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

Sundry Print Report

05/06/2025

Well Name: POKER LAKE UNIT 29 BS

Well Location: T25S / R31E / SEC 29 / SENE / 32.102218 / -103.794055

County or Parish/State: EDDY / NM

Well Number: 707H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC062140A, NMLC063136A

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number: NMNM71016X

US Well Number: 3001545881

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2849570

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/25/2025

Time Sundry Submitted: 01:09

Date proposed operation will begin: 04/25/2025

Procedure Description: Effective date 12/1/19 XTO Permian Operating LLC respectfully requests to make the following changes: Pool Name: Wildcat Big Sink; Bone Spring t/ Purple Sage, Wolfcamp Pool code: f/ 96654 t/98220 Dedicated acres: f/ 400 t/ 480 Attachments: Updated C-102 on new required form. No new surface disturbance.

NOI Attachments

Procedure Description

POKER_LAKE_UNIT_29_BS_707H_C_102_AMENDED_FINAL_SIGNED_20250425130859.pdf

Well Name: POKER LAKE UNIT 29 BS

Well Location: T25S / R31E / SEC 29 / SENE / 32.102218 / -103.794055

County or Parish/State: EDDY / NM

Well Number: 707H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC062140A, NMLC063136A

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number: NMNM71016X

US Well Number: 3001545881

Operator: XTO PERMIAN OPERATING LLC

Operator

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

Operator Electronic Signature: LACEY GRANILLO

Signed on: APR 25, 2025 01:09 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD

City: MIDLAND **State:** TX

Phone: (432) 894-0057

Email address: LACEY.GRANILLO@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: 05/05/2025

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. NMLC063136A

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X

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

8. Well Name and No. POKER LAKE UNIT 29 BS/707H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001545881

3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,

3b. Phone No. *(include area code)* (432) 683-2277

10. Field and Pool or Exploratory Area WILDCAT BIG SINK/BONE SPRING

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 29/T25S/R31E/NMP

11. Country or Parish, State EDDY/NM

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.)

Effective date 12/1/19
XTO Permian Operating LLC respectfully requests to make the following changes:
Pool Name: Wildcat Big Sink; Bone Spring t/ Purple Sage, Wolfcamp
Pool code: f/ 96654 t/98220
Dedicated acres: f/ 400 t/ 480
Attachments: Updated C-102 on new required form. No new surface disturbance.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* LACEY GRANILLO / Ph: (432) 894-0057

Title Regulatory Analyst

Signature (Electronic Submission)

Date 04/25/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 05/05/2025

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 CARLSBAD

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

Location of Well

0. SHL: SENE / 2310 FNL / 720 FEL / TWSP: 25S / RANGE: 31E / SECTION: 29 / LAT: 32.102218 / LONG: -103.794055 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 330 FNL / 990 FEL / TWSP: 25S / RANGE: 31E / SECTION: 32 / LAT: 32.092154 / LONG: -103.793958 (TVD: 10219 feet, MD: 13203 feet)

PPP: NENE / 2273 FSL / 1175 FEL / TWSP: 25S / RANGE: 31E / SECTION: 29 / LAT: 32.100229 / LONG: -103.795539 (TVD: 11493 feet, MD: 12162 feet)

BHL: SESE / 237 FSL / 1130 FEL / TWSP: 26S / RANGE: 31E / SECTION: 32 / LAT: 32.080026 / LONG: -103.795439 (TVD: 11493 feet, MD: 19517 feet)

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-015-45881	98220	PURPLE SAGE; WOLFCAMP (GAS)	
Property Code	Property Name		Well Number
325388	POKER LAKE UNIT 29 BS		707H
ORGID No.	Operator Name		Ground Level Elevation
373075	XTO PERMIAN OPERATING, LLC.		3,337'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	29	25 S	31 E		2,310' FNL	720' FEL	32.102218	-103.794055	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	32	25 S	31 E		200' FSL	1,170' FEL	32.079924	-103.795567	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
480	INFILL	30-015-45919	N	U

Order Numbers. N/A

Well setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	29	25 S	31 E		2,310' FNL	720' FEL	32.102218	-103.794055	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	29	25 S	31 E		2,310' FSL	1,170' FEL	32.100331	-103.795522	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	32	25 S	31 E		330' FSL	1,170' FEL	32.080281	-103.795567	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
NMNM-071016X	☒ Horizontal ☐ Vertical	3,337'

OPERATOR CERTIFICATIONS

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.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.

Lacey Granillo 4/25/25

Signature Date

Lacey Granillo

Printed Name

Lacey.granillo@exxonmobil.com

Email Address

SURVEYOR CERTIFICATIONS

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.

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, 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.

23 April 2025

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
TIM C. PAPPAS 21209	11/12/2020

Note: 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.

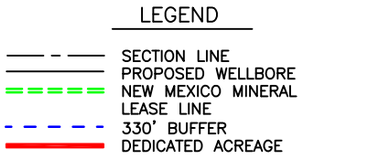
FSC INC SURVEYORS+ENGINEERS
2205 Walnut Street - Columbus, TX 78934
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10000100
www.fscinc.net

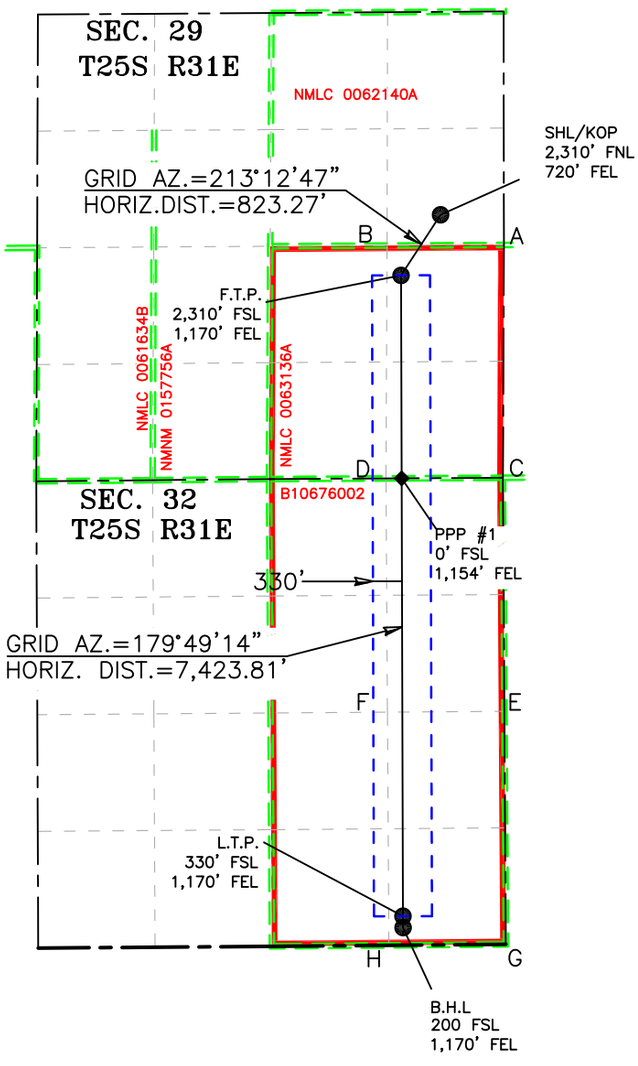
DATE:	4-23-2025	PROJECT NO:	2017071021
DRAWN BY:	LM	SCALE:	
CHECKED BY:	CH	SHEET:	1 OF 2
FIELD CREW:	IR	REVISION:	0

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.





COORDINATE TABLE					
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)		
Y =	401,341.1	N	Y =	400,652.3	N
X =	708,322.7	E	X =	707,871.8	E
LAT. =	32.102218	°N	LAT. =	32.100331	°N
LONG. =	103.794055	°W	LONG. =	103.795522	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)		
Y =	393,358.5	N	Y =	393,228.5	N
X =	707,894.2	E	X =	707,895.0	E
LAT. =	32.080281	°N	LAT. =	32.079924	°N
LONG. =	103.795567	°W	LONG. =	103.795567	°W
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)		
Y =	401,283.2	N	Y =	400,594.4	N
X =	667,137.1	E	X =	666,686.2	E
LAT. =	32.102094	°N	LAT. =	32.100206	°N
LONG. =	103.793577	°W	LONG. =	103.795044	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)		
Y =	393,300.8	N	Y =	393,170.8	N
X =	666,708.4	E	X =	666,709.1	E
LAT. =	32.080156	°N	LAT. =	32.079799	°N
LONG. =	103.795090	°W	LONG. =	103.795089	°W
PPP #1 (NAD 83 NME)			PPP #1 (NAD 27 NME)		
Y =	398,342.3	N	Y =	398,284.5	N
X =	707,878.9	E	X =	666,693.1	E
LAT. =	32.093981	°N	LAT. =	32.093856	°N
LONG. =	103.795537	°W	LONG. =	103.795059	°W

CORNER COORDINATES (NAD83 NME)					
A - Y =	401,001.6	N	A - X =	709,043.1	E
B - Y =	400,992.8	N	B - X =	707,713.2	E
C - Y =	398,348.5	N	C - X =	709,032.9	E
D - Y =	398,341.4	N	D - X =	707,700.8	E
E - Y =	395,690.8	N	E - X =	709,049.4	E
F - Y =	395,681.1	N	F - X =	707,717.4	E
G - Y =	393,038.4	N	G - X =	709,066.3	E
H - Y =	393,027.2	N	H - X =	707,734.2	E
CORNER COORDINATES (NAD27 NME)					
A - Y =	400,943.7	N	A - X =	667,857.5	E
B - Y =	400,934.9	N	B - X =	666,527.6	E
C - Y =	398,290.7	N	C - X =	667,847.2	E
D - Y =	398,283.6	N	D - X =	666,515.1	E
E - Y =	395,633.0	N	E - X =	667,863.6	E
F - Y =	395,623.3	N	F - X =	666,531.6	E
G - Y =	392,980.7	N	G - X =	667,880.4	E
H - Y =	392,696.5	N	H - X =	666,548.3	E

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TBPE Firm 17957 | TBPLS Firm 10000100
www.fscinc.net

DATE:	4-23-2025	PROJECT NO:	2017071021
DRAWN BY:	LM	SCALE:	1" = 2,000'
CHECKED BY:	CH	SHEET:	2 OF 2
FIELD CREW:	IR	REVISION:	

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMLC062140A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891000303X

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

8. Well Name and No.
POKER LAKE UNIT 29 BS 707H

2. Name of Operator
XTO PERMIAN OPERATING LLC
Contact: KELLY KARDOS
E-Mail: kelly_kardos@xtoenergy.com

9. API Well No.
30-015-45881-00-X1

3a. Address
6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)
Ph: 432-620-4374

10. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 29 T25S R31E SENE 2310FNL 720FEL
32.102219 N Lat, 103.794052 W Lon

11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
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XTO Permian Operating, LLC, requests permission to make the following changes to the original APD:

Change the formation from Big Sinks Bone Spring (Oil) to Purple Sage Wolfcamp (Gas).

Change BHL from 200'FSL & 990'FEL in Sec. 5-T26S-R31E to 200'FSL & 1170'FEL in Sec. 32-T25S-R31E.

Casing/Cement design per the attached drilling program.

XTO also requests the following variances:

Approval to utilize a spudder rig to pre-set surface casing per the attached Description of Operations.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #538319 verified by the BLM Well Information System
For XTO PERMIAN OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 11/29/2020 (21PP0705SE)

Name *(Printed/Typed)* KELLY KARDOS — Title REGULATORY COORDINATOR

Signature (Electronic Submission) — Date 11/23/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JENNIFER SANCHEZ — Title PETROLEUM ENGINEER — Date 11/30/2020

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 Carlsbad

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #538319 that would not fit on the form

32. Additional remarks, continued

Batch drill this well if necessary. In doing so, XTO will set each casing string and ensure that the well is cemented properly and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per GE recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and intermediate strings are all completed, XTO will begin drilling the production hole on each of the wells.

ONLY test broken pressure seals on the BOP equipment per the attached procedure.

A variance is requested to cement offline for the surface and intermediate casing strings.

Attachments:
C102
Drilling Program
Multibowl Diagram
5MBOP / 5MCM
Direction Plan
Spudder Rig Description of Operations
BOP Break Test Procedure
Offline Cementing Procedure

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
30-015-45881		

[4] Property Code	[5] Property Name	[6] Well Number
	POKER LAKE UNIT 29 BS	707H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,337'

[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
H	29	25 S	31 E		2,310	NORTH	720	EAST	EDDY

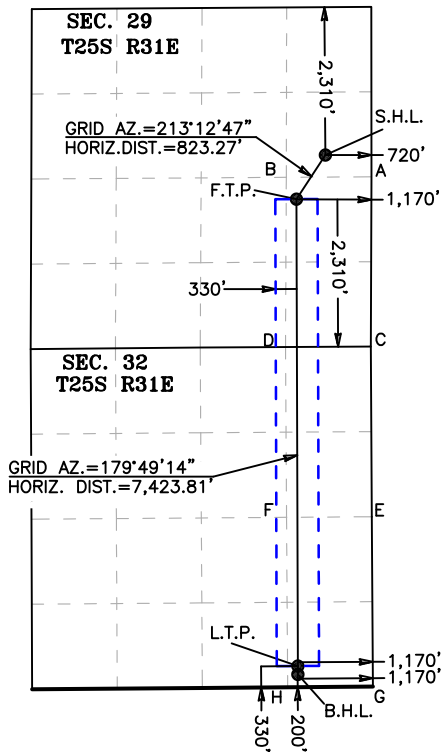
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	25 S	31 E		200	SOUTH	1,170	EAST	EDDY

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

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]



GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 401,341.1
X= 708,322.7
LAT.= 32.102218°N
LONG.= 103.794055°W

FIRST TAKE POINT
NAD 83 NME
Y= 400,652.3
X= 707,871.8
LAT.= 32.100331°N
LONG.= 103.795522°W

LAST TAKE POINT
NAD 83 NME
Y= 393,358.5
X= 707,894.2
LAT.= 32.080281°N
LONG.= 103.795567°W

BOTTOM HOLE LOCATION
NAD 83 NME
Y= 393,228.5
X= 707,895.0
LAT.= 32.079924°N
LONG.= 103.795567°W

CORNER COORDINATES TABLE
NAD 83 NME
A – Y= 401,001.6 N, X= 709,043.1 E
B – Y= 400,992.8 N, X= 707,713.2 E
C – Y= 398,348.5 N, X= 709,032.9 E
D – Y= 398,341.4 N, X= 707,700.8 E
E – Y= 395,690.8 N, X= 709,049.4 E
F – Y= 395,681.1 N, X= 707,717.4 E
G – Y= 393,038.4 N, X= 709,066.3 E
H – Y= 393,027.2 N, X= 707,734.2 E

CORNER COORDINATES TABLE
NAD 27 NME
A – Y= 400,943.7 N, X= 667,857.5 E
B – Y= 400,934.9 N, X= 666,527.6 E
C – Y= 398,290.7 N, X= 667,847.2 E
D – Y= 398,283.6 N, X= 666,515.1 E
E – Y= 395,633.0 N, X= 667,863.6 E
F – Y= 395,623.3 N, X= 666,531.6 E
G – Y= 392,980.7 N, X= 667,880.4 E
H – Y= 392,969.5 N, X= 666,548.3 E

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 401,283.2
X= 667,137.1
LAT.= 32.102094°N
LONG.= 103.793577°W

FIRST TAKE POINT
NAD 27 NME
Y= 400,594.4
X= 666,686.2
LAT.= 32.100206°N
LONG.= 103.795044°W

LAST TAKE POINT
NAD 27 NME
Y= 393,300.8
X= 666,708.4
LAT.= 32.080156°N
LONG.= 103.795090°W

BOTTOM HOLE LOCATION
NAD 27 NME
Y= 393,170.8
X= 666,709.1
LAT.= 32.079799°N
LONG.= 103.795089°W

[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.

Kelly Kardos

Signature Date

Printed Name

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.

11-12-2020
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number RR 2017071021

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

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
Latitude					Longitude				NAD

Last Take Point (LTP)

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

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

Poker Lake Unit 29 BS 707H
Projected TD: 19395' MD / 11595' TVD
SHL: 2310' FNL & 720' FEL , Section 29, T25S, R31E
BHL: 200' FSL & 1170' FEL , Section 32, T25S, R31E
Eddy County, NM

Casing Design

The surface fresh water sands will be protected by setting 11-3/4" casing @ 1166' (50' above the salt) and circulating cement back to surface. The 7-5/8" intermediate casing will be set at 10881' and bring TOC back to surface. A 6-3/4 inch curve and lateral hole will be drilled to MD/TD and 5-1/2" x 5" casing will be set at TD and cemented back 300' into the 7-5/8" casing shoe.

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
14-3/4"	0' – 1166'	11-3/4"	54	BTC	J-55	New	1.27	3.92	13.50
8-3/4"	0' – 4000'	7-5/8"	29.7	Liberty FJ	CYP-110	New	2.22	2.80	1.73
8-3/4"	4000' – 10881'	7-5/8"	29.7	Liberty FJ	HCL-80	New	1.61	2.02	1.99
6-3/4"	0' – 10781'	5-1/2"	23	Semi-Premium	P-110	New	1.21	2.30	2.28
6-3/4"	10781' – 11400'	5-1/2"	23	Semi-Flush	P-110	New	1.21	2.17	8.50
6-3/4"	11400' - 19395'	5"	18	Semi-Premium	P-110	New	1.16	1.98	10.17

· XTO requests to not utilize centralizers in the curve and lateral
· 7-5/8" Collapse analyzed using 50% evacuation based on regional experience.
· 5-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
· Test on Casing will be limited to 70% burst of the casing or 1500 psi, whichever is less
· Request 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 11-3/4" SOW bottom
B. Tubing Head: 13-5/8" 10M bottom flange x 7-1/16" 15M top flange
· Wellhead will be installed by manufacturer's representatives.
· Manufacturer will monitor welding process to ensure appropriate temperature of seal.
· Operator will test the 7-5/8" casing per BLM Onshore Order 2
· Wellhead Manufacturer representative will not be present for BOP test plug installation

Cement Program

Surface Casing:
Lead: 400 sxs Halcem-C + 2% CaCl (mixed at 12.8 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 190 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1500 psi
TOC: Surface

Intermediate Casing:
1st Stage

Optional Lead: 370 sxs NeoCem (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)
TOC: Surface

Tail: 370 sxs Halcem - Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1150 psi
TOC: Brushy Canyon (6842')

2nd Stage

Tail: 640 sxs Halcem-Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 5.29 gal/sx water)
Compressives: 12-hr = 900 psi 24 hr = 1150 psi
TOC: Surface

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 (6842') 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 on the first stage. If cement is brought to surface, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

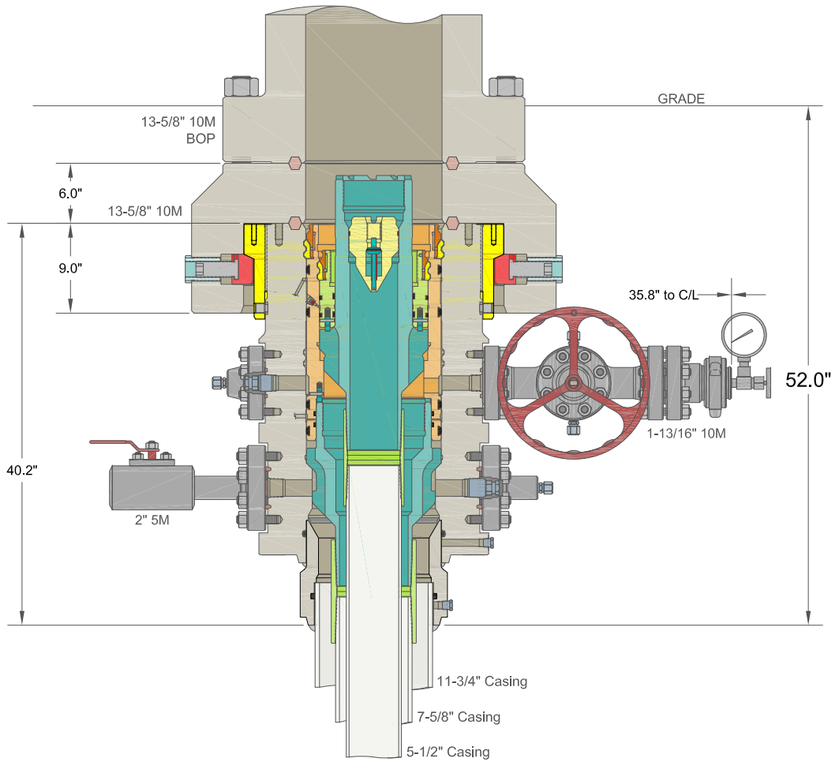
In the event cement is not circulated to surface on the first stage, whether intentionally or unintentionally, XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure 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 GE procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing:
Lead: 20 sxs VersaCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water)
Tail: 800 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 7.20 gal/sx water)
Compressives: 12-hr = 800 psi 24 hr = 1500psi
TOC: 300' inside previous shoe

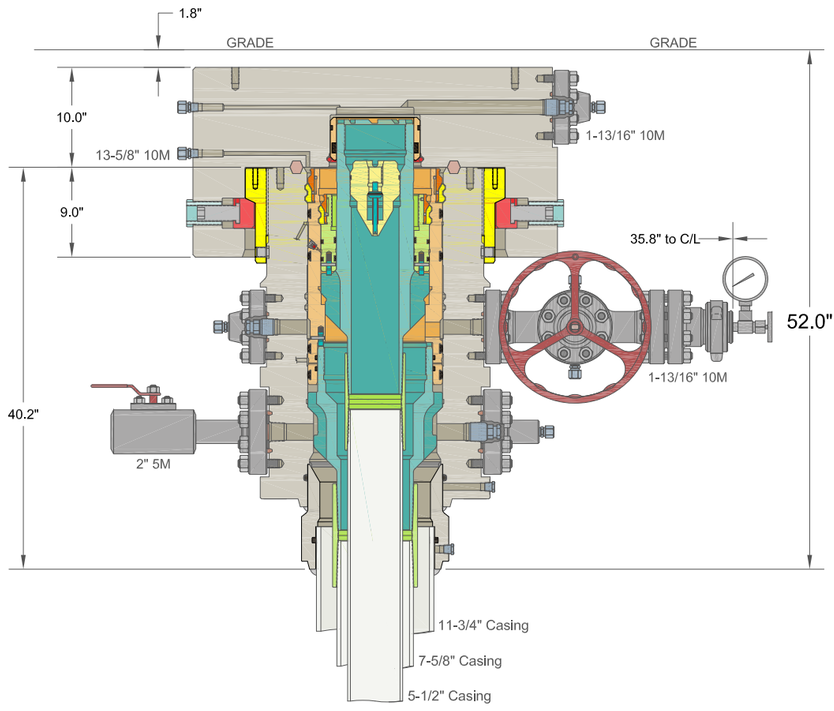
Mud Circulation Program

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 1166'	14-3/4"	FW / Native	8.4-8.8	35-40	NC
1166' - 10881'	8-3/4"	Brine / Cut Brine / Direct Emuslion	8.5-9.7	30-32	NC
10881' to 19395'	6-3/4"	Cut Brine / WBM / OBM	10.8-11.8	32-36	NC

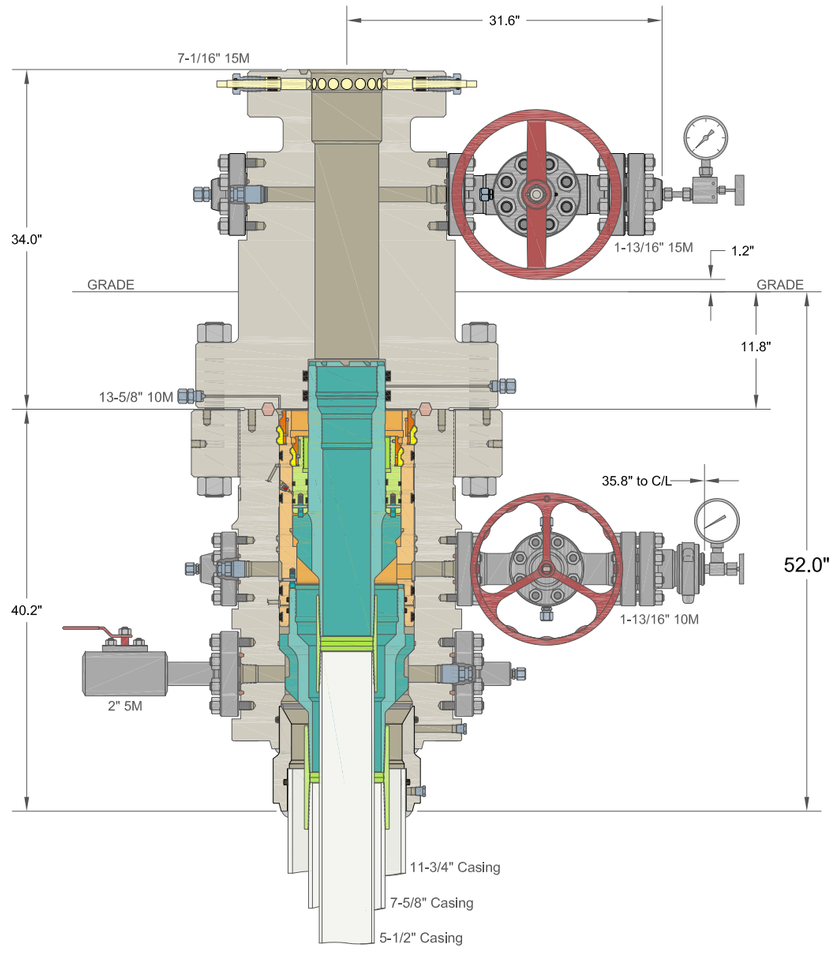
Spud with fresh water/native mud and set 11-3/4" surface casing, isolating the fresh water aquifer. Drill out from under 11-3/4" surface casing with a brine/oil direct emulsion mud system. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole 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.



DRILLING



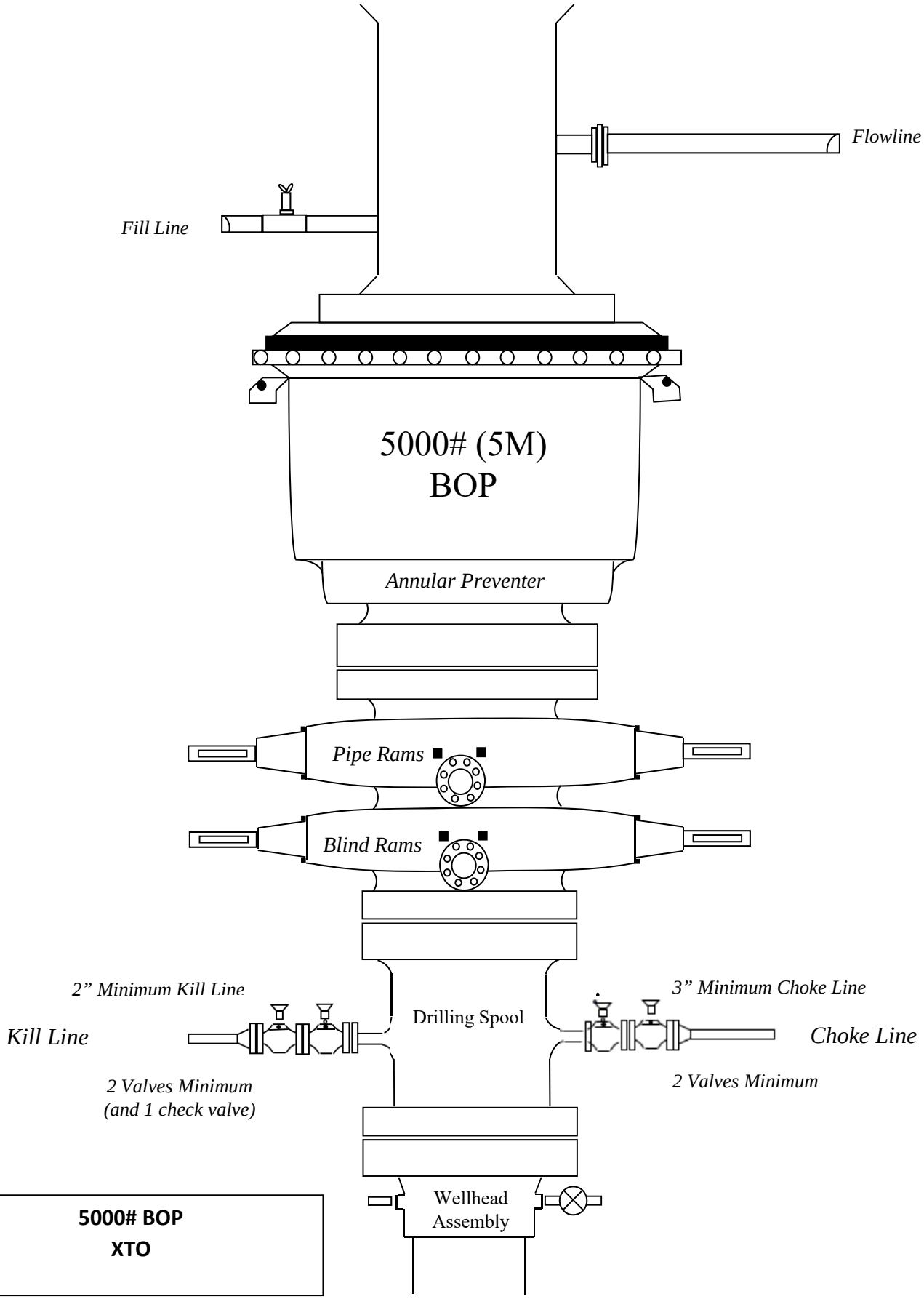
SKID



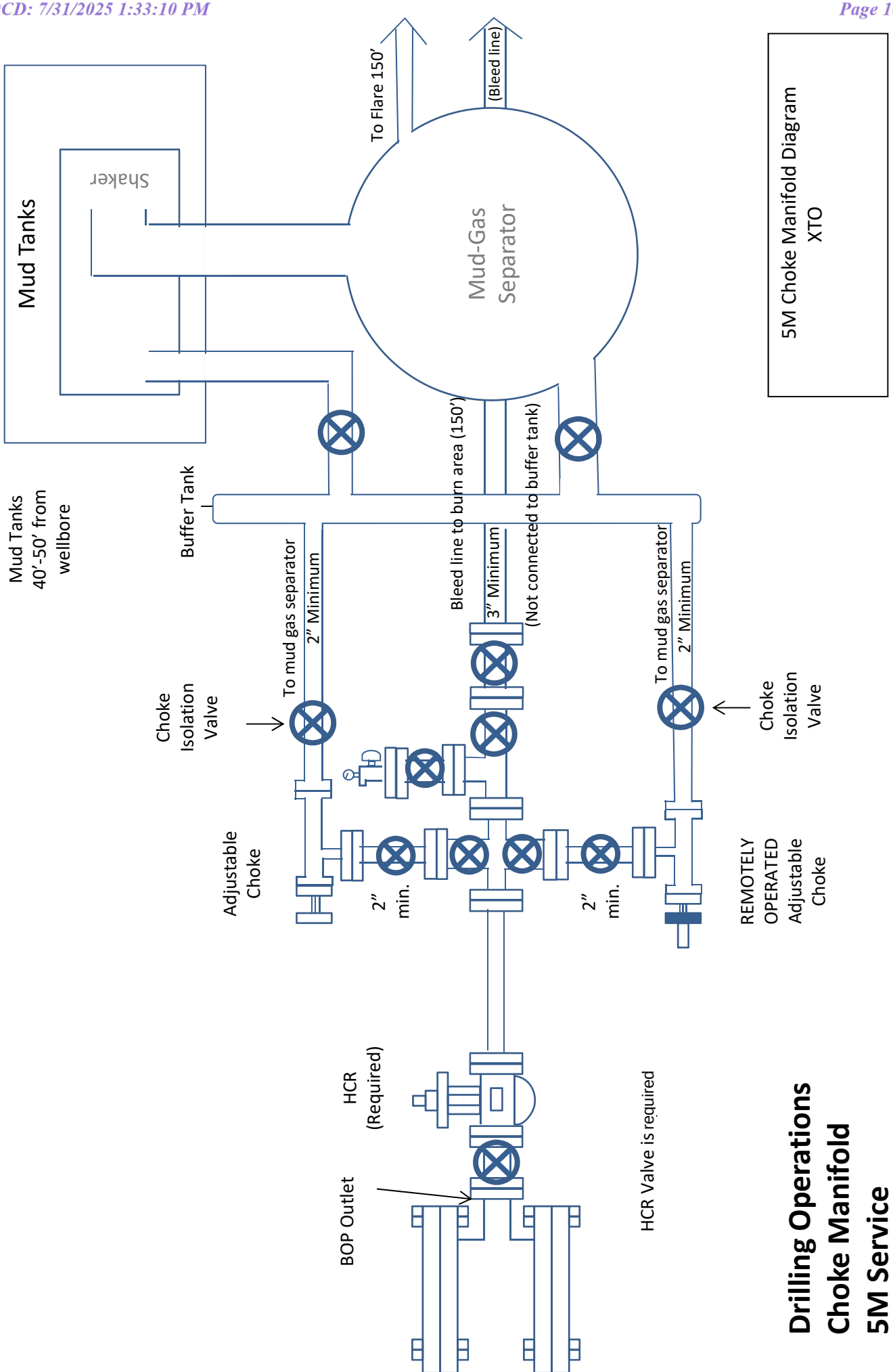
COMPLETION

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	


Flowline
Fill Line
5000# (5M)
BOP
Annular Preventer
Pipe Rams
Blind Rams
2" Minimum Kill Line
3" Minimum Choke Line
Kill Line
Drilling Spool
Choke Line
2 Valves Minimum
(and 1 check valve)
2 Valves Minimum
Wellhead
Assembly

5000# BOP
XTO


Mud Tanks
Shaker
To Flare 150'
(Bleed line)
Mud-Gas Separator
5M Choke Manifold Diagram
XTO
Mud Tanks 40'-50' from wellbore
Buffer Tank
Bleed line to burn area (150')
(Not connected to buffer tank)
3" Minimum
To mud gas separator
2" Minimum
Choke Isolation Valve
Adjustable Choke
2" min.
REMOTELY OPERATED Adjustable Choke
HCR (Required)
BOP Outlet
HCR Valve is required
Drilling Operations
Choke Manifold
5M Service

XTO Energy

Eddy County, NM (NAD-27)
PLU 29 Big Sinks
#707H

OH

Plan: PERMIT-v3

Standard Planning Report

11 November, 2020

XTO ENERGY

Project: Eddy County, NM (NAD-27)
Site: PLU 29 Big Sinks
Well: #707H
Wellbore: OH
Design: PERMIT-v3

PROJECT DETAILS: Eddy County, NM (NAD-27)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #707H

Rig Name: H&P 552
RKB = 24' @ 3361.00usft (H&P 552)
Ground Level: 3337.00

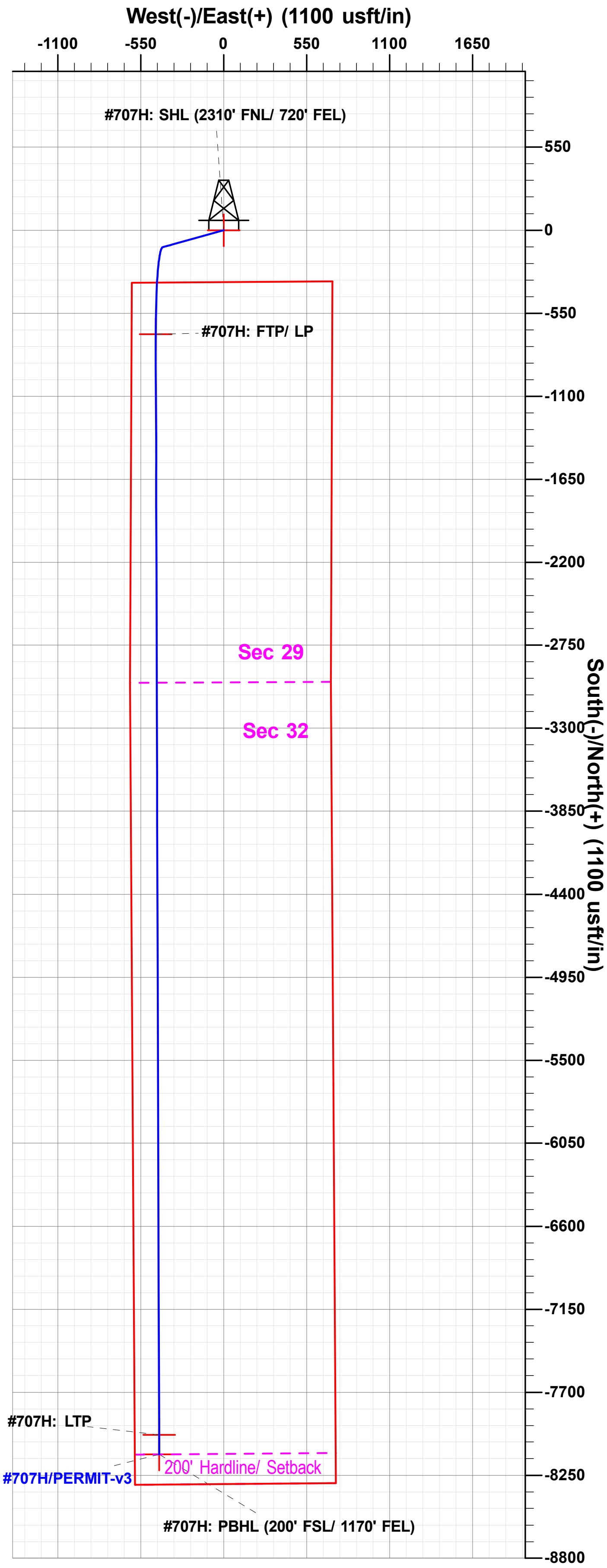
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.00	0.00	401283.20	667137.10	32.1020935	-103.7935767

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
#707H: SHL (2310' FNL/ 720' FEL)	0.00	0.00	0.00	401283.20	667137.10	32.1020935	-103.7935767	Point
#707H: PBHL (200' FSL/ 1170' FEL)	11582.13	-8112.40	-428.00	393170.80	666709.10	32.0797989	-103.7950896	Point
#707H: LTP	11582.81	-7982.40	-428.70	393300.80	666708.40	32.0801563	-103.7950898	Point
#707H: FTP/ LP	11621.00	-688.80	-450.90	400594.40	666686.20	32.1002062	-103.7950439	Point

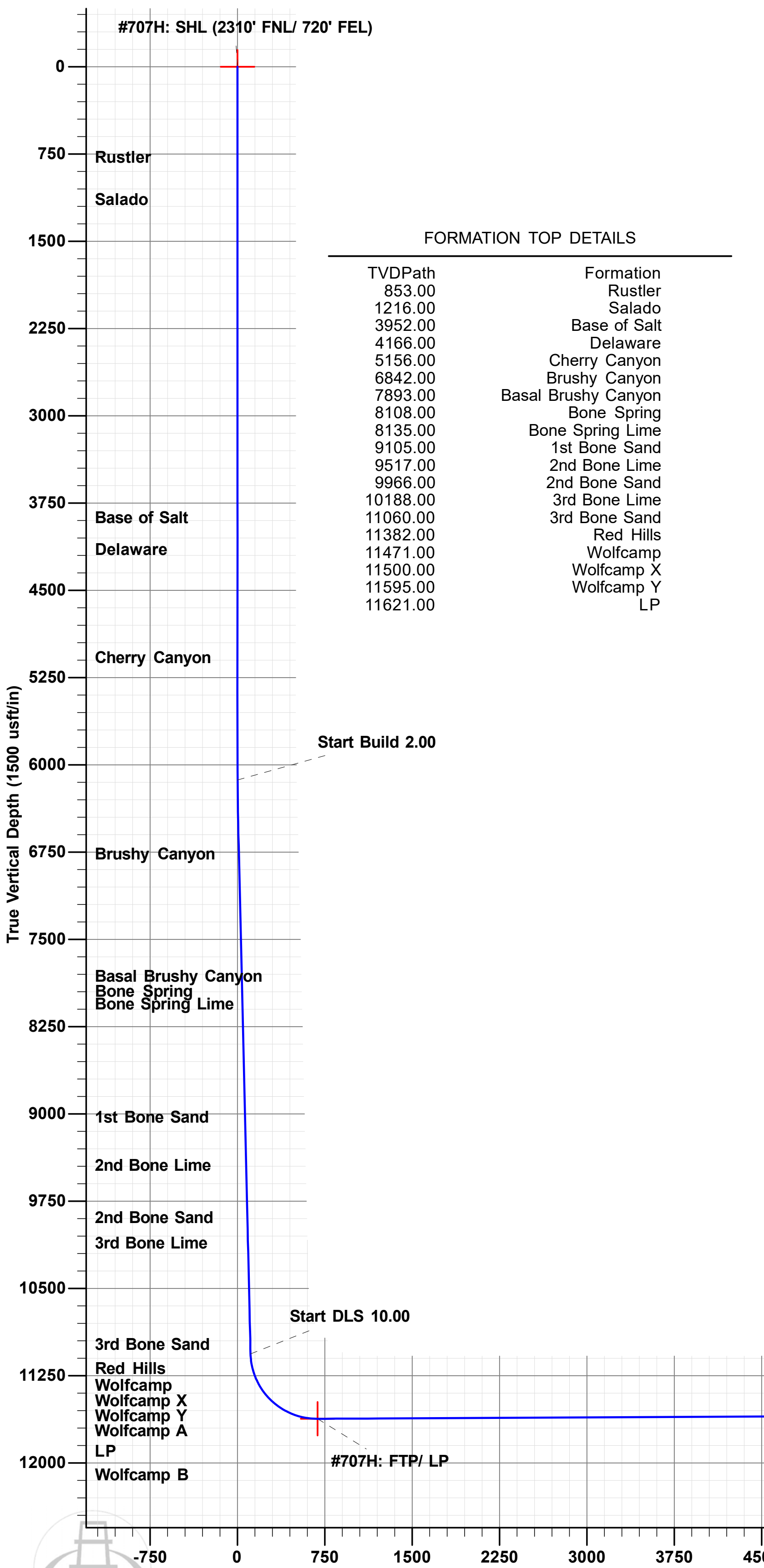
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	6130.00	0.00	0.00	6130.00	0.00	0.00	0.00	0.00	0.00
3	6380.07	5.00	254.44	6379.76	-2.93	-10.51	2.00	254.44	2.89
4	11081.52	5.00	254.44	11063.30	-112.86	-405.37	0.00	0.00	111.59
5	11971.26	90.30	179.82	11621.00	-688.80	-450.90	10.00	-74.65	687.38
6	19264.99	90.30	179.82	11582.81	-7982.40	-428.40	0.00	0.00	7981.01
7	19395.00	90.30	179.82	11582.13	-8112.40	-428.00	0.00	0.00	8111.02



FORMATION TOP DETAILS

TVDPath	Formation
853.00	Rustler
1216.00	Salado
3952.00	Base of Salt
4166.00	Delaware
5156.00	Cherry Canyon
6842.00	Brushy Canyon
7893.00	Basal Brushy Canyon
8108.00	Bone Spring
8135.00	Bone Spring Lime
9105.00	1st Bone Sand
9517.00	2nd Bone Lime
9966.00	2nd Bone Sand
10188.00	3rd Bone Lime
11060.00	3rd Bone Sand
11382.00	Red Hills
11471.00	Wolfcamp
11500.00	Wolfcamp X
11595.00	Wolfcamp Y
11621.00	LP



Vertical Section at 179.82° (1500 usft/in)

The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled ... supplied by Prototype are at the sole risk and responsibility of the user.

Plan: PERMIT-v3 (#707H/OH)

Created By: Prototype Well Planning, LLC Date: 8:14, November 11 2020

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Project Eddy County, NM (NAD-27)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site PLU 29 Big Sinks

Site Position:		**Northing:**	401,257.90 usft	**Latitude:**	32.1020766
From:	Map	**Easting:**	663,265.10 usft	**Longitude:**	-103.8060810
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.28 °

Well #707H

Well Position	**+N/-S**	25.30 usft	**Northing:**	401,283.20 usft	**Latitude:**	32.1020935
	+E/-W	3,872.00 usft	**Easting:**	667,137.10 usft	**Longitude:**	-103.7935767
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	0.00 usft	**Ground Level:**	3,337.00 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/08/17	7.00	59.91	47,794

Design PERMIT-v3

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	179.82

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,130.00	0.00	0.00	6,130.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,380.07	5.00	254.44	6,379.76	-2.93	-10.51	2.00	2.00	0.00	254.44	
11,081.52	5.00	254.44	11,063.30	-112.86	-405.37	0.00	0.00	0.00	0.00	
11,971.26	90.30	179.82	11,621.00	-688.80	-450.90	10.00	9.59	-8.39	-74.65	#707H: FTP/ LP
19,264.99	90.30	179.82	11,582.81	-7,982.40	-428.40	0.00	0.00	0.00	0.00	#707H: LTP
19,395.00	90.30	179.82	11,582.13	-8,112.40	-428.00	0.00	0.00	0.00	0.00	#707H: PBHL (200'

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,130.00	0.00	0.00	6,130.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	1.40	254.44	6,199.99	-0.23	-0.82	0.23	2.00	2.00	0.00
6,300.00	3.40	254.44	6,299.90	-1.35	-4.86	1.34	2.00	2.00	0.00
6,380.07	5.00	254.44	6,379.76	-2.93	-10.51	2.89	2.00	2.00	0.00
6,400.00	5.00	254.44	6,399.61	-3.39	-12.18	3.35	0.00	0.00	0.00
6,500.00	5.00	254.44	6,499.23	-5.73	-20.58	5.67	0.00	0.00	0.00
6,600.00	5.00	254.44	6,598.85	-8.07	-28.98	7.98	0.00	0.00	0.00
6,700.00	5.00	254.44	6,698.46	-10.41	-37.38	10.29	0.00	0.00	0.00
6,800.00	5.00	254.44	6,798.08	-12.75	-45.78	12.60	0.00	0.00	0.00
6,900.00	5.00	254.44	6,897.70	-15.08	-54.18	14.91	0.00	0.00	0.00
7,000.00	5.00	254.44	6,997.32	-17.42	-62.57	17.23	0.00	0.00	0.00
7,100.00	5.00	254.44	7,096.94	-19.76	-70.97	19.54	0.00	0.00	0.00
7,200.00	5.00	254.44	7,196.56	-22.10	-79.37	21.85	0.00	0.00	0.00
7,300.00	5.00	254.44	7,296.18	-24.44	-87.77	24.16	0.00	0.00	0.00
7,400.00	5.00	254.44	7,395.80	-26.78	-96.17	26.47	0.00	0.00	0.00
7,500.00	5.00	254.44	7,495.42	-29.11	-104.57	28.79	0.00	0.00	0.00
7,600.00	5.00	254.44	7,595.04	-31.45	-112.97	31.10	0.00	0.00	0.00
7,700.00	5.00	254.44	7,694.66	-33.79	-121.36	33.41	0.00	0.00	0.00
7,800.00	5.00	254.44	7,794.28	-36.13	-129.76	35.72	0.00	0.00	0.00
7,900.00	5.00	254.44	7,893.90	-38.47	-138.16	38.03	0.00	0.00	0.00
8,000.00	5.00	254.44	7,993.51	-40.81	-146.56	40.34	0.00	0.00	0.00
8,100.00	5.00	254.44	8,093.13	-43.14	-154.96	42.66	0.00	0.00	0.00
8,200.00	5.00	254.44	8,192.75	-45.48	-163.36	44.97	0.00	0.00	0.00
8,300.00	5.00	254.44	8,292.37	-47.82	-171.76	47.28	0.00	0.00	0.00
8,400.00	5.00	254.44	8,391.99	-50.16	-180.16	49.59	0.00	0.00	0.00
8,500.00	5.00	254.44	8,491.61	-52.50	-188.55	51.90	0.00	0.00	0.00
8,600.00	5.00	254.44	8,591.23	-54.84	-196.95	54.22	0.00	0.00	0.00
8,700.00	5.00	254.44	8,690.85	-57.17	-205.35	56.53	0.00	0.00	0.00
8,800.00	5.00	254.44	8,790.47	-59.51	-213.75	58.84	0.00	0.00	0.00
8,900.00	5.00	254.44	8,890.09	-61.85	-222.15	61.15	0.00	0.00	0.00
9,000.00	5.00	254.44	8,989.71	-64.19	-230.55	63.46	0.00	0.00	0.00
9,100.00	5.00	254.44	9,089.33	-66.53	-238.95	65.78	0.00	0.00	0.00
9,200.00	5.00	254.44	9,188.95	-68.87	-247.35	68.09	0.00	0.00	0.00
9,300.00	5.00	254.44	9,288.56	-71.20	-255.74	70.40	0.00	0.00	0.00
9,400.00	5.00	254.44	9,388.18	-73.54	-264.14	72.71	0.00	0.00	0.00
9,500.00	5.00	254.44	9,487.80	-75.88	-272.54	75.02	0.00	0.00	0.00
9,600.00	5.00	254.44	9,587.42	-78.22	-280.94	77.34	0.00	0.00	0.00
9,700.00	5.00	254.44	9,687.04	-80.56	-289.34	79.65	0.00	0.00	0.00
9,800.00	5.00	254.44	9,786.66	-82.90	-297.74	81.96	0.00	0.00	0.00
9,900.00	5.00	254.44	9,886.28	-85.23	-306.14	84.27	0.00	0.00	0.00
10,000.00	5.00	254.44	9,985.90	-87.57	-314.54	86.58	0.00	0.00	0.00
10,100.00	5.00	254.44	10,085.52	-89.91	-322.93	88.90	0.00	0.00	0.00
10,200.00	5.00	254.44	10,185.14	-92.25	-331.33	91.21	0.00	0.00	0.00
10,300.00	5.00	254.44	10,284.76	-94.59	-339.73	93.52	0.00	0.00	0.00
10,400.00	5.00	254.44	10,384.38	-96.93	-348.13	95.83	0.00	0.00	0.00
10,500.00	5.00	254.44	10,484.00	-99.26	-356.53	98.14	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,600.00	5.00	254.44	10,583.62	-101.60	-364.93	100.46	0.00	0.00	0.00
10,700.00	5.00	254.44	10,683.23	-103.94	-373.33	102.77	0.00	0.00	0.00
10,800.00	5.00	254.44	10,782.85	-106.28	-381.73	105.08	0.00	0.00	0.00
10,900.00	5.00	254.44	10,882.47	-108.62	-390.12	107.39	0.00	0.00	0.00
11,000.00	5.00	254.44	10,982.09	-110.96	-398.52	109.70	0.00	0.00	0.00
11,081.52	5.00	254.44	11,063.30	-112.86	-405.37	111.59	0.00	0.00	0.00
11,100.00	5.77	236.43	11,081.70	-113.59	-406.92	112.31	10.00	4.17	-97.47
11,150.00	9.48	210.19	11,131.26	-118.55	-411.09	117.25	10.00	7.42	-52.49
11,200.00	14.02	199.60	11,180.21	-127.82	-415.19	126.51	10.00	9.06	-21.16
11,250.00	18.78	194.21	11,228.16	-141.33	-419.20	140.01	10.00	9.54	-10.78
11,300.00	23.64	190.96	11,274.76	-158.99	-423.09	157.66	10.00	9.72	-6.51
11,350.00	28.55	188.77	11,319.65	-180.66	-426.82	179.31	10.00	9.81	-4.38
11,400.00	33.48	187.18	11,362.49	-206.17	-430.37	204.81	10.00	9.87	-3.18
11,450.00	38.43	185.95	11,402.95	-235.33	-433.70	233.96	10.00	9.90	-2.45
11,500.00	43.39	184.97	11,440.73	-267.91	-436.80	266.54	10.00	9.92	-1.97
11,550.00	48.36	184.15	11,475.53	-303.68	-439.64	302.30	10.00	9.93	-1.64
11,600.00	53.33	183.45	11,507.09	-342.35	-442.21	340.96	10.00	9.94	-1.40
11,650.00	58.30	182.84	11,535.18	-383.64	-444.47	382.24	10.00	9.95	-1.23
11,700.00	63.28	182.28	11,559.57	-427.22	-446.41	425.82	10.00	9.95	-1.10
11,750.00	68.26	181.78	11,580.09	-472.77	-448.02	471.36	10.00	9.96	-1.01
11,800.00	73.24	181.30	11,596.57	-519.94	-449.29	518.53	10.00	9.96	-0.94
11,850.00	78.22	180.86	11,608.89	-568.38	-450.20	566.96	10.00	9.96	-0.90
11,900.00	83.20	180.43	11,616.96	-617.70	-450.75	616.28	10.00	9.96	-0.86
11,950.00	88.18	180.00	11,620.72	-667.54	-450.93	666.12	10.00	9.96	-0.85
11,971.26	90.30	179.82	11,621.00	-688.80	-450.90	687.38	10.00	9.96	-0.84
12,000.00	90.30	179.82	11,620.85	-717.54	-450.81	716.12	0.00	0.00	0.00
12,100.00	90.30	179.82	11,620.33	-817.54	-450.50	816.12	0.00	0.00	0.00
12,200.00	90.30	179.82	11,619.80	-917.54	-450.19	916.12	0.00	0.00	0.00
12,300.00	90.30	179.82	11,619.28	-1,017.53	-449.89	1,016.12	0.00	0.00	0.00
12,400.00	90.30	179.82	11,618.76	-1,117.53	-449.58	1,116.11	0.00	0.00	0.00
12,500.00	90.30	179.82	11,618.23	-1,217.53	-449.27	1,216.11	0.00	0.00	0.00
12,600.00	90.30	179.82	11,617.71	-1,317.53	-448.96	1,316.11	0.00	0.00	0.00
12,700.00	90.30	179.82	11,617.18	-1,417.53	-448.65	1,416.11	0.00	0.00	0.00
12,800.00	90.30	179.82	11,616.66	-1,517.53	-448.34	1,516.11	0.00	0.00	0.00
12,900.00	90.30	179.82	11,616.14	-1,617.52	-448.04	1,616.11	0.00	0.00	0.00
13,000.00	90.30	179.82	11,615.61	-1,717.52	-447.73	1,716.11	0.00	0.00	0.00
13,100.00	90.30	179.82	11,615.09	-1,817.52	-447.42	1,816.11	0.00	0.00	0.00
13,200.00	90.30	179.82	11,614.57	-1,917.52	-447.11	1,916.10	0.00	0.00	0.00
13,300.00	90.30	179.82	11,614.04	-2,017.52	-446.80	2,016.10	0.00	0.00	0.00
13,400.00	90.30	179.82	11,613.52	-2,117.51	-446.49	2,116.10	0.00	0.00	0.00
13,500.00	90.30	179.82	11,613.00	-2,217.51	-446.18	2,216.10	0.00	0.00	0.00
13,600.00	90.30	179.82	11,612.47	-2,317.51	-445.88	2,316.10	0.00	0.00	0.00
13,700.00	90.30	179.82	11,611.95	-2,417.51	-445.57	2,416.10	0.00	0.00	0.00
13,800.00	90.30	179.82	11,611.43	-2,517.51	-445.26	2,516.10	0.00	0.00	0.00
13,900.00	90.30	179.82	11,610.90	-2,617.50	-444.95	2,616.09	0.00	0.00	0.00
14,000.00	90.30	179.82	11,610.38	-2,717.50	-444.64	2,716.09	0.00	0.00	0.00
14,100.00	90.30	179.82	11,609.85	-2,817.50	-444.33	2,816.09	0.00	0.00	0.00
14,200.00	90.30	179.82	11,609.33	-2,917.50	-444.03	2,916.09	0.00	0.00	0.00
14,300.00	90.30	179.82	11,608.81	-3,017.50	-443.72	3,016.09	0.00	0.00	0.00
14,400.00	90.30	179.82	11,608.28	-3,117.50	-443.41	3,116.09	0.00	0.00	0.00
14,500.00	90.30	179.82	11,607.76	-3,217.49	-443.10	3,216.09	0.00	0.00	0.00
14,600.00	90.30	179.82	11,607.24	-3,317.49	-442.79	3,316.08	0.00	0.00	0.00
14,700.00	90.30	179.82	11,606.71	-3,417.49	-442.48	3,416.08	0.00	0.00	0.00
14,800.00	90.30	179.82	11,606.19	-3,517.49	-442.17	3,516.08	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,900.00	90.30	179.82	11,605.67	-3,617.49	-441.87	3,616.08	0.00	0.00	0.00
15,000.00	90.30	179.82	11,605.14	-3,717.48	-441.56	3,716.08	0.00	0.00	0.00
15,100.00	90.30	179.82	11,604.62	-3,817.48	-441.25	3,816.08	0.00	0.00	0.00
15,200.00	90.30	179.82	11,604.09	-3,917.48	-440.94	3,916.08	0.00	0.00	0.00
15,300.00	90.30	179.82	11,603.57	-4,017.48	-440.63	4,016.08	0.00	0.00	0.00
15,400.00	90.30	179.82	11,603.05	-4,117.48	-440.32	4,116.07	0.00	0.00	0.00
15,500.00	90.30	179.82	11,602.52	-4,217.48	-440.01	4,216.07	0.00	0.00	0.00
15,600.00	90.30	179.82	11,602.00	-4,317.47	-439.71	4,316.07	0.00	0.00	0.00
15,700.00	90.30	179.82	11,601.48	-4,417.47	-439.40	4,416.07	0.00	0.00	0.00
15,800.00	90.30	179.82	11,600.95	-4,517.47	-439.09	4,516.07	0.00	0.00	0.00
15,900.00	90.30	179.82	11,600.43	-4,617.47	-438.78	4,616.07	0.00	0.00	0.00
16,000.00	90.30	179.82	11,599.91	-4,717.47	-438.47	4,716.07	0.00	0.00	0.00
16,100.00	90.30	179.82	11,599.38	-4,817.46	-438.16	4,816.06	0.00	0.00	0.00
16,200.00	90.30	179.82	11,598.86	-4,917.46	-437.86	4,916.06	0.00	0.00	0.00
16,300.00	90.30	179.82	11,598.34	-5,017.46	-437.55	5,016.06	0.00	0.00	0.00
16,400.00	90.30	179.82	11,597.81	-5,117.46	-437.24	5,116.06	0.00	0.00	0.00
16,500.00	90.30	179.82	11,597.29	-5,217.46	-436.93	5,216.06	0.00	0.00	0.00
16,600.00	90.30	179.82	11,596.76	-5,317.46	-436.62	5,316.06	0.00	0.00	0.00
16,700.00	90.30	179.82	11,596.24	-5,417.45	-436.31	5,416.06	0.00	0.00	0.00
16,800.00	90.30	179.82	11,595.72	-5,517.45	-436.00	5,516.05	0.00	0.00	0.00
16,900.00	90.30	179.82	11,595.19	-5,617.45	-435.70	5,616.05	0.00	0.00	0.00
17,000.00	90.30	179.82	11,594.67	-5,717.45	-435.39	5,716.05	0.00	0.00	0.00
17,100.00	90.30	179.82	11,594.15	-5,817.45	-435.08	5,816.05	0.00	0.00	0.00
17,200.00	90.30	179.82	11,593.62	-5,917.44	-434.77	5,916.05	0.00	0.00	0.00
17,300.00	90.30	179.82	11,593.10	-6,017.44	-434.46	6,016.05	0.00	0.00	0.00
17,400.00	90.30	179.82	11,592.58	-6,117.44	-434.15	6,116.05	0.00	0.00	0.00
17,500.00	90.30	179.82	11,592.05	-6,217.44	-433.85	6,216.04	0.00	0.00	0.00
17,600.00	90.30	179.82	11,591.53	-6,317.44	-433.54	6,316.04	0.00	0.00	0.00
17,700.00	90.30	179.82	11,591.00	-6,417.43	-433.23	6,416.04	0.00	0.00	0.00
17,800.00	90.30	179.82	11,590.48	-6,517.43	-432.92	6,516.04	0.00	0.00	0.00
17,900.00	90.30	179.82	11,589.96	-6,617.43	-432.61	6,616.04	0.00	0.00	0.00
18,000.00	90.30	179.82	11,589.43	-6,717.43	-432.30	6,716.04	0.00	0.00	0.00
18,100.00	90.30	179.82	11,588.91	-6,817.43	-431.99	6,816.04	0.00	0.00	0.00
18,200.00	90.30	179.82	11,588.39	-6,917.43	-431.69	6,916.04	0.00	0.00	0.00
18,300.00	90.30	179.82	11,587.86	-7,017.42	-431.38	7,016.03	0.00	0.00	0.00
18,400.00	90.30	179.82	11,587.34	-7,117.42	-431.07	7,116.03	0.00	0.00	0.00
18,500.00	90.30	179.82	11,586.82	-7,217.42	-430.76	7,216.03	0.00	0.00	0.00
18,600.00	90.30	179.82	11,586.29	-7,317.42	-430.45	7,316.03	0.00	0.00	0.00
18,700.00	90.30	179.82	11,585.77	-7,417.42	-430.14	7,416.03	0.00	0.00	0.00
18,800.00	90.30	179.82	11,585.25	-7,517.41	-429.84	7,516.03	0.00	0.00	0.00
18,900.00	90.30	179.82	11,584.72	-7,617.41	-429.53	7,616.03	0.00	0.00	0.00
19,000.00	90.30	179.82	11,584.20	-7,717.41	-429.22	7,716.02	0.00	0.00	0.00
19,100.00	90.30	179.82	11,583.67	-7,817.41	-428.91	7,816.02	0.00	0.00	0.00
19,200.00	90.30	179.82	11,583.15	-7,917.41	-428.60	7,916.02	0.00	0.00	0.00
19,264.99	90.30	179.82	11,582.81	-7,982.40	-428.40	7,981.01	0.00	0.00	0.00
19,300.00	90.30	179.82	11,582.63	-8,017.41	-428.29	8,016.02	0.00	0.00	0.00
19,395.00	90.30	179.82	11,582.13	-8,112.40	-428.00	8,111.02	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	XTO Energy	**TVD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Project:	Eddy County, NM (NAD-27)	**MD Reference:**	RKB = 24' @ 3361.00usft (H&P 552)
Site:	PLU 29 Big Sinks	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT-v3		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
#707H: SHL (2310' FN - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	401,283.20	667,137.10	32.1020935	-103.7935767
#707H: PBHL (200' FS - plan hits target center - Point	0.00	0.00	11,582.13	-8,112.40	-428.00	393,170.80	666,709.10	32.0797990	-103.7950896
#707H: LTP - plan misses target center by 0.30usft at 19264.99usft MD (11582.81 TVD, -7982.40 N, -428.40 E) - Point	0.00	0.00	11,582.81	-7,982.40	-428.70	393,300.80	666,708.40	32.0801563	-103.7950898
#707H: FTP/ LP - plan hits target center - Point	0.00	0.01	11,621.00	-688.80	-450.90	400,594.40	666,686.20	32.1002063	-103.7950439

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
853.00	853.00	Rustler			
1,216.00	1,216.00	Salado			
3,952.00	3,952.00	Base of Salt			
4,166.00	4,166.00	Delaware			
5,156.00	5,156.00	Cherry Canyon			
6,844.08	6,842.00	Brushy Canyon			
7,899.10	7,893.00	Basal Brushy Canyon			
8,114.92	8,108.00	Bone Spring			
8,142.03	8,135.00	Bone Spring Lime			
9,115.73	9,105.00	1st Bone Sand			
9,529.31	9,517.00	2nd Bone Lime			
9,980.02	9,966.00	2nd Bone Sand			
10,202.87	10,188.00	3rd Bone Lime			
11,078.21	11,060.00	3rd Bone Sand			
11,423.72	11,382.00	Red Hills			
11,543.23	11,471.00	Wolfcamp			
11,588.29	11,500.00	Wolfcamp X			
11,794.64	11,595.00	Wolfcamp Y			
11,971.26	11,621.00	LP			

XTO respectfully requests approval to utilize a spudder rig to pre-set surface casing.

Description of Operations:

1. Spudder rig will move in to drill the surface hole and pre-set surface casing on the well.
    a. After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
    b. The spudder rig will utilize fresh water-based mud to drill the surface hole to TD. Solids control will be handled entirely on a closed loop basis. No earth pits will be used.
2. The wellhead will be installed and tested as soon as the surface casing is cut off and WOC time has been reached.
3. A blind flange at the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with needle valves installed on two wing valves.
    a. A means for intervention will be maintained while the drilling rig is not over the well.
4. Spudder rig operations are expected to take 2-3 days per well on the pad.
5. The BLM will be contacted and notified 24 hours prior to commencing spudder rig operations.
6. Drilling Operations will begin with a larger rig and a BOP stack equal to or greater than the pressure rating that was permitted will be nippled up and tested on the wellhead before drilling operations resume on each well.
    a. The larger rig will move back onto the location within 180 days from the point at which the wells are secured and the spudder rig is moved off location.
    b. The BLM will be notified 24 hours before the larger rig moves back on the pre-set locations
7. XTO will have supervision on the rig to ensure compliance with all BLM and NMOCD regulations and to oversee operations.
8. Once the rig is removed, XTO will secure the wellhead area by placing a guard rail around the cellar area.

XTO Permian Operating, LLC Offline Cementing Variance Request

XTO requests the option to cement the surface and intermediate casing strings offline as a prudent batch drilling efficiency of acreage development.

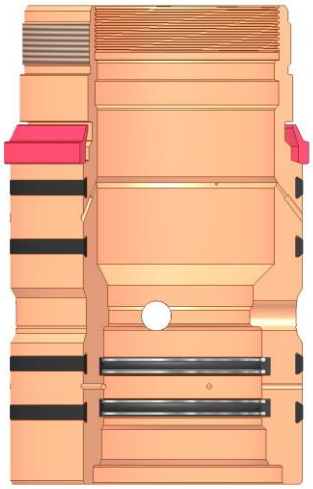
1. Cement Program

No changes to the cement program will take place for offline cementing.

2. Offline Cementing Procedure

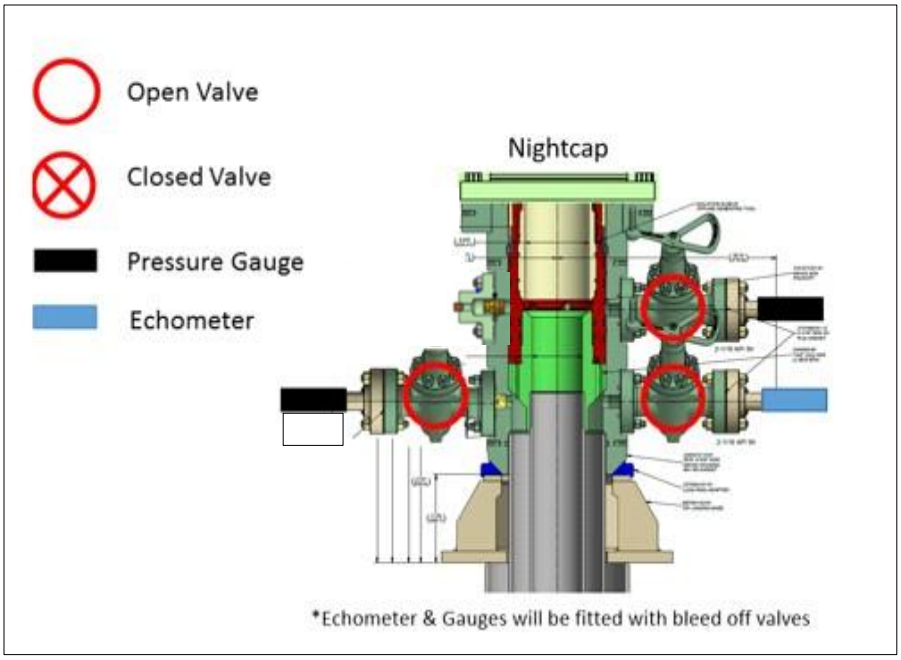
The operational sequence will be as follows. If a well control event occurs, the BLM will be contacted for approval prior to conducting offline cementing operations.

1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe)
2. Land casing with mandrel
3. Fill pipe with kill weight fluid, do not circulate through floats and confirm well is static
4. Set annular packoff shown below and pressure test to confirm integrity of the seal. Pressure ratings of wellhead components and valves is 5,000 psi.
5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange.
    a. If any barrier fails to test, the BOP stack will not be nippled down until after the cement job is completed with cement 500ft above the highest formation capable of flow with kill weight mud above or after it has achieved 50-psi compressive strength if kill weight fluid cannot be verified.



Annular packoff with both external and internal seals

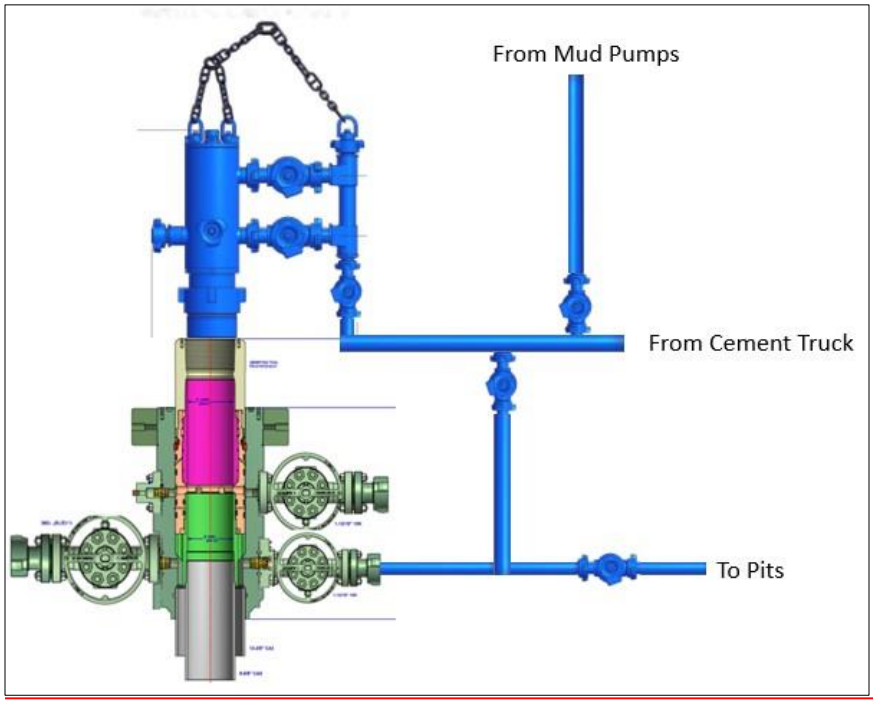
XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during skidding operations

6. Skid rig to next well on pad.
7. Confirm well is static before removing cap flange, flange will not be removed and offline cementing operations will not commence until well is under control. If well is not static, casing outlet valves will provide access to both the casing ID and annulus. Rig or third party pump truck will kill well prior to cementing or nippling up for further remediation.
    a. Well Control Plan
        i. The Drillers Method will be the primary well control method to regain control of the wellbore prior to cementing, if wellbore conditions do not permit the drillers method other methods of well control may be used
        ii. Rig pumps or a 3rd party pump will be tied into the upper casing valve to pump down the casing ID
        iii. A high pressure return line will be rigged up to lower casing valve and run to choke manifold to control annular pressure
        iv. Once influx is circulated out of the hole, kill weight mud will be circulated
        v. Well will be confirmed static
        vi. Once confirmed static, cap flange will be removed to allow for offline cementing operations to commence
8. Install offline cement tool
9. Rig up cement equipment

XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during offline cementing operations

10. Circulate bottoms up with cement truck
    a. If gas is present on bottoms up, well will be shut in and returns rerouted through gas buster to handle entrained gas
    b. Max anticipated time before circulating with cement truck is 6 hrs
11. Perform cement job taking returns from the annulus wellhead valve
12. Confirm well is static and floats are holding after cement job
13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for monitoring.

Subject: Request for a Variance Allowing break Testing of the Blowout Preventer Equipment (BOPE)

XTO Energy requests a variance to ONLY test broken pressure seals on the BOPE and function test BOP when skidding a drilling rig between multiple wells on a pad.

Background

Onshore Oil and Gas Order (OOGO) No. 2, Drilling Operations, Sections III.A.2.i.iv.B states that the BOP test must be performed whenever any seal subject to test pressure is broken. The current interpretation of the Bureau of Land Management (BLM) requires a complete BOP test and not just a test of the affected component. OOGO No. 2, Section I.D.2 states, "Some situation may exist either on a well-by-well basis or field-wide basis whereby it is commonly accepted practice to vary a particular minimum standard(s) established in this order. This situation can be resolved by requesting a variance…". XTO Energy feels the break testing the BOPE is such a situation. Therefore, as per OOGO No. 2, Section IV., XTO Energy submits this request for the variance.

Supporting Documentation

OOGO No. 2 became effective on December 19, 1988 and has remained the standard for regulating BLM onshore drilling operations for over 30 years. During this time there have been significant changes in drilling technology. BLM continues to use the variance request process to allow for the use of modern technology and acceptable engineering practices that have arisen since OOGO No. 2 was originally released. The XTO Energy drilling rig fleet has many modern upgrades that allow the intact BOP stack to be moved between well slots on a multi-well pad, as well as, wellhead designs that incorporate quick connects facilitating release of the BOP from the wellhead without breaking any BOP stack components apart. These technologies have been used extensively offshore, and other regulators, API, and many operators around the world have endorsed break testing as safe and reliable.

Figure 1: Winch System attached to BOP Stack

Figure 2: BOP Winch System

American Petroleum Institute (API) standards, specification and recommended practices are considered the industry standard and are consistently utilized and referenced by the industry. OOGO No. 2 recognizes API recommended Practices (RP) 53 in its original development. API Standard 53, *Well Control Equipment Systems for Drilling Wells* (Fifth Edition, December 2018, Annex C, Table C.4) recognizes break testing as an acceptable practice. Specifically, API Standard 53, Section 5.3.7.1 states "A pressure test of the pressure containing component shall be performed following the disconnection or repair, limited to the affected component." See Table C.4 below for reference.

62 API STANDARD 53

Table C.4—Initial Pressure Testing, Surface BOP Stacks

Component to be Pressure Tested	Pressure Test—Low Pressure[ac] psig (MPa)	Pressure Test—High Pressure[ac]	
		Change Out of Component, Elastomer, or Ring Gasket	No Change Out of Component, Elastomer, or Ring Gasket
Annular preventer[b]	250 to 350 (1.72 to 2.41)	RWP of annular preventer	MASP or 70% annular RWP, whichever is lower.
Fixed pipe, variable bore, blind, and BSR preventers[bd]	250 to 350 (1.72 to 2.41)	RWP of ram preventer or wellhead system, whichever is lower	ITP
Choke and kill line and BOP side outlet valves below ram preventers (both sides)	250 to 350 (1.72 to 2.41)	RWP of side outlet valve or wellhead system, whichever is lower	ITP
Choke manifold—upstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of ram preventers or wellhead system, whichever is lower	ITP
Choke manifold—downstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of valve(s), line(s), or MASP for the well program, whichever is lower	
Kelly, kelly valves, drill pipe safety valves, IBOPs	250 to 350 (1.72 to 2.41)	MASP for the well program	

[a] Pressure test evaluation periods shall be a minimum of five minutes.
No visible leaks.
The pressure shall remain stable during the evaluation period. The pressure shall not decrease below the intended test pressure.

[b] Annular(s) and VBR(s) shall be pressure tested on the largest and smallest OD drill pipe to be used in well program.

[c] For pad drilling operations, moving from one wellhead to another within the 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

[d] For surface offshore operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented during the initial test. For land operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented at commissioning and annually.

[e] Adjustable chokes are not required to be full sealing devices. Pressure testing against a closed choke is not required.

The Bureau of Safety and Environmental Enforcement (BSEE), Department of Interior, has also utilized the API standards, specification and best practices in the development of its offshore oil and gas regulations and incorporates them by reference within its regulations.

Break testing has been approved by the BLM in the past with other operators based on the detailed information provided in this document.

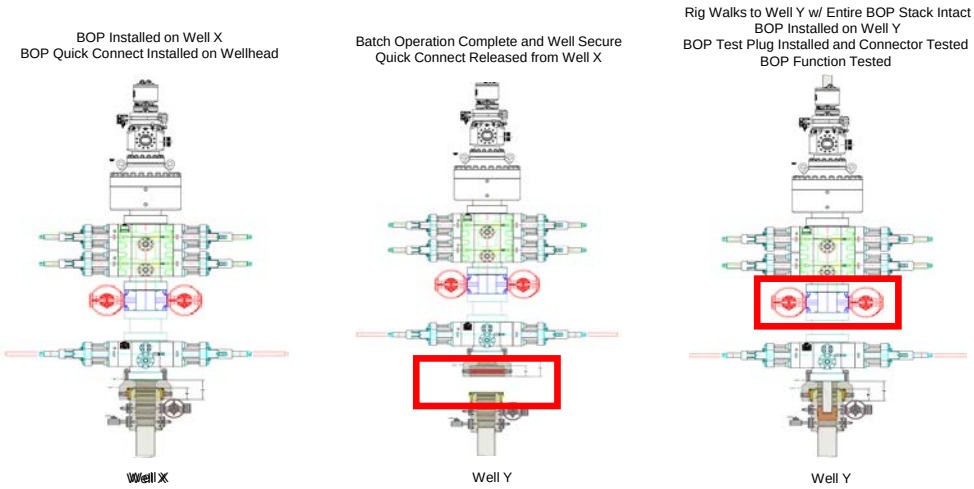
XTO Energy feels break testing and our current procedures meet the intent of OOGO No. 2 and often exceed it. There has been no evidence that break testing results in more components failing than seen on full BOP tests. XTO Energy's internal standards requires complete BOPE tests more often than that of OOGO No. 2 (Every 21 days). In addition to function testing the annular, pipe rams and blind rams after each BOP nipple up, XTO Energy performs a choke drill with the rig crew prior to drilling out every casing shoe. This is additional training for the rig crew that exceeds the requirements of the OOGO No.2.

Procedures

1. XTO Energy will use this document for our break testing plan for New Mexico Delaware basin. The summary below will be referenced in the APD or Sundry Notice and receive approval prior to implementing this variance.
2. XTO Energy will perform BOP break testing on multi-wells pads where multiple intermediate sections can be drilled and cased within the 21-day BOP test window.
    a. A full BOP test will be conducted on the first well on the pad.
    b. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
        i. Our Lower WC targets set the intermediate casing shoe no deeper than the Wolfcamp B.
        ii. Our Upper WC targets set the intermediate casing shoe shallower than the Wolfcamp B.
    c. A Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
    d. A full BOP test will be required prior to drilling any production hole.
3. After performing a complete BOP test on the first well, the intermediate hole section will be drilled and cased, two breaks would be made on the BOP equipment.
    a. Between the HCV valve and choke line connection
    b. Between the BOP quick connect and the wellhead
4. The BOP is then lifted and removed from the wellhead by a hydraulic system.
5. After skidding to the next well, the BOP is moved to the wellhead by the same hydraulic system and installed.
6. The connections mentioned in 3a and 3b will then be reconnected.
7. Install test plug into the wellhead using test joint or drill pipe.
8. A shell test is performed against the upper pipe rams testing the two breaks.
9. The shell test will consist of a 250 psi low test and a high test to the value submitted in the APD or Sundry (e.g. 5,000 psi or 10,000psi).
10. Function test will be performed on the following components: lower pipe rams, blind rams, and annular.

11. For a multi-well pad the same two breaks on the BOP would be made and on the next wells and steps 4 through 10 would be repeated.
12. A second break test would only be done if the intermediate hole section being drilled could not be completed within the 21 day BOP test window.

Note: Picture below highlights BOP components that will be tested during batch operations



Summary

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.

The BOP will be secured by a hydraulic carrier or cradle. The BLM will be contacted if a Well Control event occurs prior to the commencement of a BOPE Break Testing operation.

Based on discussions with the BLM on February 27th 2020 and the supporting documentation submitted to the BLM, 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. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.

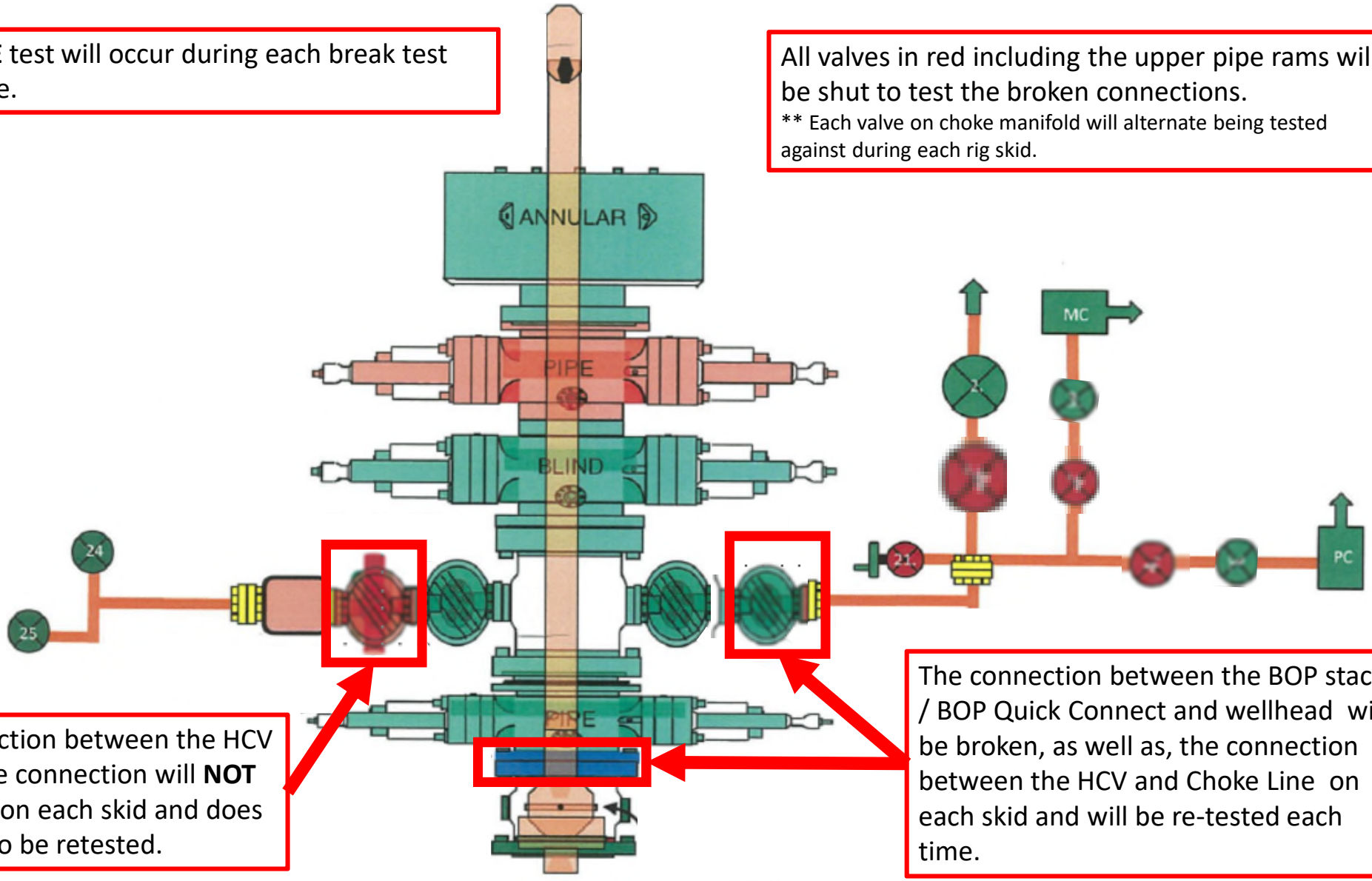
3. Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.

4. Full BOP test will be required prior to drilling the production hole.

Only **ONE** test will occur during each break test procedure.

All valves in red including the upper pipe rams will be shut to test the broken connections.

** Each valve on choke manifold will alternate being tested against during each rig skid.



The connection between the HCV and kill line connection will **NOT** be broken on each skid and does not need to be retested.

The connection between the BOP stack / BOP Quick Connect and wellhead will be broken, as well as, the connection between the HCV and Choke Line on each skid and will be re-tested each time.

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**XTO Permian Operating, LLC**
LEASE NO.:	**NMLC-062140A**
WELL NAME & NO.:	**Poker Lake Unit 29 BS 707H**
SURFACE HOLE FOOTAGE:	**2310' FNL & 0720' FEL**
BOTTOM HOLE FOOTAGE	**0200' FSL & 1170' FEL Sec. 32, T.25 S., R.31 E.**
LOCATION:	**Section 29, T.25 S., R.31 E., NMPM**
COUNTY:	**Eddy County, New Mexico**

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

Possibility of water flows in the Salado and Castile.
Possibility of lost circulation in the Red Beds, Rustler, and Delaware.
Abnormal pressure may be encountered in the 3rd Bone Spring and all subsequent formations.

A. HYDROGEN SULFIDE

Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

B. CASING

1. The **11-3/4** inch surface casing shall be set at approximately **1170** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite and above the salt) and cemented to the surface.

    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 **8 hours** 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.

    Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

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

    - Cement as proposed. Report Echo meter results on subsequent sundry.

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

    - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

C. PRESSURE CONTROL

1. 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.

BOP Break Testing Variance

- Shelll testing is not approved for any portion of the hole with a MASP of 5000 psi or greater.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer prior to the commencement of any BOP Break Testing operations.
- A full BOP test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOP test will be required.

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)

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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 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.

3. 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.

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

5. 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.

6. 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.

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.

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. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer.

    c. 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.

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

    e. 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.

f. 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.

g. 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.

JAM 11302020

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:	OGRID:
XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	373075
	Action Number: 490955
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	7/31/2025
dmcclure	Correct all past production to the correct the pool.	7/31/2025
dmcclure	Submit a C-104 packet for the correct pool.	7/31/2025