82	0	25.811	0	11.827	0	0	25.823	25.81	32.542	XOM_R2OW SG MWD+IFR1+ MS
7400	2.142	108.412	7392.95	26.081	0	26.062	0	11.993	0	0	26.074	26.061	32.875	XOM_R2OW SG MWD+IFR1+ MS
7507.075	0	0	7500	26.442	0	26.447	0	12.245	0	0	26.451	26.438	32.973	XOM_R2OW SG MWD+IFR1+ MS
7600	0	0	7592.925	26.768	0	26.773	0	12.467	0	0	26.777	26.764	32.642	XOM_R2OW SG MWD+IFR1+ MS
7700	0	0	7692.925	27.119	0	27.124	0	12.708	0	0	27.128	27.115	32.279	XOM_R2OW SG MWD+IFR1+ MS
7800	0	0	7792.925	27.47	0	27.476	0	12.952	0	0	27.479	27.467	31.91	XOM_R2OW SG MWD+IFR1+ MS
7900	0	0	7892.925	27.822	0	27.827	0	13.198	0	0	27.831	27.818	31.534	XOM_R2OW SG MWD+IFR1+ MS
8000	0	0	7992.925	28.173	0	28.179	0	13.448	0	0	28.182	28.17	31.151	XOM_R2OW SG MWD+IFR1+ MS
8100	0	0	8092.925	28.525	0	28.531	0	13.7	0	0	28.534	28.522	30.762	XOM_R2OW SG MWD+IFR1+ MS
8200	0	0	8192.925	28.877	0	28.883	0	13.955	0	0	28.886	28.874	30.366	XOM_R2OW SG MWD+IFR1+ MS
8300	0	0	8292.925	29.229	0	29.235	0	14.214	0	0	29.238	29.226	29.963	XOM_R2OW SG MWD+IFR1+ MS

8400	0	0	8392.925	29.581	0	29.587	0	14.475	0	0	29.59	29.579	29.553	XOM_R2OWSG MWD+IFR1+MS
8500	0	0	8492.925	29.934	0	29.94	0	14.739	0	0	29.942	29.931	29.137	XOM_R2OWSG MWD+IFR1+MS
8600	0	0	8592.925	30.286	0	30.292	0	15.005	0	0	30.295	30.284	28.713	XOM_R2OWSG MWD+IFR1+MS
8700	0	0	8692.925	30.639	0	30.645	0	15.275	0	0	30.647	30.637	28.283	XOM_R2OWSG MWD+IFR1+MS
8800	0	0	8792.925	30.992	0	30.998	0	15.548	0	0	31	30.99	27.847	XOM_R2OWSG MWD+IFR1+MS
8900	0	0	8892.925	31.345	0	31.351	0	15.823	0	0	31.353	31.343	27.403	XOM_R2OWSG MWD+IFR1+MS
9000	0	0	8992.925	31.698	0	31.704	0	16.102	0	0	31.706	31.696	26.953	XOM_R2OWSG MWD+IFR1+MS
9100	0	0	9092.925	32.051	0	32.057	0	16.383	0	0	32.059	32.049	26.497	XOM_R2OWSG MWD+IFR1+MS
9186.075	0	0	9179	32.355	0	32.361	0	16.628	0	0	32.363	32.354	26.098	XOM_R2OWSG MWD+IFR1+MS
9200	1.393	90	9192.924	32.417	0	32.405	0	16.667	0	0	32.412	32.403	26.027	XOM_R2OWSG MWD+IFR1+MS
9300	11.392	90	9292.176	32.401	0	32.757	0	16.95	0	0	32.766	32.755	27.468	XOM_R2OWSG MWD+IFR1+MS
9400	21.392	90	9387.989	31.67	0	33.103	0	17.218	0	0	33.111	33.099	35.359	XOM_R2OWSG MWD+IFR1+MS
9500	31.392	90	9477.453	30.269	0	33.434	0	17.462	0	0	33.438	33.418	62.04	XOM_R2OWSG MWD+IFR1+MS

9600	41.392	90	9557.848	28.297	0	33.743	0	17.679	0	0	33.745	33.693	77.551	XOM_R2OWSG MWD+IFR1+MS
9700	51.392	90	9626.731	25.912	0	34.026	0	17.868	0	0	34.027	33.915	82.962	XOM_R2OWSG MWD+IFR1+MS
9800	61.392	90	9682.011	23.351	0	34.278	0	18.036	0	0	34.279	34.08	85.47	XOM_R2OWSG MWD+IFR1+MS
9900	71.392	90	9722.007	20.952	0	34.498	0	18.192	0	0	34.499	34.189	86.933	XOM_R2OWSG MWD+IFR1+MS
10000	81.392	90	9745.504	19.163	0	34.681	0	18.343	0	0	34.682	34.249	87.928	XOM_R2OWSG MWD+IFR1+MS
10086.075	90	90	9751.958	18.475	0	34.808	0	18.475	0	0	34.808	34.271	88.594	XOM_R2OWSG MWD+IFR1+MS
10100	90	90	9751.958	18.496	0	34.826	0	18.496	0	0	34.826	34.273	88.689	XOM_R2OWSG MWD+IFR1+MS
10200	89.977	90	9751.981	18.672	0	34.968	0	18.672	0	0	34.968	34.284	89.26	XOM_R2OWSG MWD+IFR1+MS
10300	89.957	90	9752.038	18.879	0	35.128	0	18.878	0	0	35.129	34.296	89.654	XOM_R2OWSG MWD+IFR1+MS
10400	89.937	90	9752.131	19.116	0	35.307	0	19.114	0	0	35.307	34.308	89.928	XOM_R2OWSG MWD+IFR1+MS
10500	89.917	90	9752.258	19.382	0	35.504	0	19.379	0	0	35.504	34.322	90.121	XOM_R2OWSG MWD+IFR1+MS
10600	89.897	90	9752.421	19.676	0	35.718	0	19.672	0	0	35.718	34.337	90.258	XOM_R2OWSG MWD+IFR1+MS
10700	89.877	90	9752.618	19.997	0	35.95	0	19.992	0	0	35.95	34.353	90.355	XOM_R2OWSG MWD+IFR1+MS

10800	89.857	90	9752.851	20.342	0	36.199	0	20.337	0	0	36.199	34.37	90.425	XOM_R2OW SG MWD+IFR1+ MS
10900	89.837	90	9753.119	20.712	0	36.464	0	20.706	0	0	36.464	34.387	90.474	XOM_R2OW SG MWD+IFR1+ MS
11000	89.816	90	9753.422	21.104	0	36.746	0	21.098	0	0	36.746	34.406	90.508	XOM_R2OW SG MWD+IFR1+ MS
11100	89.796	90.001	9753.76	21.518	0	37.044	0	21.512	0	0	37.044	34.426	90.532	XOM_R2OW SG MWD+IFR1+ MS
11200	89.776	90.001	9754.133	21.953	0	37.357	0	21.945	0	0	37.357	34.447	90.547	XOM_R2OW SG MWD+IFR1+ MS
11300	89.756	90.001	9754.541	22.406	0	37.686	0	22.398	0	0	37.686	34.469	90.557	XOM_R2OW SG MWD+IFR1+ MS
11400	89.736	90.001	9754.984	22.878	0	38.029	0	22.87	0	0	38.029	34.492	90.561	XOM_R2OW SG MWD+IFR1+ MS
11500	89.716	90.001	9755.462	23.366	0	38.386	0	23.357	0	0	38.387	34.517	90.563	XOM_R2OW SG MWD+IFR1+ MS
11600	89.696	90.001	9755.975	23.87	0	38.758	0	23.861	0	0	38.758	34.542	90.562	XOM_R2OW SG MWD+IFR1+ MS
11700	89.676	90.001	9756.523	24.39	0	39.143	0	24.38	0	0	39.144	34.568	90.558	XOM_R2OW SG MWD+IFR1+ MS
11800	89.656	90.001	9757.106	24.923	0	39.542	0	24.913	0	0	39.542	34.595	90.554	XOM_R2OW SG MWD+IFR1+ MS
11900	89.636	90.001	9757.725	25.469	0	39.953	0	25.459	0	0	39.953	34.623	90.548	XOM_R2OW SG MWD+IFR1+ MS
12000	89.616	90.001	9758.378	26.027	0	40.376	0	26.017	0	0	40.377	34.653	90.541	XOM_R2OW SG MWD+IFR1+ MS

12100	89.596	90.001	9759.066	26.597	0	40.812	0	26.586	0	0	40.812	34.683	90.534	XOM_R2OW SG MWD+IFR1+ MS
12200	89.575	90.001	9759.79	27.178	0	41.259	0	27.167	0	0	41.26	34.714	90.526	XOM_R2OW SG MWD+IFR1+ MS
12300	89.555	90.001	9760.548	27.769	0	41.718	0	27.757	0	0	41.718	34.747	90.518	XOM_R2OW SG MWD+IFR1+ MS
12400	89.535	90.001	9761.342	28.369	0	42.187	0	28.357	0	0	42.188	34.78	90.51	XOM_R2OW SG MWD+IFR1+ MS
12500	89.515	90.001	9762.171	28.978	0	42.667	0	28.966	0	0	42.668	34.814	90.502	XOM_R2OW SG MWD+IFR1+ MS
12600	89.495	90.001	9763.034	29.595	0	43.157	0	29.583	0	0	43.158	34.85	90.494	XOM_R2OW SG MWD+IFR1+ MS
12700	89.475	90.001	9763.933	30.221	0	43.657	0	30.208	0	0	43.658	34.886	90.486	XOM_R2OW SG MWD+IFR1+ MS
12800	89.455	90.001	9764.867	30.853	0	44.167	0	30.841	0	0	44.167	34.924	90.478	XOM_R2OW SG MWD+IFR1+ MS
12900	89.435	90.001	9765.836	31.493	0	44.685	0	31.48	0	0	44.686	34.962	90.469	XOM_R2OW SG MWD+IFR1+ MS
13000	89.415	90.001	9766.839	32.138	0	45.213	0	32.126	0	0	45.213	35.002	90.462	XOM_R2OW SG MWD+IFR1+ MS
13100	89.395	90.002	9767.878	32.79	0	45.749	0	32.778	0	0	45.75	35.043	90.454	XOM_R2OW SG MWD+IFR1+ MS
13200	89.375	90.002	9768.952	33.448	0	46.293	0	33.435	0	0	46.294	35.084	90.446	XOM_R2OW SG MWD+IFR1+ MS
13300	89.355	90.002	9770.061	34.111	0	46.846	0	34.098	0	0	46.846	35.127	90.438	XOM_R2OW SG MWD+IFR1+ MS

13400	89.334	90.002	9771.205	34.78	0	47.406	0	34.766	0	0	47.406	35.17	90.431	XOM_R2OW SG MWD+IFR1+ MS
13500	89.314	90.002	9772.385	35.453	0	47.973	0	35.439	0	0	47.974	35.215	90.424	XOM_R2OW SG MWD+IFR1+ MS
13600	89.294	90.002	9773.599	36.13	0	48.548	0	36.117	0	0	48.548	35.26	90.417	XOM_R2OW SG MWD+IFR1+ MS
13700	89.274	90.002	9774.848	36.812	0	49.129	0	36.798	0	0	49.13	35.307	90.41	XOM_R2OW SG MWD+IFR1+ MS
13800	89.254	90.002	9776.132	37.498	0	49.717	0	37.484	0	0	49.718	35.355	90.403	XOM_R2OW SG MWD+IFR1+ MS
13900	89.234	90.002	9777.452	38.188	0	50.312	0	38.174	0	0	50.313	35.403	90.397	XOM_R2OW SG MWD+IFR1+ MS
14000	89.214	90.002	9778.806	38.881	0	50.913	0	38.867	0	0	50.913	35.453	90.39	XOM_R2OW SG MWD+IFR1+ MS
14100	89.194	90.002	9780.195	39.578	0	51.52	0	39.564	0	0	51.52	35.504	90.384	XOM_R2OW SG MWD+IFR1+ MS
14200	89.174	90.002	9781.62	40.278	0	52.132	0	40.264	0	0	52.133	35.555	90.378	XOM_R2OW SG MWD+IFR1+ MS
14300	89.154	90.002	9783.079	40.981	0	52.75	0	40.967	0	0	52.751	35.608	90.372	XOM_R2OW SG MWD+IFR1+ MS
14400	89.134	90.002	9784.574	41.687	0	53.374	0	41.673	0	0	53.375	35.661	90.366	XOM_R2OW SG MWD+IFR1+ MS
14500	89.114	90.002	9786.104	42.396	0	54.003	0	42.382	0	0	54.003	35.716	90.361	XOM_R2OW SG MWD+IFR1+ MS
14600	89.093	90.002	9787.668	43.108	0	54.637	0	43.093	0	0	54.637	35.772	90.355	XOM_R2OW SG MWD+IFR1+ MS

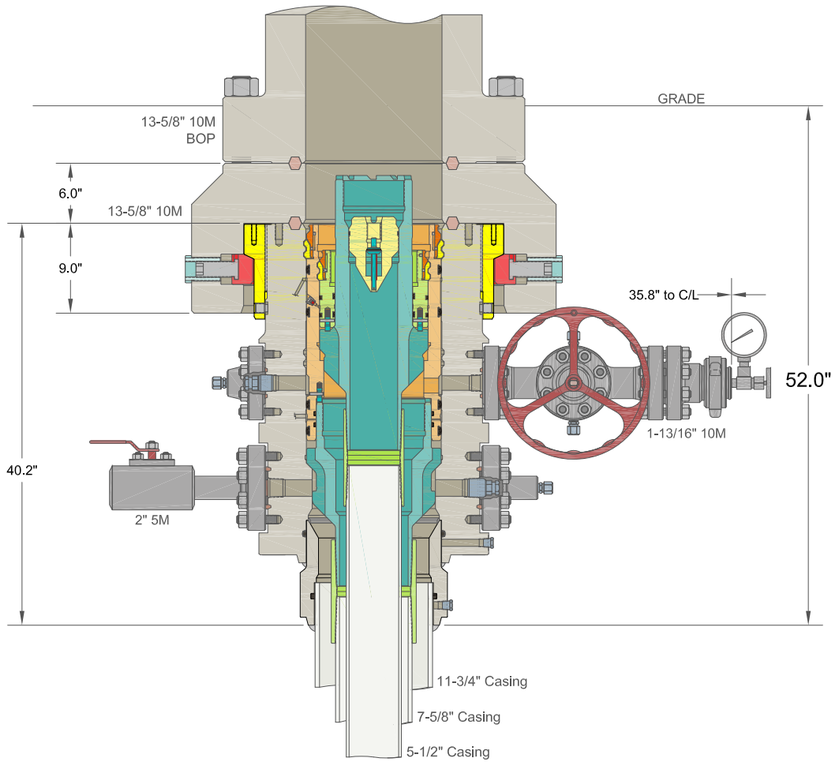
14700	89.073	90.002	9789.268	43.822	0	55.275	0	43.807	0	0	55.276	35.828	90.35	XOM_R2OW SG MWD+IFR1+ MS
14800	89.053	90.002	9790.903	44.539	0	55.918	0	44.524	0	0	55.919	35.886	90.345	XOM_R2OW SG MWD+IFR1+ MS
14900	89.033	90.002	9792.573	45.257	0	56.566	0	45.243	0	0	56.567	35.944	90.34	XOM_R2OW SG MWD+IFR1+ MS
15000	89.013	90.002	9794.278	45.978	0	57.219	0	45.963	0	0	57.219	36.004	90.335	XOM_R2OW SG MWD+IFR1+ MS
15100	88.993	90.003	9796.018	46.701	0	57.875	0	46.686	0	0	57.876	36.064	90.33	XOM_R2OW SG MWD+IFR1+ MS
15200	88.973	90.003	9797.792	47.426	0	58.535	0	47.411	0	0	58.536	36.126	90.325	XOM_R2OW SG MWD+IFR1+ MS
15300	88.953	90.003	9799.603	48.153	0	59.2	0	48.138	0	0	59.2	36.188	90.321	XOM_R2OW SG MWD+IFR1+ MS
15400	88.933	90.003	9801.448	48.882	0	59.868	0	48.867	0	0	59.869	36.251	90.316	XOM_R2OW SG MWD+IFR1+ MS
15500	88.913	90.003	9803.328	49.612	0	60.54	0	49.597	0	0	60.541	36.316	90.312	XOM_R2OW SG MWD+IFR1+ MS
15600	88.893	90.003	9805.243	50.344	0	61.215	0	50.329	0	0	61.216	36.381	90.307	XOM_R2OW SG MWD+IFR1+ MS
15700	88.873	90.003	9807.193	51.078	0	61.894	0	51.063	0	0	61.895	36.447	90.303	XOM_R2OW SG MWD+IFR1+ MS
15800	88.852	90.003	9809.178	51.813	0	62.577	0	51.798	0	0	62.577	36.515	90.299	XOM_R2OW SG MWD+IFR1+ MS
15900	88.832	90.003	9811.199	52.55	0	63.262	0	52.534	0	0	63.263	36.583	90.295	XOM_R2OW SG MWD+IFR1+ MS

16000	88.812	90.003	9813.254	53.288	0	63.951	0	53.272	0	0	63.951	36.652	90.291	XOM_R2OW SG MWD+IFR1+ MS
16100	88.792	90.003	9815.344	54.027	0	64.642	0	54.012	0	0	64.643	36.722	90.288	XOM_R2OW SG MWD+IFR1+ MS
16200	88.772	90.003	9817.47	54.768	0	65.337	0	54.752	0	0	65.337	36.793	90.284	XOM_R2OW SG MWD+IFR1+ MS
16300	88.752	90.003	9819.63	55.51	0	66.034	0	55.494	0	0	66.035	36.865	90.28	XOM_R2OW SG MWD+IFR1+ MS
16400	88.732	90.003	9821.826	56.253	0	66.734	0	56.237	0	0	66.735	36.938	90.277	XOM_R2OW SG MWD+IFR1+ MS
16500	88.712	90.003	9824.056	56.997	0	67.437	0	56.981	0	0	67.438	37.012	90.273	XOM_R2OW SG MWD+IFR1+ MS
16600	88.692	90.003	9826.322	57.742	0	68.142	0	57.726	0	0	68.143	37.087	90.27	XOM_R2OW SG MWD+IFR1+ MS
16700	88.672	90.003	9828.623	58.488	0	68.85	0	58.472	0	0	68.851	37.162	90.266	XOM_R2OW SG MWD+IFR1+ MS
16800	88.652	90.003	9830.958	59.235	0	69.56	0	59.22	0	0	69.561	37.239	90.263	XOM_R2OW SG MWD+IFR1+ MS
16900	88.631	90.003	9833.329	59.984	0	70.273	0	59.968	0	0	70.274	37.317	90.26	XOM_R2OW SG MWD+IFR1+ MS
17000	88.611	90.003	9835.735	60.733	0	70.988	0	60.717	0	0	70.988	37.395	90.257	XOM_R2OW SG MWD+IFR1+ MS
17100	88.591	90.004	9838.176	61.483	0	71.705	0	61.467	0	0	71.705	37.475	90.254	XOM_R2OW SG MWD+IFR1+ MS
17200	88.571	90.004	9840.652	62.234	0	72.424	0	62.218	0	0	72.425	37.555	90.251	XOM_R2OW SG MWD+IFR1+ MS

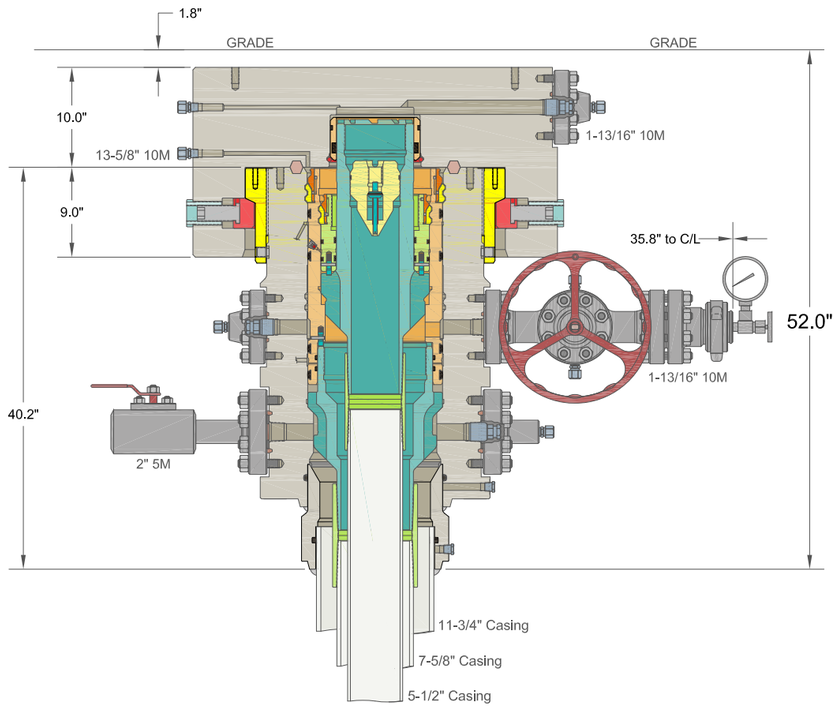
17300	88.551	90.004	9843.163	62.985	0	73.145	0	62.969	0	0	73.146	37.636	90.248	XOM_R2OW SG MWD+IFR1+ MS
17400	88.531	90.004	9845.708	63.738	0	73.869	0	63.722	0	0	73.869	37.718	90.245	XOM_R2OW SG MWD+IFR1+ MS
17500	88.511	90.004	9848.289	64.491	0	74.594	0	64.475	0	0	74.594	37.801	90.242	XOM_R2OW SG MWD+IFR1+ MS
17600	88.491	90.004	9850.906	65.245	0	75.321	0	65.229	0	0	75.322	37.885	90.239	XOM_R2OW SG MWD+IFR1+ MS
17700	88.471	90.004	9853.557	66	0	76.05	0	65.984	0	0	76.05	37.97	90.237	XOM_R2OW SG MWD+IFR1+ MS
17800	88.451	90.004	9856.243	66.755	0	76.781	0	66.739	0	0	76.781	38.056	90.234	XOM_R2OW SG MWD+IFR1+ MS
17900	88.431	90.004	9858.964	67.511	0	77.513	0	67.495	0	0	77.514	38.143	90.232	XOM_R2OW SG MWD+IFR1+ MS
18000	88.411	90.004	9861.72	68.268	0	78.247	0	68.252	0	0	78.248	38.231	90.229	XOM_R2OW SG MWD+IFR1+ MS
18081.774	88.394	90.004	9864	68.887	0	78.849	0	68.871	0	0	78.849	38.303	90.227	XOM_R2OW SG MWD+IFR1+ MS

Plan Targets	JRU DI 8 EAGLE 703H				
Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 6	10086.04	490564.4	654197.9	6413	RECTANGLE

BHL 6 18081.77 490564.12 662192.51 6525 RECTANGLE



DRILLING



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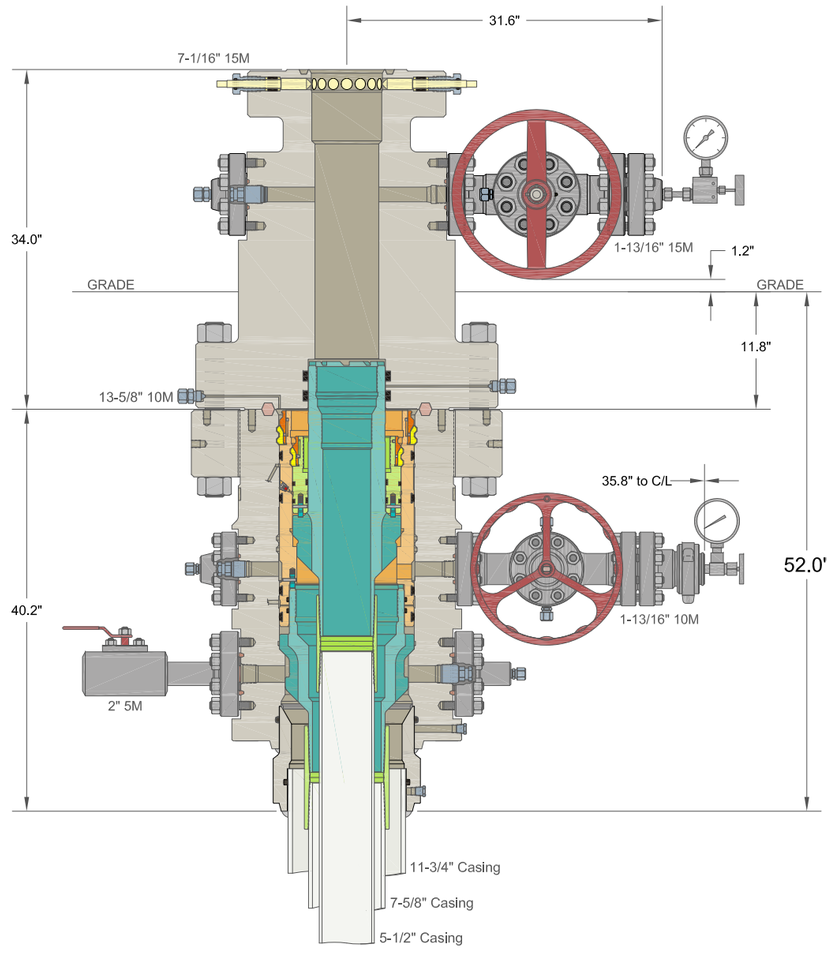

COMPLETION

ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	XTO ENERGY INC POKER LAKE, NM		
30" x 11-3/4" x 7-5/8" x 5-1/2" MBU-3T-SF SOW Wellhead System With 13-5/8" 10M x 7-1/16" 15M CTH-DBLHPS-SB Tubing Head And 7-5/8" & 5-1/2" Fluted Mandrel Casing Hangers	DRAWN	DLE	09DEC19
	APPRV		
	DRAWING NO.	ODE0003261	

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

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 387671
	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.	12/3/2024