AFMSS

U.S. Department of the Interior
Bureau of Land Management

Application for Permit to Drill

APD Package Report

Date Printed: 08/19/2024 08:33 AM

APD ID:	10400089100	Well Status:	AAPD
APD Received Date:	11/28/2022 05:38 AM	Well Name:	CORRAL CANYON 17-5 FED
Operator:	XTO ENERGY INCORPORATED	Well Number:	802H

APD Package Report Contents

- Form 3160-3

- Operator Certification Report

- Application Report
- Application Attachments
  -- Well Plat: 1 file(s)

- Drilling Plan Report
- Drilling Plan Attachments
  -- Blowout Prevention Choke Diagram Attachment: 1 file(s)
  -- Blowout Prevention BOP Diagram Attachment: 1 file(s)
  -- Casing Spec Documents: 2 file(s)
  -- Casing Taperd String Specs: 2 file(s)
  -- Casing Design Assumptions and Worksheet(s): 3 file(s)
  -- Hydrogen sulfide drilling operations plan: 3 file(s)
  -- Proposed horizontal/directional/multi-lateral plan submission: 1 file(s)
  -- Other Facets: 2 file(s)
  -- Other Variances: 3 file(s)

- SUPO Report
- SUPO Attachments
  -- Existing Road Map: 1 file(s)
  -- New Road Map: 1 file(s)
  -- Attach Well map: 1 file(s)
  -- Production Facilities map: 4 file(s)
  -- Water source and transportation map: 1 file(s)
  -- Well Site Layout Diagram: 4 file(s)
  -- Recontouring attachment: 6 file(s)
  -- Other SUPO Attachment: 8 file(s)

- PWD Report
- PWD Attachments

-- None

- Bond Report
- Bond Attachments
  -- None

Form 3160-3
(June 2015)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMNM96848

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

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

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☑ Multiple Zone

7. If Unit or CA Agreement, Name and No.:

8. Lease Name and Well No.: CORRAL CANYON 17-5 FEDERAL 802H

2. Name of Operator: XTO ENERGY INCORPORATED

9. API Well No.: 30-015-55345

3a. Address: 222777 SPRINGSWOODS VILLAGE PKWY, SPRING, TX

3b. Phone No. *(include area code)*: (817) 870-2800

10. Field and Pool, or Exploratory: WILLOW LAKE/BONE SPRING SOUTHE

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: SESW / 344 FSL / 2175 FWL / LAT 32.123801 / LONG -104.008118

At proposed prod. zone: NWNE / 50 FNL / 2590 FEL / LAT 32.166353 / LONG -104.006445

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 17/T25S/R29E/NMP

14. Distance in miles and direction from nearest town or post office*

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 344 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 960.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 30 feet

19. Proposed Depth: 9024 feet / 25156 feet

20. BLM/BIA Bond No. in file: FED: COB000050

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 2969 feet

22. Approximate date work will start*: 06/30/2023

23. Estimated duration: 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature: (Electronic Submission)

Name *(Printed/Typed)*: STEPHANIE RABADUE / Ph: (432) 620-6700

Date: 11/28/2022

Title: Regulatory Coordinator

Approved by *(Signature)*: (Electronic Submission)

Name *(Printed/Typed)*: CODY LAYTON / Ph: (575) 234-5959

Date: 08/16/2024

Title: Assistant Field Manager Lands & Minerals

Office: Carlsbad Field Office

Application approval 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.
Conditions of approval, if any, are attached.

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.

APPROVED WITH CONDITIONS

(Continued on page 2)

*(Instructions on page 2)

Approval Date: 08/16/2024

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionany drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: 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 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., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

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

(Continued on page 3)

Approval Date: 08/16/2024

Additional Operator Remarks

Location of Well

0. SHL: SESW / 344 FSL / 2175 FWL / TWSP: 25S / RANGE: 29E / SECTION: 17 / LAT: 32.123801 / LONG: -104.008118 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 2647 FNL / 2596 FEL / TWSP: 25S / RANGE: 29E / SECTION: 8 / LAT: 32.144697 / LONG: -104.006417 (TVD: 9024 feet, MD: 17500 feet)

PPP: SWSE / 100 FSL / 2590 FEL / TWSP: 25S / RANGE: 29E / SECTION: 17 / LAT: 32.12311 / LONG: -104.00639 (TVD: 9024 feet, MD: 9500 feet)

BHL: NWNE / 50 FNL / 2590 FEL / TWSP: 25S / RANGE: 29E / SECTION: 5 / LAT: 32.166353 / LONG: -104.006445 (TVD: 9024 feet, MD: 25156 feet)

BLM Point of Contact

Name: PRISCILLA PEREZ
Title: Legal Instruments Examiner
Phone: (575) 234-5934
Email: PPEREZ@BLM.GOV

Review and Appeal Rights

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Form 3160-3
(June 2015)

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OMB No. 1004-0137
Expires: January 31, 2018

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8. Lease Name and Well No.

2. Name of Operator

9. API Well No.

3a. Address	3b. Phone No. *(include area code)*	10. Field and Pool, or Exploratory

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface

At proposed prod. zone

11. Sec., T. R. M. or Blk. and Survey or Area

14. Distance in miles and direction from nearest town or post office*	12. County or Parish	13. State

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. in file

21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
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4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature	Name *(Printed/Typed)*	Date

Title

Approved by *(Signature)*	Name *(Printed/Typed)*	Date

Title	Office

Application approval 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.
Conditions of approval, if any, are attached.

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.

APPROVED WITH CONDITIONS

(Continued on page 2)

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BLM Point of Contact

Name: PRISCILLA PEREZ
Title: Legal Instruments Examiner
Phone: (575) 234-5934
Email: PPEREZ@BLM.GOV

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
30-015-55345	96217	WILLOW LAKE; BONE SPRING, SOUTHEAST

[4] Property Code	[5] Property Name	[6] Well Number
36218	CORRAL CANYON 17-5 FEDERAL	802H

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO ENERGY, INC	2,969'

[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
N	17	25 S	29 E		344	SOUTH	2,175	WEST	EDDY

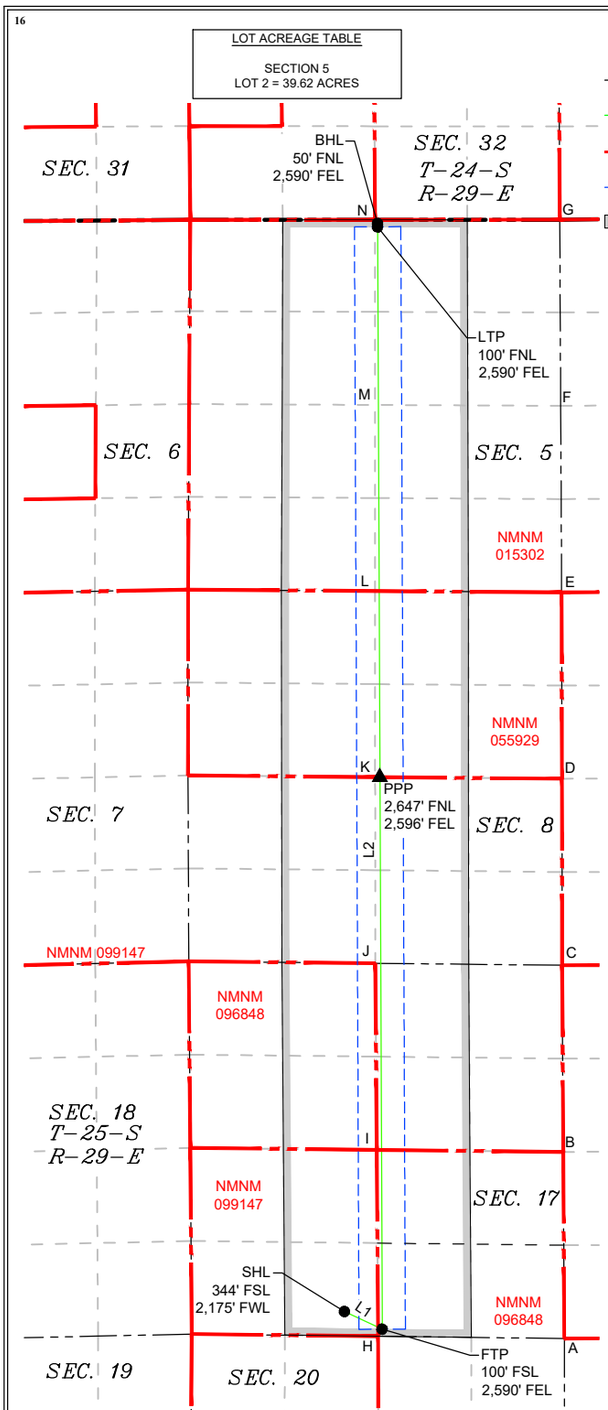
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	5	25 S	29 E		50	NORTH	2,590	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
960			

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]



LEGEND

- SECTION LINE
- PROPOSED WELL BORE
- NEW MEXICO MINERAL LEASE
- 330' BUFFER
- ALLOCATION AREA

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	115°00'32"	591.31'
L2	359°45'50"	15,731.15'

COORDINATE TABLE

SHL (NAD 83 NME)	SHL (NAD 27 NME)
Y = 408,926.9 N	Y = 408,868.4 N
X = 642,014.9 E	X = 600,830.9 E
LAT. = 32.123801 °N	LAT. = 32.123677 °N
LONG. = 104.008118 °W	LONG. = 104.007630 °W
FTP (NAD 83 NME)	**FTP (NAD 27 NME)**
Y = 408,676.9 N	Y = 408,618.5 N
X = 642,550.8 E	X = 601,366.8 E
LAT. = 32.123110 °N	LAT. = 32.122985 °N
LONG. = 104.006390 °W	LONG. = 104.005901 °W
LTP (NAD 83 NME)	**LTP (NAD 27 NME)**
Y = 424,357.9 N	Y = 424,299.1 N
X = 642,486.2 E	X = 601,302.5 E
LAT. = 32.166216 °N	LAT. = 32.166092 °N
LONG. = 104.006444 °W	LONG. = 104.005955 °W
BHL (NAD 83 NME)	**BHL (NAD 27 NME)**
Y = 424,407.9 N	Y = 424,349.1 N
X = 642,486.0 E	X = 601,302.2 E
LAT. = 32.166353 °N	LAT. = 32.166229 °N
LONG. = 104.006445 °W	LONG. = 104.005955 °W
PPP (NAD 83 NME)	**PPP (NAD 27 NME)**
Y = 416,529.8 N	Y = 416,471.1 N
X = 642,518.5 E	X = 601,334.5 E
LAT. = 32.144697 °N	LAT. = 32.144572 °N
LONG. = 104.006417 °W	LONG. = 104.005928 °W

CORNER COORDINATES (NAD 83 NME)

A - Y = 408,544.1 N	A - X = 645,141.6 E
B - Y = 411,199.0 N	B - X = 645,126.3 E
C - Y = 413,853.8 N	C - X = 645,111.0 E
D - Y = 416,506.6 N	D - X = 645,107.0 E
E - Y = 419,157.4 N	E - X = 645,103.3 E
F - Y = 421,811.2 N	F - X = 645,090.1 E
G - Y = 424,458.8 N	G - X = 645,075.7 E
H - Y = 408,577.6 N	H - X = 642,492.6 E
I - Y = 411,227.8 N	I - X = 642,473.3 E
J - Y = 413,882.3 N	J - X = 642,454.0 E
K - Y = 416,530.4 N	K - X = 642,450.5 E
L - Y = 419,177.2 N	L - X = 642,447.0 E
M - Y = 421,823.8 N	M - X = 642,448.1 E
N - Y = 424,457.9 N	N - X = 642,449.2 E

CORNER COORDINATES (NAD 27 NME)

A - Y = 408,485.6 N	A - X = 603,957.5 E
B - Y = 411,140.4 N	B - X = 603,942.2 E
C - Y = 413,795.2 N	C - X = 603,926.9 E
D - Y = 416,448.0 N	D - X = 603,923.0 E
E - Y = 419,098.7 N	E - X = 603,919.4 E
F - Y = 421,752.4 N	F - X = 603,906.3 E
G - Y = 424,399.9 N	G - X = 603,892.0 E
H - Y = 408,519.2 N	H - X = 601,308.6 E
I - Y = 411,169.3 N	I - X = 601,289.3 E
J - Y = 413,823.7 N	J - X = 601,270.0 E
K - Y = 416,471.7 N	K - X = 601,266.6 E
L - Y = 419,118.5 N	L - X = 601,263.1 E
M - Y = 421,765.0 N	M - X = 601,264.3 E
N - Y = 424,399.1 N	N - X = 601,265.5 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.

Jessica Dooling 4/16/2023
Signature Date

Jessica Dooling
Printed Name

jessica.dooling@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.

04-14-2023
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number

CC 618.013013.03-19

J:\618.013 XTO Energy - NM\013 Corral Canyon Unit - Eddy\03 - Corral Canyon 17 - Eddy\Wells\19 - 17-5 FEDERAL 802H\DWG\C-102\802H.dwg

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: _____XTO ENERGY, INC_____ **OGRID:** _____005380____ **Date:** __05_/_13_/_2024____

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Corral 17-5 Fed 801H		M-17-25S-29E	404' FSL & 989' FWL	1858	4656	3716
Corral 17-5 Fed 803H		N-17-25S-29E	374' FSL & 2476' FWL	1858	4656	3716
Corral 17-8 Fed 101H		M-17-25S-29E	404' FSL & 689' FWL	1472	3680	5152
Corral 17-8 Fed 103H		N-17-25S-29E	314' FSL & 2175' FWL	1472	3680	5152
Corral 17-8 Fed 104H		N-17-25S-29E	284' FSL & 2474' FWL	1472	3680	5152
Corral 17-8 Fed 105H		O-17-25S-29E	284' FSL & 2556' FEL	1700	4250	5950
Corral 17-8 Fed 106H		O-17-25S-29E	374'FSL & 2554' FEL	1700	4250	5950
Corral 17-8 Fed 121H		M-17-25S-29E	464' FSL & 691' FWL	1516	4548	7580
Corral 17-8 Fed 122H		M-17-25S-29E	494' FSL & 691' FWL	1516	4548	7580
Corral 17-8 Fed 123H		M-17-25S-29E	494' FSL & 991' FWL	1516	4548	7580
Corral 17-8 Fed 124H		N-17-25S-29E	374' FSL & 2176' FWL	1516	4548	7580
Corral 17-8 Fed 125H		N-17-25S-29E	314' FSL & 2475' FWL	1516	4548	7580
Corral 17-8 Fed 126H		O-17-25S-29E	314' FSL & 2555' FEL	1750	525	8750
Corral 17-8 Fed 161H		M-17-25S-29E	434' FSL & 690' FWL	1039	12468	7273
Corral 17-8 Fed 162H		M-17-25S-29E	434'FSL & 990' FWL	1039	12468	7273
Corral 17-8 Fed 163H		N-17-25S-29E	284' FSL & 2174' FWL	1039	12468	7273
Corral 17-8 Fed 164H		N-17-25S-29E	254' FSL & 2473' FWL	1039	12468	7273
Corral 17-8 Fed 165H		N-17-25S-29E	344' FSL & 2475' FWL	1039	12468	7273
Corral 17-8 Fed 166H		O-17-25S-29E	344' FSL & 2555' FEL	1200	14400	8400
Corral 17-8 Fed 102H		M-17-25S-29E	449' FSL & 930' FWL	1472	3680	5152
Corral 17-5 Fed 802H		N-17-25S-29E	329' FSL & 2175' FWL	1858	4656	3716

IV. Central Delivery Point Name: _____ Hawkeye Gas CDP _____ [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Corral 17-5 Fed 801H		TBD	TBD	TBD	TBD	TBD

Corral 17-5 Fed 803H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 101H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 103H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 104H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 105H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 106H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 121H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 122H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 123H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 124H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 125H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 126H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 161H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 162H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 163H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 164H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 165H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 166H		TBD	TBD	TBD	TBD	TBD
Corral 17-8 Fed 102H		TBD	TBD	TBD	TBD	TBD
Corral 17-5 Fed 802H		TBD	TBD	TBD	TBD	TBD

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☒ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☐ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☒ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☒ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Manish Saini
Printed Name:	Manish Saini
Title:	Regulatory Coordinator
E-mail Address:	manish.saini@exxonmobil.com
Date:	05/13/2024
Phone:	+1 720 539 1673

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	

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

Drilling Plan Data Report
08/19/2024

APD ID: 10400089100 **Submission Date:** 11/28/2022

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

Well Type: OIL WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources	Producing Formatio
13965222	QUATERNARY	2969	0	0	ALLUVIUM	USEABLE WATER	N
13965223	RUSTLER	2614	355	355	ANHYDRITE, SANDSTONE	USEABLE WATER	N
13965224	SALADO	2268	701	701	SALT	NONE	N
13965225	BASE OF SALT	395	2574	2574	SALT	NONE	N
13965226	DELAWARE	124	2845	2845	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, USEABLE WATER	N
13965227	BONE SPRING	-3626	6595	6595	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, USEABLE WATER	Y
13965231	BONE SPRING 1ST	-4546	7515	7515	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, USEABLE WATER	Y
13965230	BONE SPRING 2ND	-5389	8358	8358	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, USEABLE WATER	Y
13965229	BONE SPRING 3RD	-6040	9009	9009	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, USEABLE WATER	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M **Rating Depth:** 9024

Equipment: Once the permanent WH is installed on the surface casing, the blow out preventer equipment (BOP) will consist of a minimum 5M Hydril and a minimum 5M Double Ram BOP. XTO will use a Multi-Bowl system which is attached.

Requesting Variance? YES

Variance request: 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

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. We will request permission to ONLY retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad 2. When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.

Testing Procedure: All BOP testing will be done by an independent service company. Operator will test as per BLM CFR 43-3172.

Choke Diagram Attachment:

Corral_Canyon_17_8_5_Fed_5MCM_20240319060043.pdf

BOP Diagram Attachment:

Corral_Canyon_17_8_5_Fed_5MBOP_20221102080226.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	12.25	9.625	NEW	API	N	0	601	0	601	2969	2368	601	J-55	40	BUTT	9.45	1.65	DRY	26.21	DRY	26.21
2	INTERMEDIATE	8.75	7.625	NEW	API	Y	0	8400	0	8328	0	-5359	8400	L-80	29.7	FJ	2.38	2.02	DRY	3.11	DRY	3.11
3	PRODUCTION	6.75	5.5	NEW	NON API	Y	0	25156	0	9024	0	-6055	25156	P-110	23	OTHER - Talon HTQ/Freedom HTQ	2.69	1.21	DRY	4.3	DRY	4.3

Casing Attachments

Casing ID: 1 **String** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Corral_Canyon_17_8_5_Fed_802H_Csg_20230503062416.pdf

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

Casing Attachments

Casing ID: 2 **String** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Corral_Canyon_17_8_5_Fed_802H_Csg_20230503062526.pdf

Casing Design Assumptions and Worksheet(s):

Corral_Canyon_17_8_5_Fed_802H_Csg_20230503062536.pdf

Casing ID: 3 **String** PRODUCTION

Inspection Document:

Spec Document:

Talon___semiflush_20240710094220.pdf

USS_Freedom_Production_Casing_5_inch_spec_sheet_20240801073816.pdf

Tapered String Spec:

Corral_Canyon_17_8_5_Fed_802H_Csg_20240626100420.pdf

Casing Design Assumptions and Worksheet(s):

Corral_Canyon_17_8_5_Fed_802H_Csg_20230503062720.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	601	100	1.87	12.9	187	100	EconoCem-HLTRRC	NA
SURFACE	Tail		0	601	130	1.35	14.8	175.5	100	Class C	2% CaCl
INTERMEDIATE	Lead		0	5364	570	1.35	14.8	769.5	100	Class C	None
INTERMEDIATE	Tail		5364	8400	600	1.33	14.8	798	100	Class C	None

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Lead		8100	8600	20	2.69	11.5	53.8	20	NeoCem	None
PRODUCTION	Tail		8600	25156	1190	1.51	13.2	1796.9	20	VersaCem	None

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: The necessary mud products for weight addition and fluid loss control will be on location at all times.

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

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
8400	25156	OIL-BASED MUD	11.5	12							
601	2845	SALT SATURATED	10.5	11							
0	601	WATER-BASED MUD	8.7	9.2							
2845	8400	OTHER : BDE/OBM or Brine	9	9.5							

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.
Open hole logging will not be done on this well.

List of open and cased hole logs run in the well:

CEMENT BOND LOG,GAMMA RAY LOG,DIRECTIONAL SURVEY,MEASUREMENT WHILE DRILLING,MUD LOG/GEOLOGICAL LITHOLOGY LOG,

Coring operation description for the well:

No coring is planned for the well.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 5396 **Anticipated Surface Pressure:** 3410

Anticipated Bottom Hole Temperature(F): 175

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations

Corral_Canyon_17_8_5_Fed_H2S_Plan_20230503063847.pdf
Corral_Canyon_17_8_5_Fed_H2S_Dia_A_20240325132802.pdf
Corral_Canyon_17_8_5_Fed_H2S_Dia_B_C_20240325132802.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

Corral_Canyon_17_8_5_Fed_802H_DD_20230503064003.pdf

Other proposed operations facets description:

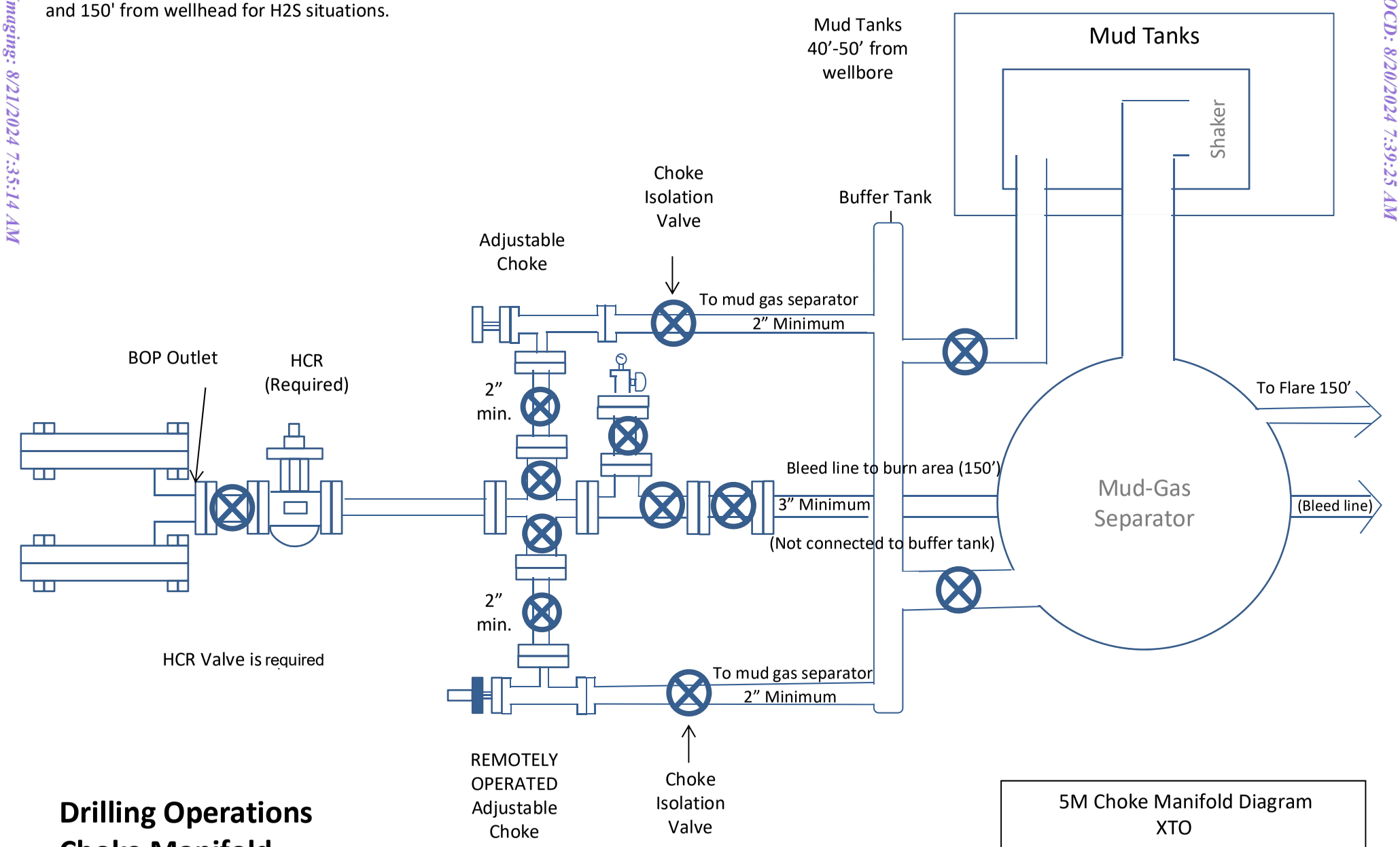
Other proposed operations facets attachment:

Corral_Canyon_17_8_5_Fed_802H_Cmt_20230503064022.pdf
Corral_Canyon_17_8_5_Fed_MBS_20240626063248.pdf

Other Variance attachment:

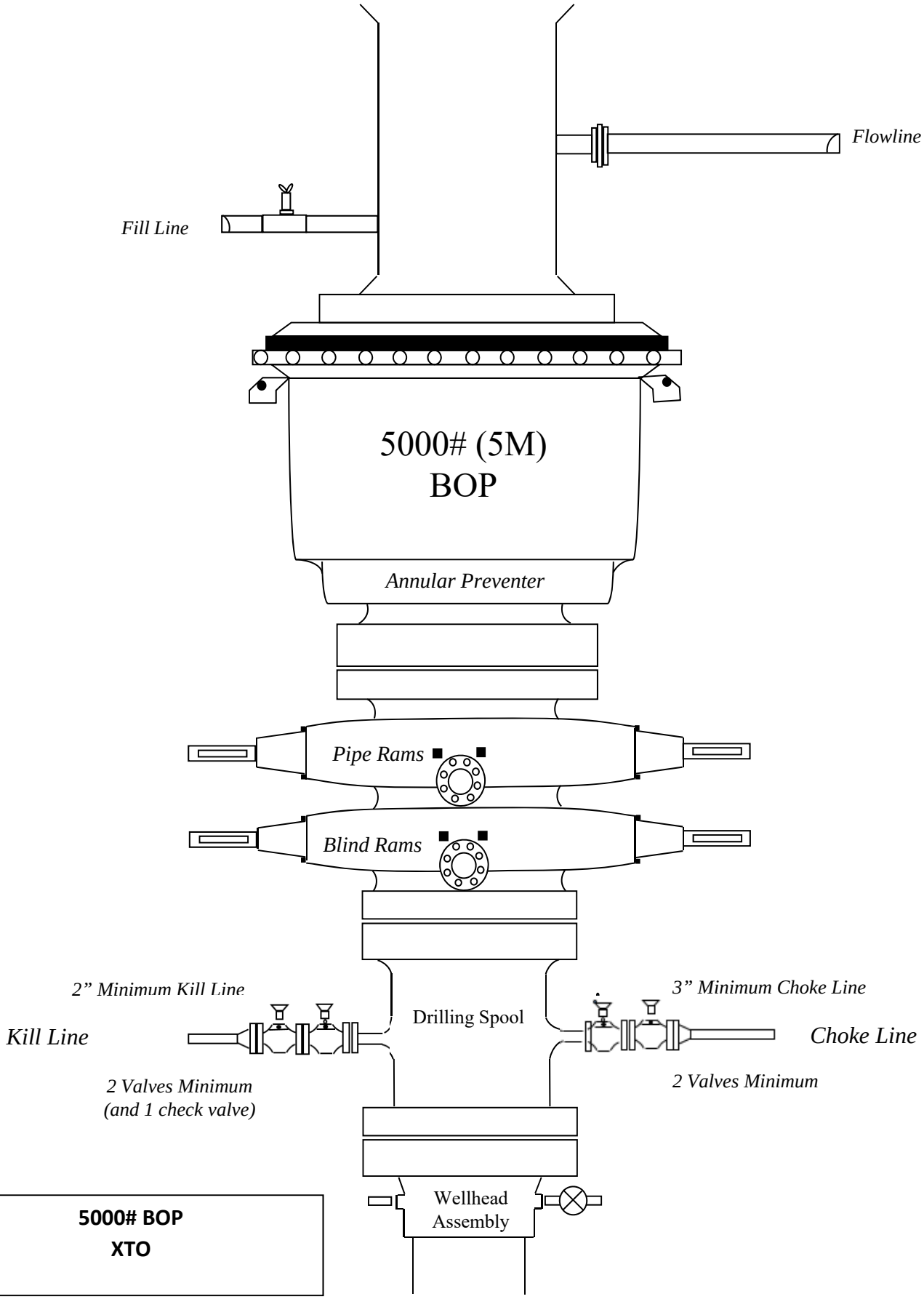
Corral_Canyon_17_8_5_Fed_OLCV_20221102095515.pdf
Spudder_Rig_Request_20240801073902.pdf
Updated_Flex_Hose_20240801073914.pdf

Bleed line will discharge 100' from wellhead for non-H2S situations and 150' from wellhead for H2S situations.



Drilling Operations
Choke Manifold
5M Service

5M Choke Manifold Diagram
XTO


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

Casing Assumptions

Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 601'	9.625	40	J-55	BTC	New	1.65	9.45	26.21
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.77	2.65	2.24
8.75	4000' – 8400'	7.625	29.7	HC L-80	Flush Joint	New	2.02	2.38	3.11
6.75	0' – 8300'	5.5	23	RY P-110	Semi-Premium	New	1.21	2.93	2.12
6.75	8300' - 8800'	5.5	23	RY P-110	Semi-Flush	New	1.21	2.76	3.97
6.75	8800' - 25156'	5.5	23	RY P-110	Semi-Flush	New	1.21	2.69	4.30

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 90 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.

Cement Variance Request

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 Brushy Canyon (5364') 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.

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.

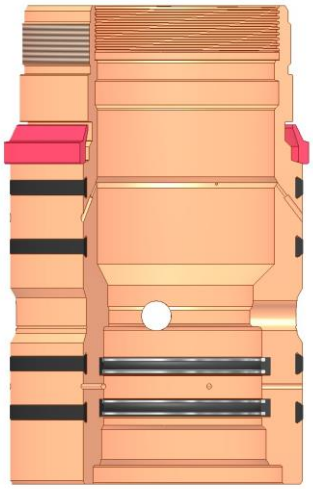
1. Cement Program

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

2. Offline Cementing Procedure

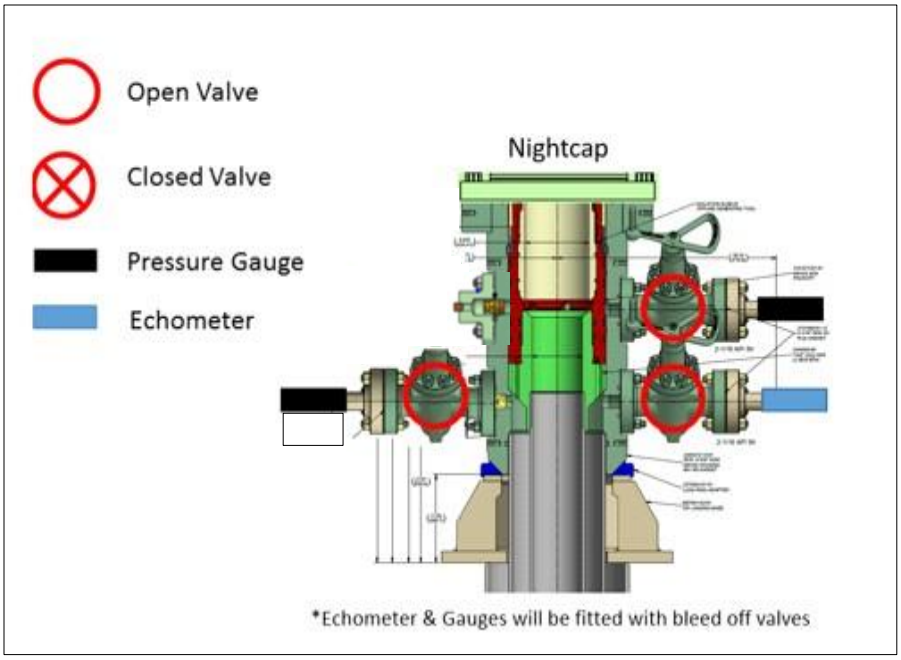
The operational sequence will be as follows. If a well control event occurs, the BLM will be contacted for approval prior to conducting offline cementing operations.

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

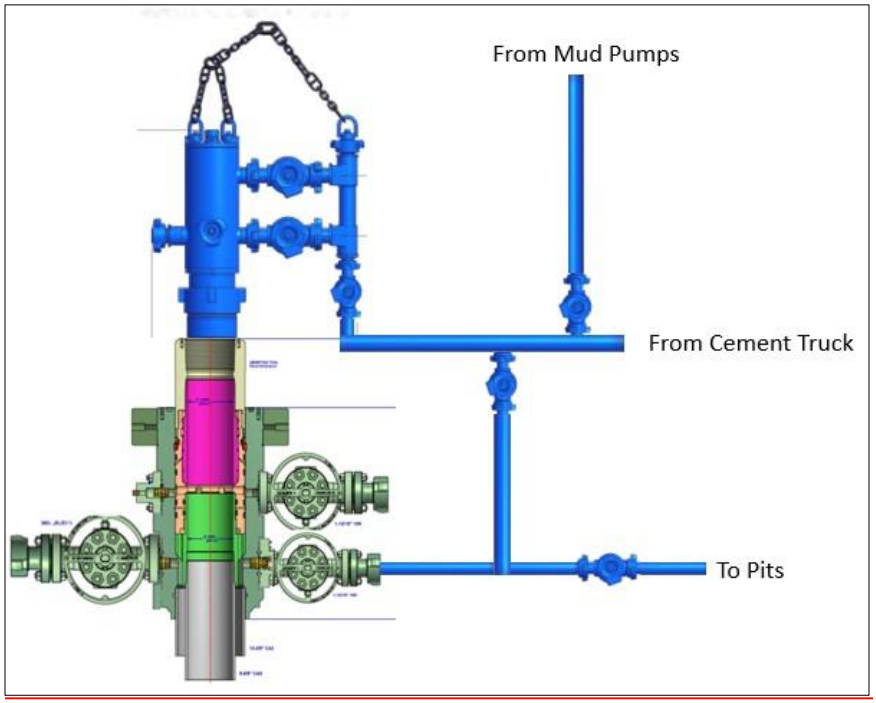
XTO Permian Operating, LLC Offline Cementing Variance Request



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.

BLACK GOLD®

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WEB: www.gates.com/oilandgas

NEW CHOKE HOSE
INSTALLED 02-10-2024

CERTIFICATE OF CONFORMANCE

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

CUSTOMER:	NABORS DRILLING TECHNOLOGIES USA DBA NABORS DRILLING USA
CUSTOMER P.O.#:	15582803 (TAG NABORS PO #15582803 SN 74621 ASSET 66-1531)
CUSTOMER P/N:	IMR RETEST SN 74621 ASSET #66-1531
PART DESCRIPTION:	RETEST OF CUSTOMER 3" X 45 FT 16C CHOKE & KILL HOSE ASSEMBLY C/W 4 1/16" 10K FLANGES
SALES ORDER #:	529480
QUANTITY:	1
SERIAL #:	74621 H3-012524-1

SIGNATURE: F. OSPINOS

TITLE: QUALITY ASSURANCE

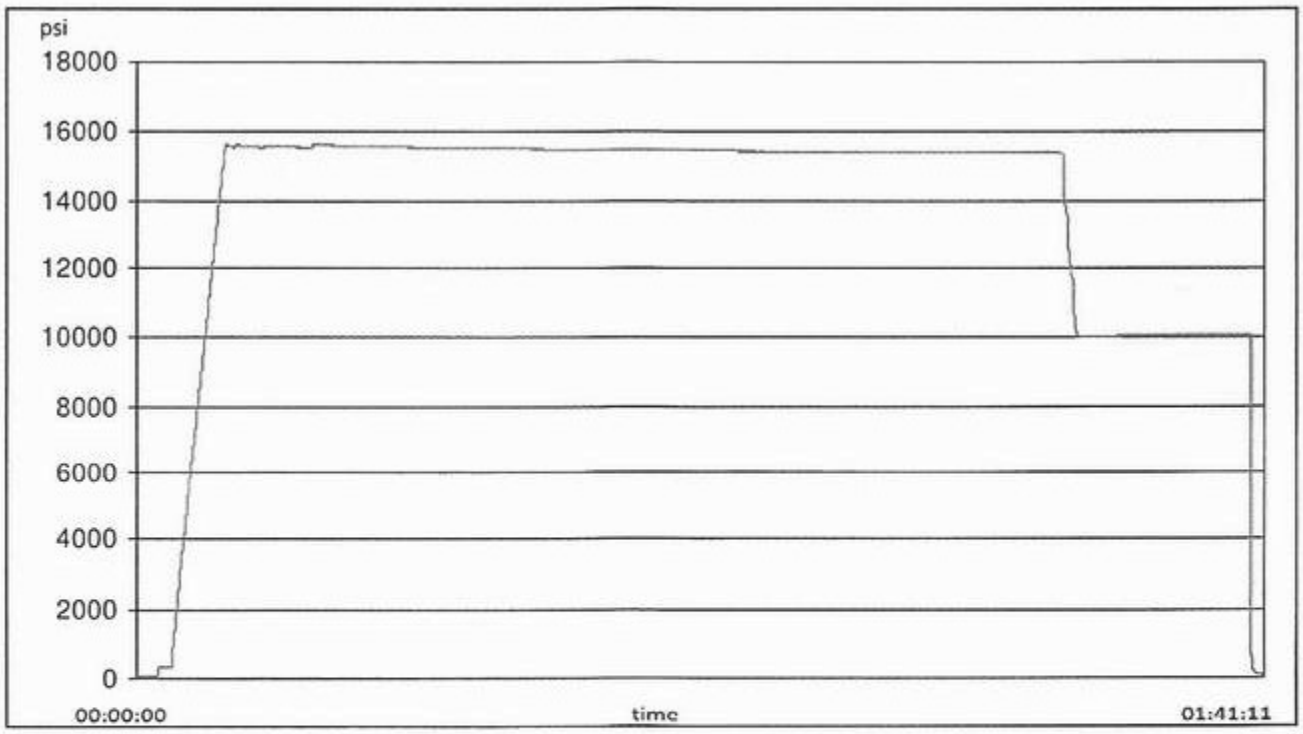
DATE: 1/25/2024

H3-15716

1/25/2024 11:48:06 AM

TEST REPORT

CUSTOMER			TEST OBJECT		
Company:	Nabors Industries Inc.		Serial number:	H3-012524-1	
			Lot number:		
Production description:	74621/66-1531		Description:	74621/66-1531	
Sales order #:	529480				
Customer reference:	FG1213		Hose ID:	3" 16C CK	
			Part number:		
TEST INFORMATION					
Test procedure:	GTS-04-053		Fitting 1:	3.0 x 4-1/16 10K	
Test pressure:	15000.00	psi	Part number:		
Test pressure hold:	3600.00	sec	Description:		
Work pressure:	10000.00	psi			
Work pressure hold:	900.00	sec	Fitting 2:	3.0 x 4-1/16 10K	
Length difference:	0.00	%	Part number:		
Length difference:	0.00	inch	Description:		
Visual check:			Length:	45	feet
Pressure test result:	PASS				
Length measurement result:					
Test operator:	Travis				



H3-15/16

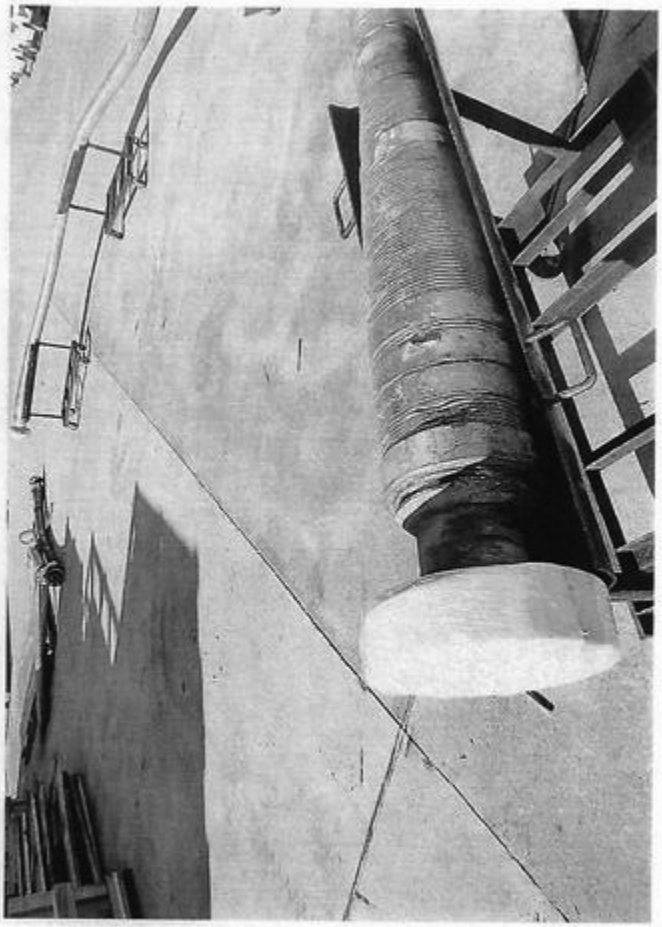
1/25/2024 11:48:06 AM

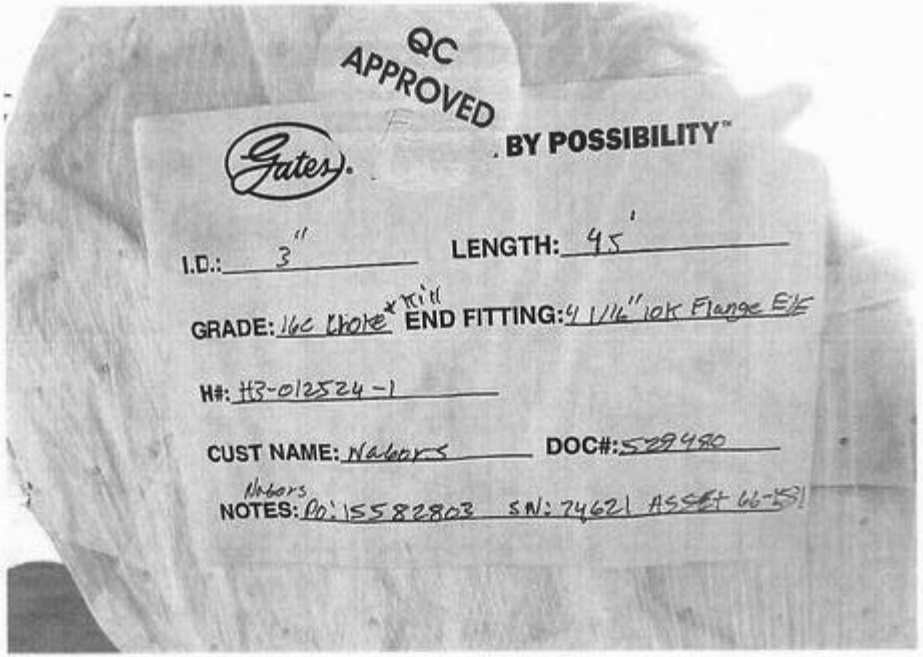
TEST REPORT

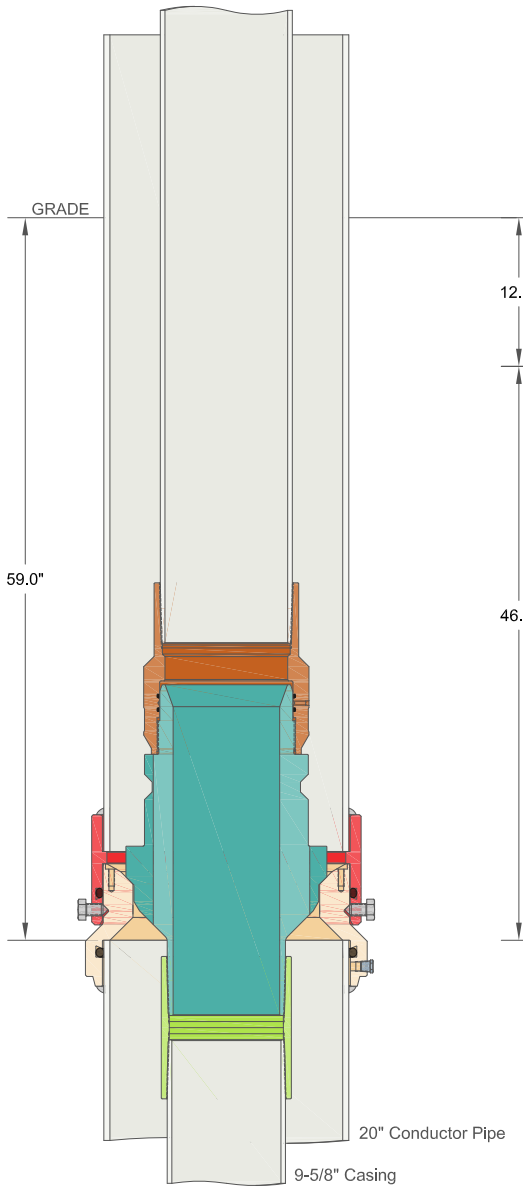
GAUGE TRACEABILITY

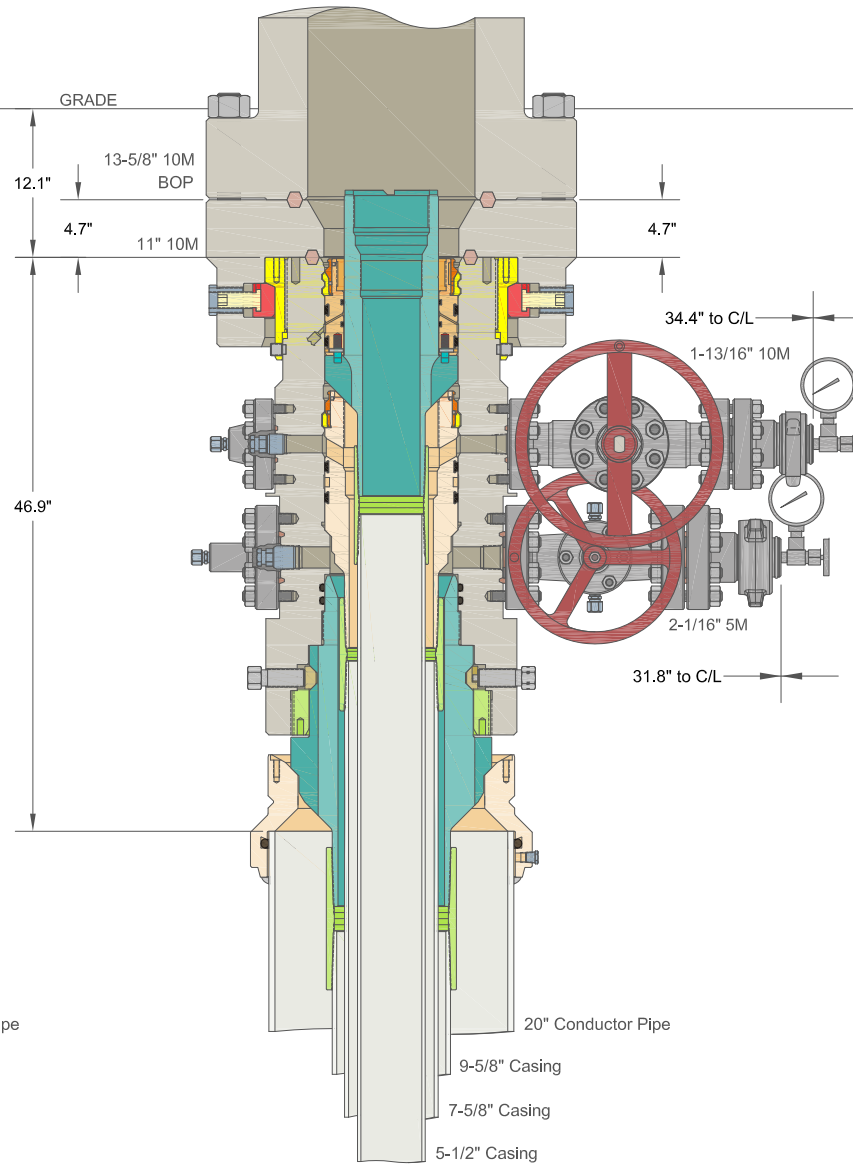
Description	Serial number	Calibration date	Calibration due date
S-25-A-W	110D3PHO	2023-06-06	2024-06-06
S-25-A-W	110IQWDG	2023-05-16	2024-05-16

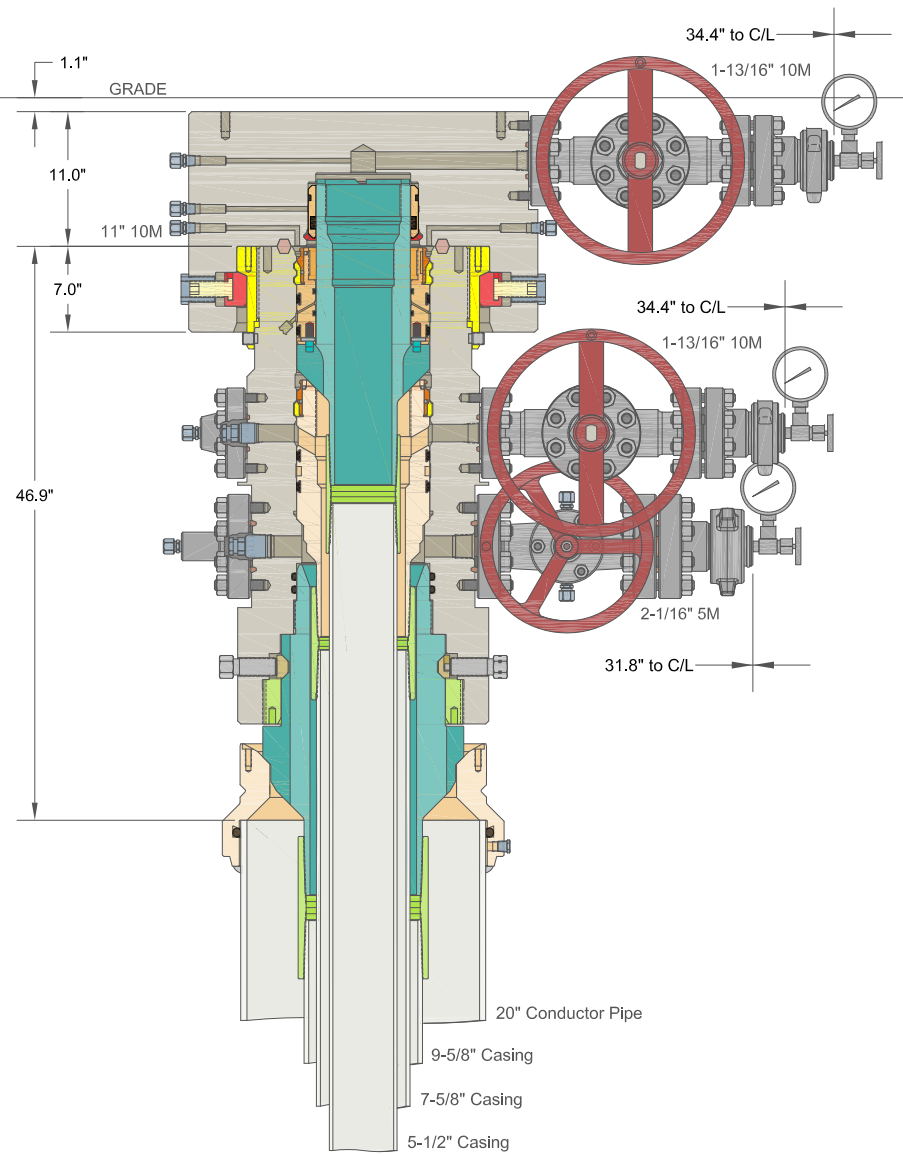
Comment

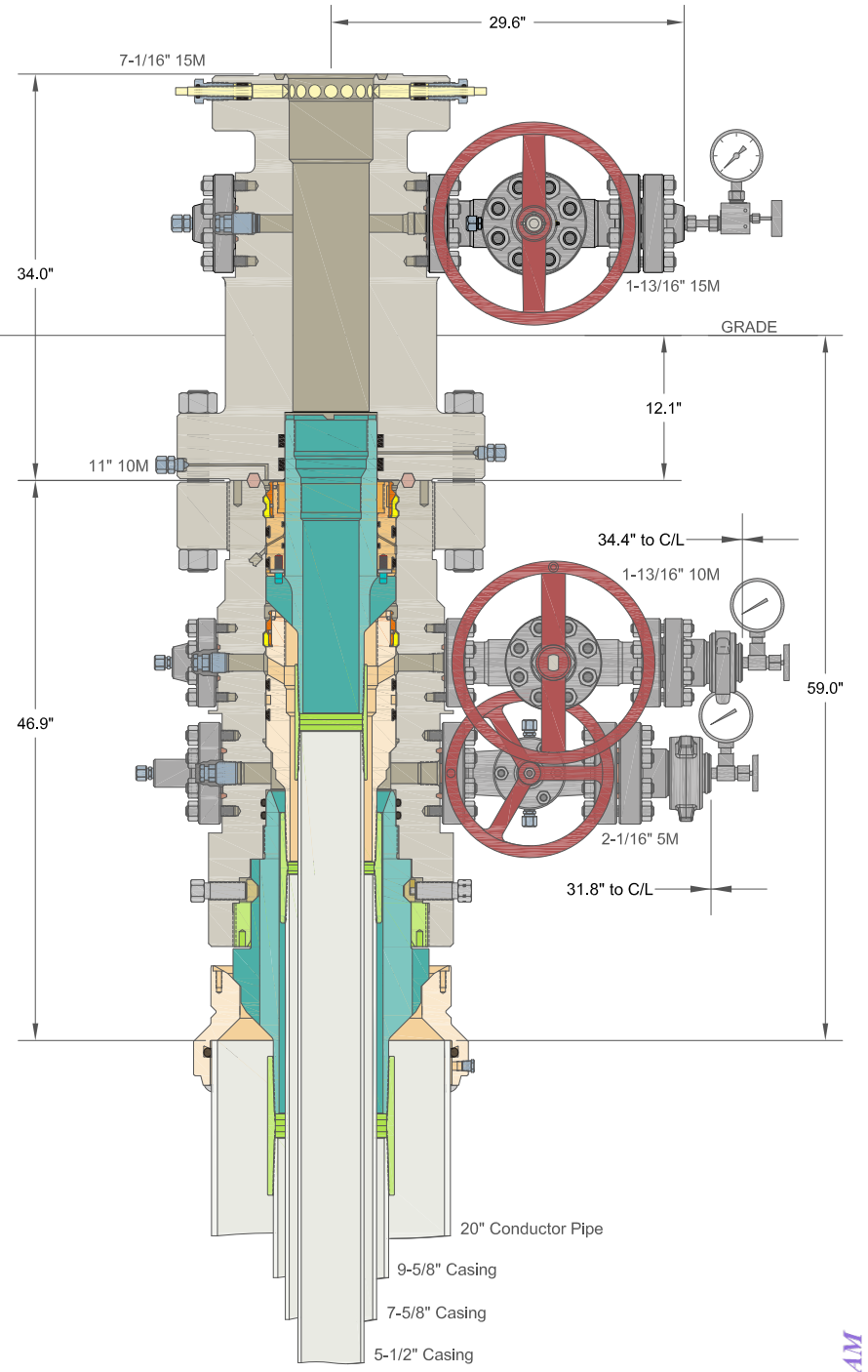












ALL DIMENSIONS APPROXIMA

CACTUS WELLHEAD LLC

20" x 9-5/8" x 7-5/8" x 5-1/2" MBU-T-CFL-R-DBLO Wellhead
With 11" 10M x 7-1/16" 15M CTH-DBLHPS Tubing Head
And 9-5/8", 7-5/8" & 5-1/2" Pin Bottom Mandrel Casing Hangers

XTO ENERGY INC
ICARUS PAD

DRAWN	DLE	18JAN21
APPRV		
DRAWING NO.	HBE0000479	

XTO Energy

EDDY COUNTY, NM (NAD-27)
CORRAL CANYON 17-5 FED
802H

Wellbore #1

Plan: PERMIT

Standard Planning Report

11 March, 2023

XTO ENERGY

Project: EDDY COUNTY, NM (NAD-27)
Site: CORRAL CANYON 17-5 FED
Well: 802H
Wellbore: Wellbore #1
Design: PERMIT

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: 802H

Rig Name: TBD
GL @ 2969.00usft (TBD)
Ground Level: 2969.00

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude
0.00	0.00	408868.40	600830.90	32.1236767	-104.0076296

SECTION DETAILS

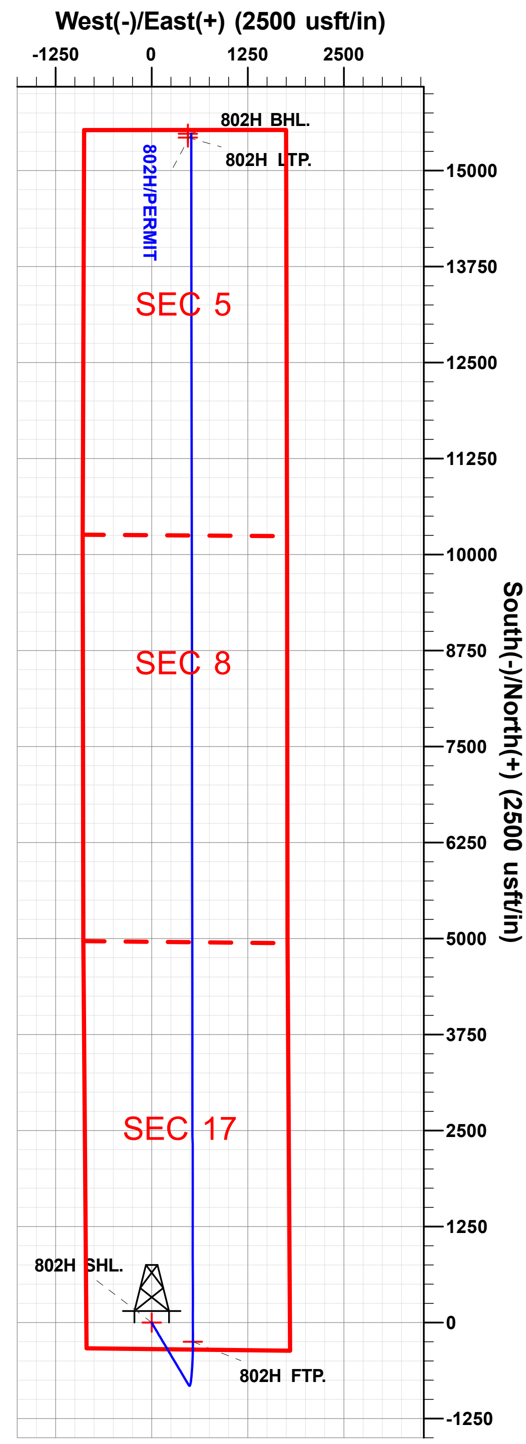
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
3	2439.12	8.78	149.29	2437.40	-28.88	17.15	2.00	149.29	-28.90	
4	8449.96	8.78	149.29	8377.77	-817.96	485.77	0.00	0.00	-818.55	
5	9425.45	90.00	359.93	9024.00	-249.90	535.90	10.00	-149.07	-250.55	802H FTP.
6	25106.12	90.00	359.93	9024.00	15430.75	515.46	0.00	0.00	15430.11	802H LTP.
7	25156.12	90.00	359.93	9024.00	15480.75	515.40	0.00	0.00	15480.11	802H BHL.

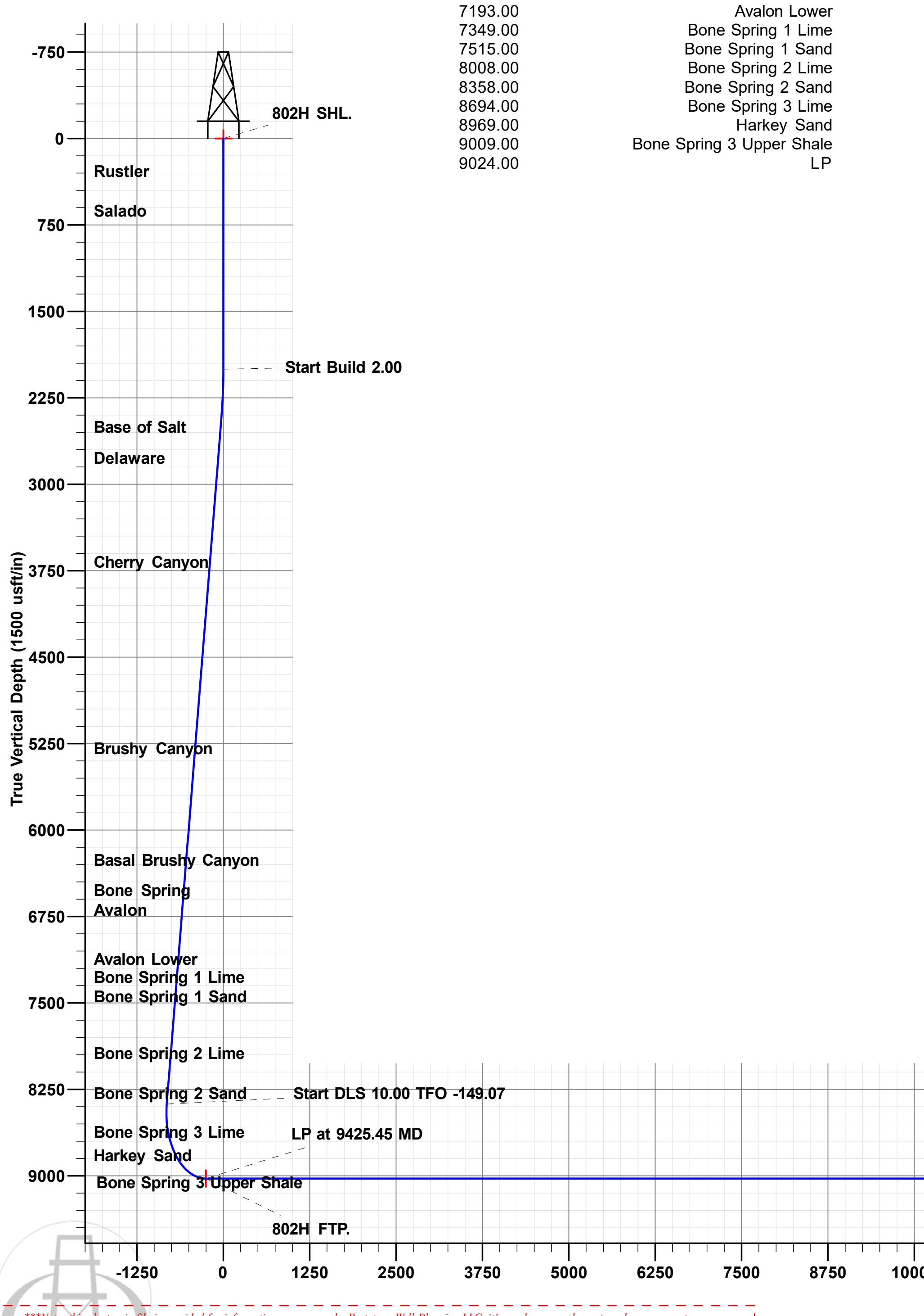
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
802H SHL.	0.00	0.00	0.00	408868.40	600830.90	32.1236767	-104.0076296
802H BHL.	9024.00	15480.70	471.30	424349.10	601302.20	32.1662290	-104.0059552
802H FTP.	9024.00	-249.90	535.90	408618.50	601366.80	32.1229853	-104.0059010
802H LTP.	9024.00	15430.70	471.60	424299.10	601302.50	32.1660916	-104.0059547

FORMATION TOP DETAILS

TVDPath	Formation
355.00	Rustler
701.00	Salado
2574.00	Base of Salt
2845.00	Delaware
3746.00	Cherry Canyon
5364.00	Brushy Canyon
6332.00	Basal Brushy Canyon
6595.00	Bone Spring
6764.00	Avalon
7193.00	Avalon Lower
7349.00	Bone Spring 1 Lime
7515.00	Bone Spring 1 Sand
8008.00	Bone Spring 2 Lime
8358.00	Bone Spring 2 Sand
8694.00	Bone Spring 3 Lime
8969.00	Harkey Sand
9009.00	Bone Spring 3 Upper Shale
9024.00	LP





Plan: PERMIT (802H/Wellbore #1)

Created By: MATTHEW MAY Date: 7:58, March 11 2023

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-		

[4] Property Code	[5] Property Name	[6] Well Number
	CORRAL CANYON 17-5 FEDERAL	802H

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO ENERGY, INC	2,969'

[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
N	17	25S	29E		344	SOUTH	2,175	WEST	EDDY

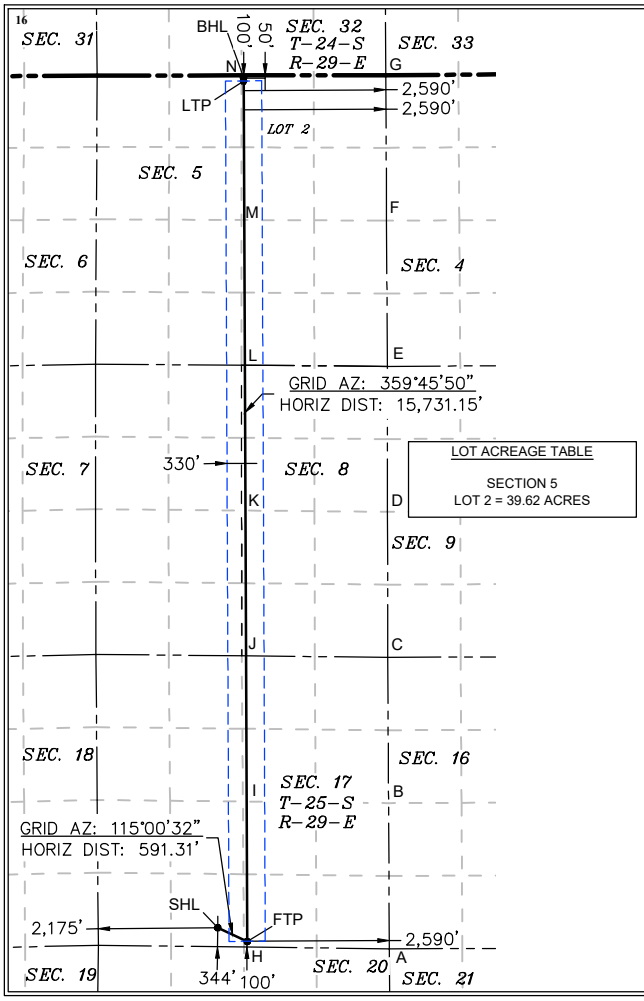
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	5	25S	29E		50	NORTH	2,590	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]



LOT ACREAGE TABLE

SECTION 5
LOT 2 = 39.62 ACRES

COORDINATE TABLE

SHL (NAD 83 NME)		LTP (NAD 83 NME)	
Y =	408,926.9 N	Y =	424,357.9 N
X =	642,014.9 E	X =	642,486.2 E
LAT. =	32.123801 °N	LAT. =	32.166216 °N
LONG. =	104.008118 °W	LONG. =	104.006444 °W
FTP (NAD 83 NME)		**BHL (NAD 83 NME)**	
Y =	408,676.9 N	Y =	424,407.9 N
X =	642,550.8 E	X =	642,486.0 E
LAT. =	32.123110 °N	LAT. =	32.166353 °N
LONG. =	104.006390 °W	LONG. =	104.006445 °W
SHL (NAD 27 NME)		**LTP (NAD 27 NME)**	
Y =	408,868.4 N	Y =	424,299.1 N
X =	600,830.9 E	X =	601,302.5 E
LAT. =	32.123677 °N	LAT. =	32.166092 °N
LONG. =	104.007630 °W	LONG. =	104.005955 °W
FTP (NAD 27 NME)		**BHL (NAD 27 NME)**	
Y =	408,618.5 N	Y =	424,349.1 N
X =	601,366.8 E	X =	601,302.2 E
LAT. =	32.122985 °N	LAT. =	32.166229 °N
LONG. =	104.005901 °W	LONG. =	104.005955 °W

CORNER COORDINATES (NAD 83 NME)

A - Y =	408,544.1 N	A - X =	645,141.6 E
B - Y =	411,199.0 N	B - X =	645,126.3 E
C - Y =	413,853.8 N	C - X =	645,111.0 E
D - Y =	416,506.6 N	D - X =	645,107.0 E
E - Y =	419,157.4 N	E - X =	645,103.3 E
F - Y =	421,811.2 N	F - X =	645,090.1 E
G - Y =	424,458.8 N	G - X =	645,075.7 E
H - Y =	408,577.6 N	H - X =	642,492.6 E
I - Y =	411,227.8 N	I - X =	642,473.3 E
J - Y =	413,882.3 N	J - X =	642,454.0 E
K - Y =	416,530.4 N	K - X =	642,450.5 E
L - Y =	419,177.2 N	L - X =	642,447.0 E
M - Y =	421,823.8 N	M - X =	642,448.1 E
N - Y =	424,457.9 N	N - X =	642,449.2 E

CORNER COORDINATES (NAD 27 NME)

A - Y =	408,485.6 N	A - X =	603,957.5 E
B - Y =	411,140.4 N	B - X =	603,942.2 E
C - Y =	413,795.2 N	C - X =	603,926.9 E
D - Y =	416,448.0 N	D - X =	603,923.0 E
E - Y =	419,098.7 N	E - X =	603,919.4 E
F - Y =	421,752.4 N	F - X =	603,906.3 E
G - Y =	424,399.9 N	G - X =	603,892.0 E
H - Y =	408,519.2 N	H - X =	601,308.6 E
I - Y =	411,169.3 N	I - X =	601,289.3 E
J - Y =	413,823.7 N	J - X =	601,270.0 E
K - Y =	416,471.7 N	K - X =	601,266.6 E
L - Y =	419,118.5 N	L - X =	601,263.1 E
M - Y =	421,765.0 N	M - X =	601,264.3 E
N - Y =	424,399.1 N	N - X =	601,265.5 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.

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.

03/03/2023
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

DB 618.013013.03-19

P:\618.013 XTO Energy - NM\013 Corral Canyon Unit - Eddy\03 - Corral Canyon 17 - Eddy\Wells\19 - 17-5 FEDERAL 802H\DWG\C-102.dwg

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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 CORRAL CANYON 17-5 FED

Site Position:		**Northing:**	408,928.50 usft	**Latitude:**	32.1238523
From:	Map	**Easting:**	599,584.10 usft	**Longitude:**	-104.0116564
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.17 °

Well 802H

Well Position	**+N/-S**	-60.10 usft	**Northing:**	408,868.40 usft	**Latitude:**	32.1236768
	+E/-W	1,246.80 usft	**Easting:**	600,830.90 usft	**Longitude:**	-104.0076296
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	0.00 usft	**Ground Level:**	2,969.00 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	07/26/22	6.61	59.71	47,277

Design PERMIT

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	359.93

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	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,439.12	8.78	149.29	2,437.40	-28.88	17.15	2.00	2.00	0.00	149.29	
8,449.96	8.78	149.29	8,377.77	-817.96	485.77	0.00	0.00	0.00	0.00	
9,425.45	90.00	359.93	9,024.00	-249.90	535.90	10.00	8.33	-15.31	-149.07	802H FTP.
25,106.12	90.00	359.93	9,024.00	15,430.75	515.46	0.00	0.00	0.00	0.00	802H LTP.
25,156.12	90.00	359.93	9,024.00	15,480.75	515.40	0.00	0.00	0.00	0.00	802H BHL.

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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
802H SHL.									
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
355.00	0.00	0.00	355.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
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
701.00	0.00	0.00	701.00	0.00	0.00	0.00	0.00	0.00	0.00
Salado									
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	2.00	149.29	2,099.98	-1.50	0.89	-1.50	2.00	2.00	0.00
2,200.00	4.00	149.29	2,199.84	-6.00	3.56	-6.00	2.00	2.00	0.00
2,300.00	6.00	149.29	2,299.45	-13.49	8.01	-13.50	2.00	2.00	0.00
2,400.00	8.00	149.29	2,398.70	-23.97	14.24	-23.99	2.00	2.00	0.00
2,439.12	8.78	149.29	2,437.40	-28.88	17.15	-28.90	2.00	2.00	0.00
2,500.00	8.78	149.29	2,497.57	-36.87	21.90	-36.90	0.00	0.00	0.00
2,577.34	8.78	149.29	2,574.00	-47.02	27.93	-47.06	0.00	0.00	0.00
Base of Salt									
2,600.00	8.78	149.29	2,596.40	-50.00	29.69	-50.04	0.00	0.00	0.00
2,700.00	8.78	149.29	2,695.22	-63.13	37.49	-63.17	0.00	0.00	0.00
2,800.00	8.78	149.29	2,794.05	-76.25	45.29	-76.31	0.00	0.00	0.00
2,851.55	8.78	149.29	2,845.00	-83.02	49.31	-83.08	0.00	0.00	0.00
Delaware									
2,900.00	8.78	149.29	2,892.88	-89.38	53.08	-89.45	0.00	0.00	0.00
3,000.00	8.78	149.29	2,991.71	-102.51	60.88	-102.58	0.00	0.00	0.00
3,100.00	8.78	149.29	3,090.53	-115.64	68.68	-115.72	0.00	0.00	0.00
3,200.00	8.78	149.29	3,189.36	-128.76	76.47	-128.86	0.00	0.00	0.00
3,300.00	8.78	149.29	3,288.19	-141.89	84.27	-142.00	0.00	0.00	0.00
3,400.00	8.78	149.29	3,387.02	-155.02	92.06	-155.13	0.00	0.00	0.00
3,500.00	8.78	149.29	3,485.84	-168.15	99.86	-168.27	0.00	0.00	0.00
3,600.00	8.78	149.29	3,584.67	-181.28	107.66	-181.41	0.00	0.00	0.00
3,700.00	8.78	149.29	3,683.50	-194.40	115.45	-194.54	0.00	0.00	0.00
3,763.24	8.78	149.29	3,746.00	-202.70	120.38	-202.85	0.00	0.00	0.00
Cherry Canyon									
3,800.00	8.78	149.29	3,782.33	-207.53	123.25	-207.68	0.00	0.00	0.00
3,900.00	8.78	149.29	3,881.15	-220.66	131.05	-220.82	0.00	0.00	0.00
4,000.00	8.78	149.29	3,979.98	-233.79	138.84	-233.95	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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)
4,100.00	8.78	149.29	4,078.81	-246.91	146.64	-247.09	0.00	0.00	0.00
4,200.00	8.78	149.29	4,177.64	-260.04	154.43	-260.23	0.00	0.00	0.00
4,300.00	8.78	149.29	4,276.46	-273.17	162.23	-273.37	0.00	0.00	0.00
4,400.00	8.78	149.29	4,375.29	-286.30	170.03	-286.50	0.00	0.00	0.00
4,500.00	8.78	149.29	4,474.12	-299.42	177.82	-299.64	0.00	0.00	0.00
4,600.00	8.78	149.29	4,572.95	-312.55	185.62	-312.78	0.00	0.00	0.00
4,700.00	8.78	149.29	4,671.77	-325.68	193.42	-325.91	0.00	0.00	0.00
4,800.00	8.78	149.29	4,770.60	-338.81	201.21	-339.05	0.00	0.00	0.00
4,900.00	8.78	149.29	4,869.43	-351.93	209.01	-352.19	0.00	0.00	0.00
5,000.00	8.78	149.29	4,968.26	-365.06	216.80	-365.33	0.00	0.00	0.00
5,100.00	8.78	149.29	5,067.09	-378.19	224.60	-378.46	0.00	0.00	0.00
5,200.00	8.78	149.29	5,165.91	-391.32	232.40	-391.60	0.00	0.00	0.00
5,300.00	8.78	149.29	5,264.74	-404.44	240.19	-404.74	0.00	0.00	0.00
5,400.00	8.78	149.29	5,363.57	-417.57	247.99	-417.87	0.00	0.00	0.00
5,400.44	8.78	149.29	5,364.00	-417.63	248.02	-417.93	0.00	0.00	0.00
Brushy Canyon									
5,500.00	8.78	149.29	5,462.40	-430.70	255.79	-431.01	0.00	0.00	0.00
5,600.00	8.78	149.29	5,561.22	-443.83	263.58	-444.15	0.00	0.00	0.00
5,700.00	8.78	149.29	5,660.05	-456.95	271.38	-457.29	0.00	0.00	0.00
5,800.00	8.78	149.29	5,758.88	-470.08	279.17	-470.42	0.00	0.00	0.00
5,900.00	8.78	149.29	5,857.71	-483.21	286.97	-483.56	0.00	0.00	0.00
6,000.00	8.78	149.29	5,956.53	-496.34	294.77	-496.70	0.00	0.00	0.00
6,100.00	8.78	149.29	6,055.36	-509.46	302.56	-509.83	0.00	0.00	0.00
6,200.00	8.78	149.29	6,154.19	-522.59	310.36	-522.97	0.00	0.00	0.00
6,300.00	8.78	149.29	6,253.02	-535.72	318.16	-536.11	0.00	0.00	0.00
6,379.92	8.78	149.29	6,332.00	-546.21	324.39	-546.61	0.00	0.00	0.00
Basal Brushy Canyon									
6,400.00	8.78	149.29	6,351.84	-548.85	325.95	-549.25	0.00	0.00	0.00
6,500.00	8.78	149.29	6,450.67	-561.98	333.75	-562.38	0.00	0.00	0.00
6,600.00	8.78	149.29	6,549.50	-575.10	341.54	-575.52	0.00	0.00	0.00
6,646.04	8.78	149.29	6,595.00	-581.15	345.13	-581.57	0.00	0.00	0.00
Bone Spring									
6,700.00	8.78	149.29	6,648.33	-588.23	349.34	-588.66	0.00	0.00	0.00
6,800.00	8.78	149.29	6,747.15	-601.36	357.14	-601.79	0.00	0.00	0.00
6,817.05	8.78	149.29	6,764.00	-603.60	358.47	-604.03	0.00	0.00	0.00
Avalon									
6,900.00	8.78	149.29	6,845.98	-614.49	364.93	-614.93	0.00	0.00	0.00
7,000.00	8.78	149.29	6,944.81	-627.61	372.73	-628.07	0.00	0.00	0.00
7,100.00	8.78	149.29	7,043.64	-640.74	380.53	-641.20	0.00	0.00	0.00
7,200.00	8.78	149.29	7,142.46	-653.87	388.32	-654.34	0.00	0.00	0.00
7,251.14	8.78	149.29	7,193.00	-660.58	392.31	-661.06	0.00	0.00	0.00
Avalon Lower									
7,300.00	8.78	149.29	7,241.29	-667.00	396.12	-667.48	0.00	0.00	0.00
7,400.00	8.78	149.29	7,340.12	-680.12	403.91	-680.62	0.00	0.00	0.00
7,408.99	8.78	149.29	7,349.00	-681.30	404.62	-681.80	0.00	0.00	0.00
Bone Spring 1 Lime									
7,500.00	8.78	149.29	7,438.95	-693.25	411.71	-693.75	0.00	0.00	0.00
7,576.96	8.78	149.29	7,515.00	-703.35	417.71	-703.86	0.00	0.00	0.00
Bone Spring 1 Sand									
7,600.00	8.78	149.29	7,537.77	-706.38	419.51	-706.89	0.00	0.00	0.00
7,700.00	8.78	149.29	7,636.60	-719.51	427.30	-720.03	0.00	0.00	0.00
7,800.00	8.78	149.29	7,735.43	-732.63	435.10	-733.16	0.00	0.00	0.00
7,900.00	8.78	149.29	7,834.26	-745.76	442.90	-746.30	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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)
8,000.00	8.78	149.29	7,933.08	-758.89	450.69	-759.44	0.00	0.00	0.00
8,075.80	8.78	149.29	8,008.00	-768.84	456.60	-769.40	0.00	0.00	0.00
Bone Spring 2 Lime									
8,100.00	8.78	149.29	8,031.91	-772.02	458.49	-772.58	0.00	0.00	0.00
8,200.00	8.78	149.29	8,130.74	-785.14	466.28	-785.71	0.00	0.00	0.00
8,300.00	8.78	149.29	8,229.57	-798.27	474.08	-798.85	0.00	0.00	0.00
8,400.00	8.78	149.29	8,328.39	-811.40	481.88	-811.99	0.00	0.00	0.00
8,429.96	8.78	149.29	8,358.00	-815.33	484.21	-815.92	0.00	0.00	0.00
Bone Spring 2 Sand									
8,449.96	8.78	149.29	8,377.77	-817.96	485.77	-818.55	0.00	0.00	0.00
8,500.00	5.17	119.45	8,427.45	-822.35	489.69	-822.95	10.00	-7.22	-59.63
8,550.00	5.13	61.28	8,477.28	-822.39	493.61	-822.99	10.00	-0.09	-116.36
8,600.00	8.70	30.88	8,526.92	-818.07	497.51	-818.67	10.00	7.15	-60.80
8,650.00	13.23	19.48	8,576.00	-809.42	501.36	-810.03	10.00	9.06	-22.78
8,700.00	18.01	13.94	8,624.14	-796.52	505.14	-797.13	10.00	9.55	-11.09
8,750.00	22.88	10.68	8,670.98	-779.45	508.80	-780.07	10.00	9.74	-6.52
8,775.22	25.35	9.49	8,694.00	-769.31	510.60	-769.93	10.00	9.81	-4.71
Bone Spring 3 Lime									
8,800.00	27.79	8.51	8,716.16	-758.36	512.33	-758.98	10.00	9.84	-3.93
8,850.00	32.73	6.96	8,759.33	-733.40	515.70	-734.03	10.00	9.88	-3.11
8,900.00	37.68	5.77	8,800.17	-704.75	518.87	-705.39	10.00	9.91	-2.37
8,950.00	42.65	4.83	8,838.37	-672.65	521.84	-673.29	10.00	9.93	-1.89
9,000.00	47.62	4.04	8,873.63	-637.33	524.57	-637.97	10.00	9.94	-1.57
9,050.00	52.59	3.38	8,905.69	-599.06	527.04	-599.71	10.00	9.95	-1.34
9,100.00	57.57	2.79	8,934.31	-558.14	529.24	-558.79	10.00	9.95	-1.17
9,150.00	62.55	2.27	8,959.25	-514.87	531.15	-515.52	10.00	9.96	-1.05
9,171.95	64.73	2.05	8,969.00	-495.21	531.89	-495.86	10.00	9.96	-0.98
Harkey Sand									
9,200.00	67.53	1.79	8,980.35	-469.58	532.75	-470.23	10.00	9.96	-0.94
9,250.00	72.51	1.35	8,997.43	-422.62	534.03	-423.28	10.00	9.97	-0.89
9,293.85	76.88	0.98	9,009.00	-380.34	534.89	-381.00	10.00	9.97	-0.84
Bone Spring 3 Upper Shale									
9,300.00	77.49	0.93	9,010.36	-374.35	534.99	-375.01	10.00	9.97	-0.83
9,350.00	82.48	0.52	9,019.05	-325.13	535.61	-325.79	10.00	9.97	-0.81
9,400.00	87.46	0.13	9,023.44	-275.34	535.89	-276.00	10.00	9.97	-0.79
9,425.45	90.00	359.93	9,024.00	-249.90	535.90	-250.55	10.00	9.97	-0.79
LP - 802H FTP.									
9,500.00	90.00	359.93	9,024.00	-175.35	535.80	-176.01	0.00	0.00	0.00
9,600.00	90.00	359.93	9,024.00	-75.35	535.67	-76.01	0.00	0.00	0.00
9,700.00	90.00	359.93	9,024.00	24.65	535.54	23.99	0.00	0.00	0.00
9,800.00	90.00	359.93	9,024.00	124.65	535.41	123.99	0.00	0.00	0.00
9,900.00	90.00	359.93	9,024.00	224.65	535.28	223.99	0.00	0.00	0.00
10,000.00	90.00	359.93	9,024.00	324.65	535.15	323.99	0.00	0.00	0.00
10,100.00	90.00	359.93	9,024.00	424.65	535.02	423.99	0.00	0.00	0.00
10,200.00	90.00	359.93	9,024.00	524.65	534.89	523.99	0.00	0.00	0.00
10,300.00	90.00	359.93	9,024.00	624.65	534.76	623.99	0.00	0.00	0.00
10,400.00	90.00	359.93	9,024.00	724.65	534.63	723.99	0.00	0.00	0.00
10,500.00	90.00	359.93	9,024.00	824.65	534.50	823.99	0.00	0.00	0.00
10,600.00	90.00	359.93	9,024.00	924.65	534.37	923.99	0.00	0.00	0.00
10,700.00	90.00	359.93	9,024.00	1,024.65	534.24	1,023.99	0.00	0.00	0.00
10,800.00	90.00	359.93	9,024.00	1,124.65	534.11	1,123.99	0.00	0.00	0.00
10,900.00	90.00	359.93	9,024.00	1,224.65	533.98	1,223.99	0.00	0.00	0.00
11,000.00	90.00	359.93	9,024.00	1,324.65	533.85	1,323.99	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
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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)
11,100.00	90.00	359.93	9,024.00	1,424.65	533.72	1,423.99	0.00	0.00	0.00
11,200.00	90.00	359.93	9,024.00	1,524.65	533.59	1,523.99	0.00	0.00	0.00
11,300.00	90.00	359.93	9,024.00	1,624.65	533.46	1,623.99	0.00	0.00	0.00
11,400.00	90.00	359.93	9,024.00	1,724.65	533.33	1,723.99	0.00	0.00	0.00
11,500.00	90.00	359.93	9,024.00	1,824.65	533.20	1,823.99	0.00	0.00	0.00
11,600.00	90.00	359.93	9,024.00	1,924.65	533.07	1,923.99	0.00	0.00	0.00
11,700.00	90.00	359.93	9,024.00	2,024.65	532.94	2,023.99	0.00	0.00	0.00
11,800.00	90.00	359.93	9,024.00	2,124.65	532.81	2,123.99	0.00	0.00	0.00
11,900.00	90.00	359.93	9,024.00	2,224.65	532.68	2,223.99	0.00	0.00	0.00
12,000.00	90.00	359.93	9,024.00	2,324.65	532.54	2,323.99	0.00	0.00	0.00
12,100.00	90.00	359.93	9,024.00	2,424.65	532.41	2,423.99	0.00	0.00	0.00
12,200.00	90.00	359.93	9,024.00	2,524.65	532.28	2,523.99	0.00	0.00	0.00
12,300.00	90.00	359.93	9,024.00	2,624.65	532.15	2,623.99	0.00	0.00	0.00
12,400.00	90.00	359.93	9,024.00	2,724.65	532.02	2,723.99	0.00	0.00	0.00
12,500.00	90.00	359.93	9,024.00	2,824.65	531.89	2,823.99	0.00	0.00	0.00
12,600.00	90.00	359.93	9,024.00	2,924.65	531.76	2,923.99	0.00	0.00	0.00
12,700.00	90.00	359.93	9,024.00	3,024.65	531.63	3,023.99	0.00	0.00	0.00
12,800.00	90.00	359.93	9,024.00	3,124.65	531.50	3,123.99	0.00	0.00	0.00
12,900.00	90.00	359.93	9,024.00	3,224.65	531.37	3,223.99	0.00	0.00	0.00
13,000.00	90.00	359.93	9,024.00	3,324.65	531.24	3,323.99	0.00	0.00	0.00
13,100.00	90.00	359.93	9,024.00	3,424.65	531.11	3,423.99	0.00	0.00	0.00
13,200.00	90.00	359.93	9,024.00	3,524.65	530.98	3,523.99	0.00	0.00	0.00
13,300.00	90.00	359.93	9,024.00	3,624.65	530.85	3,623.99	0.00	0.00	0.00
13,400.00	90.00	359.93	9,024.00	3,724.65	530.72	3,723.99	0.00	0.00	0.00
13,500.00	90.00	359.93	9,024.00	3,824.65	530.59	3,823.99	0.00	0.00	0.00
13,600.00	90.00	359.93	9,024.00	3,924.65	530.46	3,923.99	0.00	0.00	0.00
13,700.00	90.00	359.93	9,024.00	4,024.65	530.33	4,023.99	0.00	0.00	0.00
13,800.00	90.00	359.93	9,024.00	4,124.65	530.20	4,123.99	0.00	0.00	0.00
13,900.00	90.00	359.93	9,024.00	4,224.65	530.07	4,223.99	0.00	0.00	0.00
14,000.00	90.00	359.93	9,024.00	4,324.65	529.94	4,323.99	0.00	0.00	0.00
14,100.00	90.00	359.93	9,024.00	4,424.65	529.81	4,423.99	0.00	0.00	0.00
14,200.00	90.00	359.93	9,024.00	4,524.65	529.68	4,523.99	0.00	0.00	0.00
14,300.00	90.00	359.93	9,024.00	4,624.65	529.55	4,623.99	0.00	0.00	0.00
14,400.00	90.00	359.93	9,024.00	4,724.64	529.42	4,723.99	0.00	0.00	0.00
14,500.00	90.00	359.93	9,024.00	4,824.64	529.29	4,823.99	0.00	0.00	0.00
14,600.00	90.00	359.93	9,024.00	4,924.64	529.16	4,923.99	0.00	0.00	0.00
14,700.00	90.00	359.93	9,024.00	5,024.64	529.03	5,023.99	0.00	0.00	0.00
14,800.00	90.00	359.93	9,024.00	5,124.64	528.90	5,123.99	0.00	0.00	0.00
14,900.00	90.00	359.93	9,024.00	5,224.64	528.77	5,223.99	0.00	0.00	0.00
15,000.00	90.00	359.93	9,024.00	5,324.64	528.63	5,323.99	0.00	0.00	0.00
15,100.00	90.00	359.93	9,024.00	5,424.64	528.50	5,423.99	0.00	0.00	0.00
15,200.00	90.00	359.93	9,024.00	5,524.64	528.37	5,523.99	0.00	0.00	0.00
15,300.00	90.00	359.93	9,024.00	5,624.64	528.24	5,623.99	0.00	0.00	0.00
15,400.00	90.00	359.93	9,024.00	5,724.64	528.11	5,723.99	0.00	0.00	0.00
15,500.00	90.00	359.93	9,024.00	5,824.64	527.98	5,823.99	0.00	0.00	0.00
15,600.00	90.00	359.93	9,024.00	5,924.64	527.85	5,923.99	0.00	0.00	0.00
15,700.00	90.00	359.93	9,024.00	6,024.64	527.72	6,023.99	0.00	0.00	0.00
15,800.00	90.00	359.93	9,024.00	6,124.64	527.59	6,123.99	0.00	0.00	0.00
15,900.00	90.00	359.93	9,024.00	6,224.64	527.46	6,223.99	0.00	0.00	0.00
16,000.00	90.00	359.93	9,024.00	6,324.64	527.33	6,323.99	0.00	0.00	0.00
16,100.00	90.00	359.93	9,024.00	6,424.64	527.20	6,423.99	0.00	0.00	0.00
16,200.00	90.00	359.93	9,024.00	6,524.64	527.07	6,523.99	0.00	0.00	0.00
16,300.00	90.00	359.93	9,024.00	6,624.64	526.94	6,623.99	0.00	0.00	0.00
16,400.00	90.00	359.93	9,024.00	6,724.64	526.81	6,723.99	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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)
16,500.00	90.00	359.93	9,024.00	6,824.64	526.68	6,823.99	0.00	0.00	0.00
16,600.00	90.00	359.93	9,024.00	6,924.64	526.55	6,923.99	0.00	0.00	0.00
16,700.00	90.00	359.93	9,024.00	7,024.64	526.42	7,023.99	0.00	0.00	0.00
16,800.00	90.00	359.93	9,024.00	7,124.64	526.29	7,123.99	0.00	0.00	0.00
16,900.00	90.00	359.93	9,024.00	7,224.64	526.16	7,223.99	0.00	0.00	0.00
17,000.00	90.00	359.93	9,024.00	7,324.64	526.03	7,323.99	0.00	0.00	0.00
17,100.00	90.00	359.93	9,024.00	7,424.64	525.90	7,423.99	0.00	0.00	0.00
17,200.00	90.00	359.93	9,024.00	7,524.64	525.77	7,523.99	0.00	0.00	0.00
17,300.00	90.00	359.93	9,024.00	7,624.64	525.64	7,623.99	0.00	0.00	0.00
17,400.00	90.00	359.93	9,024.00	7,724.64	525.51	7,723.99	0.00	0.00	0.00
17,500.00	90.00	359.93	9,024.00	7,824.64	525.38	7,823.99	0.00	0.00	0.00
17,600.00	90.00	359.93	9,024.00	7,924.64	525.25	7,923.99	0.00	0.00	0.00
17,700.00	90.00	359.93	9,024.00	8,024.64	525.12	8,023.99	0.00	0.00	0.00
17,800.00	90.00	359.93	9,024.00	8,124.64	524.99	8,123.99	0.00	0.00	0.00
17,900.00	90.00	359.93	9,024.00	8,224.64	524.86	8,223.99	0.00	0.00	0.00
18,000.00	90.00	359.93	9,024.00	8,324.64	524.73	8,323.99	0.00	0.00	0.00
18,100.00	90.00	359.93	9,024.00	8,424.64	524.59	8,423.99	0.00	0.00	0.00
18,200.00	90.00	359.93	9,024.00	8,524.64	524.46	8,523.99	0.00	0.00	0.00
18,300.00	90.00	359.93	9,024.00	8,624.64	524.33	8,623.99	0.00	0.00	0.00
18,400.00	90.00	359.93	9,024.00	8,724.64	524.20	8,723.99	0.00	0.00	0.00
18,500.00	90.00	359.93	9,024.00	8,824.64	524.07	8,823.99	0.00	0.00	0.00
18,600.00	90.00	359.93	9,024.00	8,924.64	523.94	8,923.99	0.00	0.00	0.00
18,700.00	90.00	359.93	9,024.00	9,024.64	523.81	9,023.99	0.00	0.00	0.00
18,800.00	90.00	359.93	9,024.00	9,124.64	523.68	9,123.99	0.00	0.00	0.00
18,900.00	90.00	359.93	9,024.00	9,224.64	523.55	9,223.99	0.00	0.00	0.00
19,000.00	90.00	359.93	9,024.00	9,324.64	523.42	9,323.99	0.00	0.00	0.00
19,100.00	90.00	359.93	9,024.00	9,424.64	523.29	9,423.99	0.00	0.00	0.00
19,200.00	90.00	359.93	9,024.00	9,524.64	523.16	9,523.99	0.00	0.00	0.00
19,300.00	90.00	359.93	9,024.00	9,624.64	523.03	9,623.99	0.00	0.00	0.00
19,400.00	90.00	359.93	9,024.00	9,724.64	522.90	9,723.99	0.00	0.00	0.00
19,500.00	90.00	359.93	9,024.00	9,824.64	522.77	9,823.99	0.00	0.00	0.00
19,600.00	90.00	359.93	9,024.00	9,924.64	522.64	9,923.99	0.00	0.00	0.00
19,700.00	90.00	359.93	9,024.00	10,024.64	522.51	10,023.99	0.00	0.00	0.00
19,800.00	90.00	359.93	9,024.00	10,124.64	522.38	10,123.99	0.00	0.00	0.00
19,900.00	90.00	359.93	9,024.00	10,224.64	522.25	10,223.99	0.00	0.00	0.00
20,000.00	90.00	359.93	9,024.00	10,324.64	522.12	10,323.99	0.00	0.00	0.00
20,100.00	90.00	359.93	9,024.00	10,424.64	521.99	10,423.99	0.00	0.00	0.00
20,200.00	90.00	359.93	9,024.00	10,524.64	521.86	10,523.99	0.00	0.00	0.00
20,300.00	90.00	359.93	9,024.00	10,624.64	521.73	10,623.99	0.00	0.00	0.00
20,400.00	90.00	359.93	9,024.00	10,724.64	521.60	10,723.99	0.00	0.00	0.00
20,500.00	90.00	359.93	9,024.00	10,824.64	521.47	10,823.99	0.00	0.00	0.00
20,600.00	90.00	359.93	9,024.00	10,924.64	521.34	10,923.99	0.00	0.00	0.00
20,700.00	90.00	359.93	9,024.00	11,024.64	521.21	11,023.99	0.00	0.00	0.00
20,800.00	90.00	359.93	9,024.00	11,124.64	521.08	11,123.99	0.00	0.00	0.00
20,900.00	90.00	359.93	9,024.00	11,224.64	520.95	11,223.99	0.00	0.00	0.00
21,000.00	90.00	359.93	9,024.00	11,324.64	520.82	11,323.99	0.00	0.00	0.00
21,100.00	90.00	359.93	9,024.00	11,424.64	520.68	11,423.99	0.00	0.00	0.00
21,200.00	90.00	359.93	9,024.00	11,524.64	520.55	11,523.99	0.00	0.00	0.00
21,300.00	90.00	359.93	9,024.00	11,624.64	520.42	11,623.99	0.00	0.00	0.00
21,400.00	90.00	359.93	9,024.00	11,724.64	520.29	11,723.99	0.00	0.00	0.00
21,500.00	90.00	359.93	9,024.00	11,824.64	520.16	11,823.99	0.00	0.00	0.00
21,600.00	90.00	359.93	9,024.00	11,924.64	520.03	11,923.99	0.00	0.00	0.00
21,700.00	90.00	359.93	9,024.00	12,024.64	519.90	12,023.99	0.00	0.00	0.00
21,800.00	90.00	359.93	9,024.00	12,124.64	519.77	12,123.99	0.00	0.00	0.00

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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)
21,900.00	90.00	359.93	9,024.00	12,224.64	519.64	12,223.99	0.00	0.00	0.00
22,000.00	90.00	359.93	9,024.00	12,324.64	519.51	12,323.99	0.00	0.00	0.00
22,100.00	90.00	359.93	9,024.00	12,424.64	519.38	12,423.99	0.00	0.00	0.00
22,200.00	90.00	359.93	9,024.00	12,524.64	519.25	12,523.99	0.00	0.00	0.00
22,300.00	90.00	359.93	9,024.00	12,624.64	519.12	12,623.99	0.00	0.00	0.00
22,400.00	90.00	359.93	9,024.00	12,724.64	518.99	12,723.99	0.00	0.00	0.00
22,500.00	90.00	359.93	9,024.00	12,824.64	518.86	12,823.99	0.00	0.00	0.00
22,600.00	90.00	359.93	9,024.00	12,924.64	518.73	12,923.99	0.00	0.00	0.00
22,700.00	90.00	359.93	9,024.00	13,024.64	518.60	13,023.99	0.00	0.00	0.00
22,800.00	90.00	359.93	9,024.00	13,124.64	518.47	13,123.99	0.00	0.00	0.00
22,900.00	90.00	359.93	9,024.00	13,224.64	518.34	13,223.99	0.00	0.00	0.00
23,000.00	90.00	359.93	9,024.00	13,324.64	518.21	13,323.99	0.00	0.00	0.00
23,100.00	90.00	359.93	9,024.00	13,424.64	518.08	13,423.99	0.00	0.00	0.00
23,200.00	90.00	359.93	9,024.00	13,524.64	517.95	13,523.99	0.00	0.00	0.00
23,300.00	90.00	359.93	9,024.00	13,624.64	517.82	13,623.99	0.00	0.00	0.00
23,400.00	90.00	359.93	9,024.00	13,724.64	517.69	13,723.99	0.00	0.00	0.00
23,500.00	90.00	359.93	9,024.00	13,824.64	517.56	13,823.99	0.00	0.00	0.00
23,600.00	90.00	359.93	9,024.00	13,924.64	517.43	13,923.99	0.00	0.00	0.00
23,700.00	90.00	359.93	9,024.00	14,024.64	517.30	14,023.99	0.00	0.00	0.00
23,800.00	90.00	359.93	9,024.00	14,124.64	517.17	14,123.99	0.00	0.00	0.00
23,900.00	90.00	359.93	9,024.00	14,224.64	517.04	14,223.99	0.00	0.00	0.00
24,000.00	90.00	359.93	9,024.00	14,324.64	516.91	14,323.99	0.00	0.00	0.00
24,100.00	90.00	359.93	9,024.00	14,424.64	516.78	14,423.99	0.00	0.00	0.00
24,200.00	90.00	359.93	9,024.00	14,524.64	516.64	14,523.99	0.00	0.00	0.00
24,300.00	90.00	359.93	9,024.00	14,624.64	516.51	14,623.99	0.00	0.00	0.00
24,400.00	90.00	359.93	9,024.00	14,724.64	516.38	14,723.99	0.00	0.00	0.00
24,500.00	90.00	359.93	9,024.00	14,824.64	516.25	14,823.99	0.00	0.00	0.00
24,600.00	90.00	359.93	9,024.00	14,924.64	516.12	14,923.99	0.00	0.00	0.00
24,700.00	90.00	359.93	9,024.00	15,024.64	515.99	15,023.99	0.00	0.00	0.00
24,800.00	90.00	359.93	9,024.00	15,124.64	515.86	15,123.99	0.00	0.00	0.00
24,900.00	90.00	359.93	9,024.00	15,224.64	515.73	15,223.99	0.00	0.00	0.00
25,000.00	90.00	359.93	9,024.00	15,324.64	515.60	15,323.99	0.00	0.00	0.00
25,106.12	90.00	359.93	9,024.00	15,430.75	515.46	15,430.11	0.00	0.00	0.00
802H LTP.									
25,156.12	90.00	359.93	9,024.00	15,480.75	515.40	15,480.11	0.00	0.00	0.00
802H BHL.									

XTO ENERGY

Planning Report

Database:	EDM 5000.1.13 Single User Db	**Local Co-ordinate Reference:**	Well 802H
Company:	XTO Energy	**TVD Reference:**	GL @ 2969.00usft (TBD)
Project:	EDDY COUNTY, NM (NAD-27)	**MD Reference:**	GL @ 2969.00usft (TBD)
Site:	CORRAL CANYON 17-5 FED	**North Reference:**	Grid
Well:	802H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT		

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
802H SHL. - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	408,868.40	600,830.90	32.1236768	-104.0076296
802H FTP. - plan hits target center - Point	0.00	0.00	9,024.00	-249.90	535.90	408,618.50	601,366.80	32.1229853	-104.0059010
802H LTP. - plan misses target center by 43.86usft at 25106.12usft MD (9024.00 TVD, 15430.75 N, 515.46 E) - Point	0.00	0.00	9,024.00	15,430.70	471.60	424,299.10	601,302.50	32.1660916	-104.0059547
802H BHL. - plan misses target center by 44.10usft at 25156.12usft MD (9024.00 TVD, 15480.75 N, 515.40 E) - Point	0.00	0.00	9,024.00	15,480.70	471.30	424,349.10	601,302.20	32.1662291	-104.0059552

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
355.00	355.00	Rustler			
701.00	701.00	Salado			
2,577.34	2,574.00	Base of Salt			
2,851.55	2,845.00	Delaware			
3,763.24	3,746.00	Cherry Canyon			
5,400.44	5,364.00	Brushy Canyon			
6,379.92	6,332.00	Basal Brushy Canyon			
6,646.04	6,595.00	Bone Spring			
6,817.05	6,764.00	Avalon			
7,251.14	7,193.00	Avalon Lower			
7,408.99	7,349.00	Bone Spring 1 Lime			
7,576.96	7,515.00	Bone Spring 1 Sand			
8,075.80	8,008.00	Bone Spring 2 Lime			
8,429.96	8,358.00	Bone Spring 2 Sand			
8,775.22	8,694.00	Bone Spring 3 Lime			
9,171.95	8,969.00	Harkey Sand			
9,293.85	9,009.00	Bone Spring 3 Upper Shale			
9,425.45	9,024.00	LP			

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO Energy Incorporated
WELL NAME & NO.:	Corral Canyon 17-5 Federal 802H
LOCATION:	Sec 17-25S-29E-NMP
COUNTY:	Eddy County, New Mexico

COA

H_2S	○ No	○ Yes		
Potash / WIPP	◉ None	○ Secretary	○ R-111-P	☐ WIPP
Cave / Karst	○ Low	◉ Medium	○ High	○ Critical
Wellhead	○ Conventional	◉ Multibowl	○ Both	○ Diverter
Cementing	☐ Primary Squeeze	☐ Cont. Squeeze	☐ EchoMeter	☐ DV Tool
Special Req	☑ Break Testing	☐ Water Disposal	☐ COM	☐ Unit
Variance	☑ Flex Hose	☐ Casing Clearance	☐ Pilot Hole	☐ Capitan Reef
Variance	☐ Four-String	☑ Offline Cementing	☐ Fluid-Filled	☐ Open Annulus
☐ **Batch APD / Sundry**				

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 **9-5/8** inch surface casing shall be set at approximately 450 feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) 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

Approval Date: 08/16/2024

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 **7-5/8** 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, Capitan Reef, 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.

3. The minimum required fill of cement behind the **5-1/2** 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. 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. 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 43 CFR 3172 must be followed.

D. SPECIAL REQUIREMENT (S)

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- 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 **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-361-2822 Eddy County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per Onshore Oil and Gas Order No. 2.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

Offline Cementing
Contact the BLM prior to the commencement of any offline cementing procedure.

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
Email **or** call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, **BLM_NM_CFO_DrillingNotifications@BLM.GOV**
(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 **43 CFR part 3170 Subpart 3172** 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 integrity 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 **43 CFR part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

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 **43 CFR part 3170 Subpart 3172** 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 cement), 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 cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

    c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** 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 **43 CFR part 3170 Subpart 3172**.

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.

HYDROGEN SULFIDE (H2S) CONTINGENCY PLAN

Assumed 100 ppm ROE = 3000’

100 ppm H2S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H_2S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H_2S monitors and air packs in order to control the release.
- Use the “buddy system” to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
    - Detection of H_2S, and
    - Measures for protection against the gas,
    - Equipment used for protection and emergency response.

Ignition of Gas source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever this is an ignition of the gas.

Characteristics of H_2S and SO_2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H_2S	1.189 Air = I	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21 Air = I	2 ppm	N/A	1000 ppm

Contacting Authorities

All XTO location personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. (Operator Name)’s response must be in coordination with the State of New Mexico’s “Hazardous Materials Emergency Response Plan” (HMER).

CARLSBAD OFFICE – EDDY & LEA COUNTIES

3104 E. Greene St., Carlsbad, NM 88220
Carlsbad, NM 575-887-7329

XTO PERSONNEL:

Jesse Chondo, Drilling Manager	432-210-7505
Sean Strode, Drilling Superintendent	432-234-0875
Josh Davis, Construction Foreman	936-332-2212
Andy Owens, EH & S Manager	903-245-2602
Mike Allen, Production Foreman	918-421-9056

SHERIFF DEPARTMENTS:

Eddy County	575-887-7551
Lea County	575-396-3611

NEW MEXICO STATE POLICE: 575-392-5588

FIRE DEPARTMENTS: 911

Carlsbad	575-885-2111
Eunice	575-394-2111
Hobbs	575-397-9308
Jal	575-395-2221
Lovington	575-396-2359

HOSPITALS: 911

Carlsbad Medical Emergency	575-885-2111
Eunice Medical Emergency	575-394-2112
Hobbs Medical Emergency	575-397-9308
Jal Medical Emergency	575-395-2221
Lovington Medical Emergency	575-396-2359

AGENT NOTIFICATIONS:

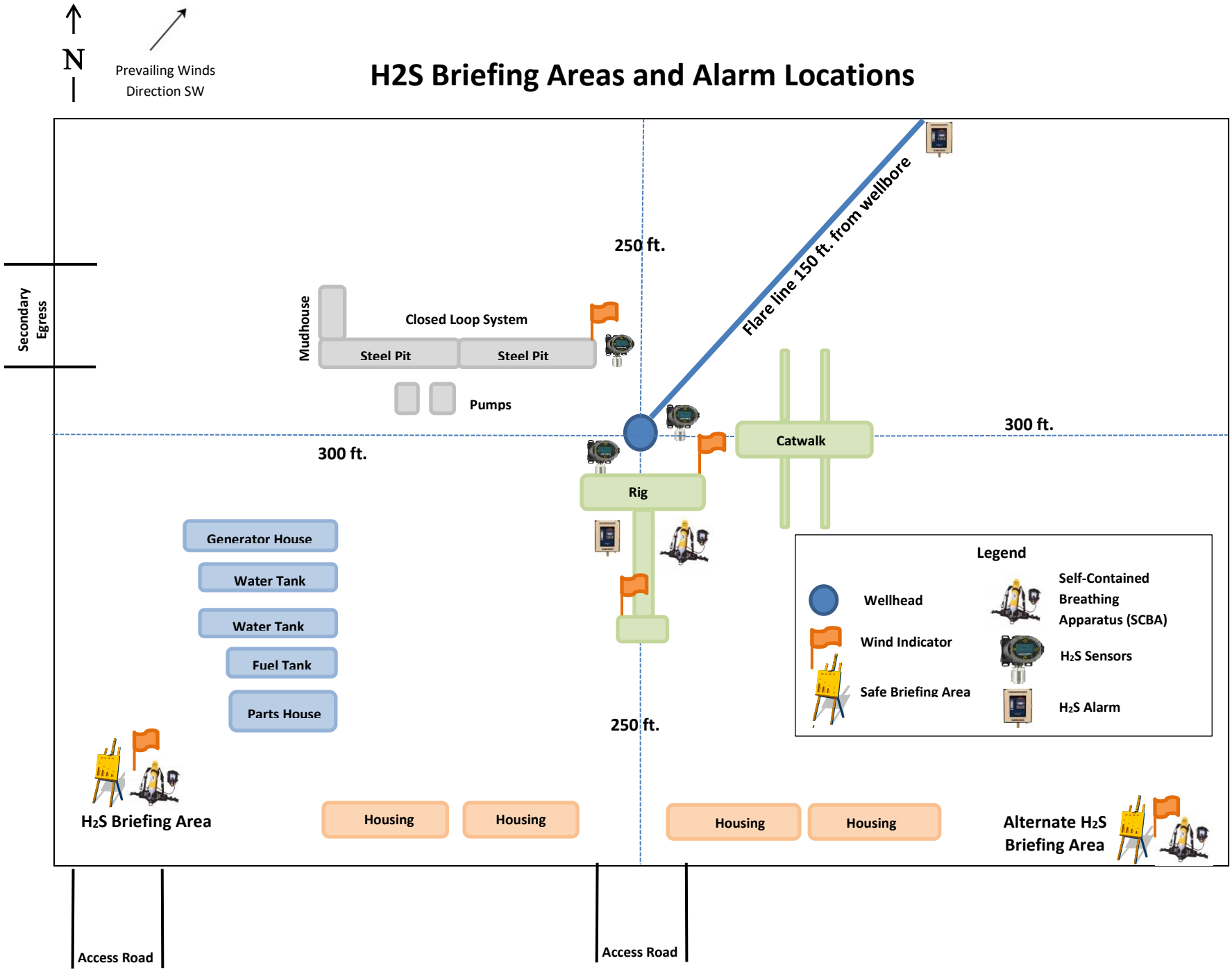
For Lea County:

Bureau of Land Management – Hobbs	575-393-3612
New Mexico Oil Conservation Division – Hobbs	575-393-6161

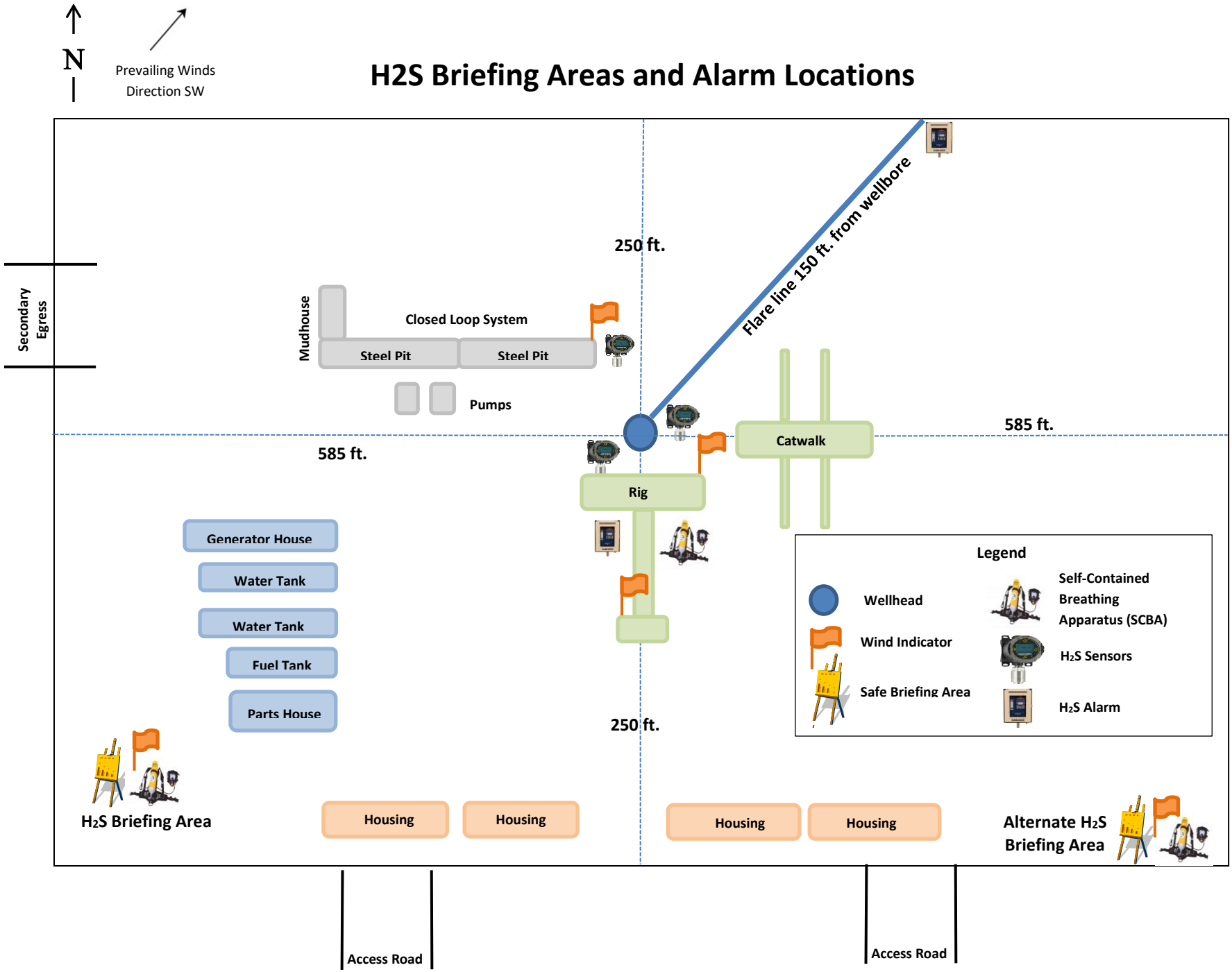
For Eddy County:

Bureau of Land Management - Carlsbad	575-234-5972
New Mexico Oil Conservation Division - Artesia	575-748-1283

H2S Briefing Areas and Alarm Locations



H2S Briefing Areas and Alarm Locations



Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to the disposal of human and solid waste will be complied with. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: A licensed 3rd party contractor to haul and dispose of human waste.

Waste type: GARBAGE

Waste content description: All garbage, junk and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage, to prevent scattering and will be removed and deposited in an approved sanitary landfill. Immediately after drilling all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.

Amount of waste: 250 pounds

Waste disposal frequency : Weekly

Safe containment description: All garbage, junk and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage, to prevent scattering and will be removed and deposited in an approved sanitary landfill. Immediately after drilling all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: A licensed 3rd party contractor will be used to haul and dispose of garbage.

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Operator Name: XTO ENERGY INCORPORATED

Well Name: CORRAL CANYON 17-5 FEDERAL **Well Number:** 802H

Are you storing cuttings on location? Y

Description of cuttings location Cuttings. The well will be drilled utilizing a closed-loop mud system. Drill cuttings will be held in roll-off style mud boxes and taken to a New Mexico Oil Conservation Division (NMOCD) approved disposal site. Drilling Fluids. These will be contained in steel mud pits and then taken to a NMOCD approved commercial disposal facility. Produced Fluids. Water produced from the well during completion will be held temporarily in steel tanks and then taken to a NMOCD approved commercial disposal facility. Oil produced during operations will be stored in tanks until sold.

Cuttings area length (ft.) **Cuttings area width (ft.)**

Cuttings area depth (ft.) **Cuttings area volume (cu. yd.)**

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary

Are you requesting any Ancillary Facilities?: N

Ancillary Facilities

Comments:

Section 9 - Well Site

Well Site Layout Diagram:

Corral_Canyon_17_8_5_Fed_802H_RL_20230503070134.pdf
Corral_Canyon_17_8_5_Fed__RL_2_3_20230515081926.pdf
Corral_Canyon_17_8_5_Fed__RL1_20230515081933.pdf
Corral_Canyon_17_8_5_Fed_802H_Well_20230615172548.pdf

Comments: Multi-well pad.

Section 10 - Plans for Surface Reclamation

Type of disturbance: New Surface Disturbance **Multiple Well Pad Name:** CORRAL CANYON 17-8-5 FED

Multiple Well Pad Number: B/C

Recontouring

Right_Popular_20_Fed_IR1_1_20230618155401.pdf
Right_Popular_20_Fed_IR2_1_20230618155411.pdf
Right_Popular_20_Fed_IR3_1_20230618155421.pdf
Right_Popular_20_Fed_IR4_1_20230618155433.pdf
Corral_Canyon_17_8_5_Fed__IR_2_3_20240329090913.pdf
Corral_Canyon_17_8_5_Fed__IR_1_20240329090913.pdf

Drainage/Erosion control construction: Initial seedbed preparation will consist of recontouring to the appropriate interim or final reclamation standard. All compacted areas to be seeded will be ripped to a

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

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

CONDITIONS

Action 375410

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 375410
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD 24 hours prior to casing & cement	8/21/2024
ward.rikala	Will require a File As Drilled C-102 and a Directional Survey with the C-104	8/21/2024
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	8/21/2024
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing	8/21/2024
ward.rikala	If cement does not circulate on any string, a CBL is required for that string of casing	8/21/2024
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system	8/21/2024