

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

**HOBBS** **OCD** **Hobbs**  
APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

JUN 13 2018

RECEIVED

MIN F  
SURF R

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM016353
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator XTO ENERGY INCORPORATED (5380)		7. If Unit or CA Agreement, Name and No.
3a. Address 810 Houston St. Ft. Worth TX 76102	3b. Phone No. (include area code) (432)620-6700	8. Lease Name and Well No. (31531) OUTRIDER FEDERAL 3H
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SWSE / 274 FSL / 1980 FEL / LAT 32.182008 / LONG -103.677457 At proposed prod. zone NWNE / 200 FNL / 1980 FEL / LAT 32.209727 / LONG -103.677462		9. API Well No. 30-025-44897
14. Distance in miles and direction from nearest town or post office*		10. Field and Pool, or Exploratory BONE SPRING / WC-025 G-06 S253306
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 274 feet		11. Sec., T. R. M. or Blk. and Survey or Area SEC 28 / T24S / R32E / NMP
16. No. of acres in lease 1720		12. County or Parish LEA
17. Spacing Unit dedicated to this well 320		13. State NM
18. Distance from proposed location* to nearest well, drilling, completed, 8931 feet applied for, on this lease, ft.		20. BLM/BIA Bond No. on file FED: UTB000138
19. Proposed Depth 10801 feet / 20639 feet		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3528 feet
22. Approximate date work will start* 08/16/2017		23. Estimated duration 90 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

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

25. Signature (Electronic Submission)	Name (Printed/Typed) Stephanie Rabadue / Ph: (432)620-6714	Date 04/06/2017
Title Regulatory Compliance Analyst		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 05/16/2018
Title Supervisor Multiple Resources		
Office CARLSBAD		

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.

(Continued on page 2)

\*(Instructions on page 2)

GCP Rec 06/13/18

Kz  
06/14/18

**APPROVED WITH CONDITIONS**  
Approval Date: 05/16/2018

Double Sided

## 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 1:** 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 well, 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 directionally 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.

## 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 well 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 will 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 collects this information to allow 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 Collection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

## **Additional Operator Remarks**

### **Location of Well**

1. SHL: SWSE / 274 FSL / 1980 FEL / TWSP: 24S / RANGE: 32E / SECTION: 28 / LAT: 32.182008 / LONG: -103.677457 ( TVD: 0 feet, MD: 0 feet )  
PPP: SWSE / 874 FSL / 1980 FEL / TWSP: 24S / RANGE: 32E / SECTION: 28 / LAT: 32.183657 / LONG: -103.677457 ( TVD: 10801 feet, MD: 11128 feet )  
BHL: NWNW / 200 FNL / 1980 FEL / TWSP: 24S / RANGE: 32E / SECTION: 21 / LAT: 32.209727 / LONG: -103.677462 ( TVD: 10801 feet, MD: 20639 feet )

## **BLM Point of Contact**

Name: Katrina Ponder  
Title: Geologist  
Phone: 5752345969  
Email: kponder@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.

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**Approval Date: 05/16/2018**

(Form 3160-3, page 4)



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

# Operator Certification Data Report

05/17/2018

## Operator Certification

*I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.*

**NAME:** Stephanie Rabadue

**Signed on:** 04/03/2017

**Title:** Regulatory Compliance Analyst

**Street Address:** 500 W. Illinois St, Ste 100

**City:** Midland

**State:** TX

**Zip:** 79701

**Phone:** (432)620-6714

**Email address:** stephanie\_rabadue@xtoenergy.com

## Field Representative

**Representative Name:** Stephanie Rabadue

**Street Address:** 500 W. Illinois Street, Ste.100

**City:** Midland

**State:** TX

**Zip:** 79701

**Phone:** (432)620-6714

**Email address:** stephanie\_rabadue@xtoenergy.com



APD ID: 10400012312

Submission Date: 04/06/2017

Operator Name: XTO ENERGY INCORPORATED

Well Name: OUTRIDER FEDERAL

Well Number: 3H

Well Type: OIL WELL

Well Work Type: Drill



[Show Final Text](#)

### Section 1 - General

APD ID: 10400012312

Tie to previous NOS?

Submission Date: 04/06/2017

BLM Office: CARLSBAD

User: Stephanie Rabadue

Title: Regulatory Compliance Analyst

Federal/Indian APD: FED

Is the first lease penetrated for production Federal or Indian? FED

Lease number: MNM016353

Lease Acres: 1720

Surface access agreement in place?

Allotted?

Reservation:

Agreement in place? NO

Federal or Indian agreement:

Agreement number:

Agreement name:

Keep application confidential? NO

Permitting Agent? NO

APD Operator: XTO ENERGY INCORPORATED

Operator letter of designation:

Outrider\_Fed\_3H\_Op\_03-13-2017.pdf

### Operator Info

Operator Organization Name: XTO ENERGY INCORPORATED

Operator Address: 810 Houston St.

Zip: 76102

Operator PO Box:

Operator City: Ft. Worth

State: TX

Operator Phone: (432)620-6700

Operator Internet Address: Richard\_redus@xtoenergy.com

### Section 2 - Well Information

Well in Master Development Plan? NO

Mater Development Plan name:

Well in Master SUPO? NO

Master SUPO name:

Well in Master Drilling Plan? NO

Master Drilling Plan name:

Well Name: OUTRIDER FEDERAL

Well Number: 3H

Well API Number:

Field/Pool or Exploratory? Field and Pool

Field Name: BONE SPRING

Pool Name: WC-025 G-06  
S253306M; BONE SPRING

Is the proposed well in an area containing other mineral resources? USEABLE WATER,NATURAL GAS

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Describe other minerals:**

**Is the proposed well in a Helium production area?** N    **Use Existing Well Pad?** NO    **New surface disturbance?**

**Type of Well Pad:** SINGLE WELL

**Multiple Well Pad Name:**

**Number:**

**Well Class:** HORIZONTAL

**Number of Legs:** 1

**Well Work Type:** Drill

**Well Type:** OIL WELL

**Describe Well Type:**

**Well sub-Type:** CONFIRMATION

**Describe sub-type:**

**Distance to town:**

**Distance to nearest well:** 8931 FT

**Distance to lease line:** 274 FT

**Reservoir well spacing assigned acres Measurement:** 320 Acres

**Well plat:** Outrider\_Fed\_3H\_C102\_03-16-2017.pdf

**Well work start Date:** 08/16/2017

**Duration:** 90 DAYS

### Section 3 - Well Location Table

**Survey Type:** RECTANGULAR

**Describe Survey Type:**

**Datum:** NAD83

**Vertical Datum:** NAVD88

**Survey number:**

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	274	FSL	198 0	FEL	24S	32E	28	Aliquot SWSE	32.18200 8	- 103.6774 57	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 016353	352 8	0	0
KOP Leg #1	274	FSL	198 0	FEL	24S	32E	28	Aliquot SWSE	32.18200 8	- 103.6774 57	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 016353	- 672 2	102 50	102 50
PPP Leg #1	874	FSL	198 0	FEL	24S	32E	28	Aliquot SWSE	32.18365 7	- 103.6774 57	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 016353	- 727 3	111 28	108 01

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
EXIT Leg #1	330	FNL	198 0	FEL	24S	32E	21	Aliquot NWNE	32.20937	- 103.6774 62	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 029694	- 727 3	205 00	108 01
BHL Leg #1	200	FNL	198 0	FEL	24S	32E	21	Aliquot NWNE	32.20972 7	- 103.6774 62	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 029694	- 727 3	206 39	108 01



APD ID: 10400012312

Submission Date: 04/06/2017

Operator Name: XTO ENERGY INCORPORATED

Highlighted data  
reflects the most  
recent changes

Well Name: OTRIDER FEDERAL

Well Number: 3H

Show Final Text

Well Type: OIL WELL

Well Work Type: Drill

**Section 1 - Geologic Formations**

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	PERMIAN	3528	0	0	SILTSTONE	NONE	No
2	RUSTLER	2631	897	897	SANDSTONE	USEABLE WATER	No
3	TOP SALT	2324	1204	1204	SALT	NONE	No
4	BASE OF SALT	-959	4487	4487	SALT	NONE	No
5	DELAWARE	-1192	4720	4720	SANDSTONE	OTHER : produced water	No
6	CHERRY CANYON	-2106	5634	5634	SANDSTONE	NATURAL GAS,OIL,OTHER : produced water	No
7	BRUSHY CANYON	-3676	7204	7204	SANDSTONE	NATURAL GAS,OIL,OTHER : produced water	No
8	BONE SPRING	-5106	8634	8634	SANDSTONE	NATURAL GAS,OIL,OTHER : produced water	No
9	BONE SPRING 1ST	-6241	9769	9769	SANDSTONE	NATURAL GAS,OIL,OTHER : produced water	No
10	BONE SPRING 2ND	-6825	10353	10353	SANDSTONE	NATURAL GAS,OIL,OTHER : produced water	Yes

**Section 2 - Blowout Prevention**

Pressure Rating (PSI): 3M

Rating Depth: 10853

**Equipment:** The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 3M Hydril and a 13-5/8" minimum 3M Double Ram BOP. Max bottom hole pressure should not exceed 5055psi.

**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 rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

**Testing Procedure:** All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nipping up on the 13- 5/8" 5M bradenhead and flange, the BOP test will be limited to 3000 psi. When nipping up on the 9-5/8", the BOP will be tested to a minimum of 3000psi. All BOP tests will include a low pressure test as per BLM regulations. The 3M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Choke Diagram Attachment:**

Outrider\_Fed\_3H\_CM\_03-22-2017.pdf

**BOP Diagram Attachment:**

Outrider\_Fed\_3H\_BOP\_03-22-2017.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	17.5	13.375	NEW	API	N	0	1100	0	1100			1100	H-40	48	STC	1.53	2.31	DRY	6.1	DRY	6.1
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	4740	0	4740			4740	J-55	36	LTC	1.13	2	DRY	2.65	DRY	2.65
3	PRODUCTION	8.75	5.5	NEW	API	N	0	20639	0	10801			20639	P-110	17	BUTT	1.48	1.12	DRY	1.62	DRY	1.62

**Casing Attachments**

**Casing ID:** 1      **String Type:** SURFACE

**Inspection Document:**

**Spec Document:**

**Tapered String Spec:**

**Casing Design Assumptions and Worksheet(s):**

Outrider\_Fed\_3H\_Csg\_Spec\_03-29-2017.pdf

Operator Name: XTO ENERGY INCORPORATED

Well Name: OUTRIDER FEDERAL

Well Number: 3H

**Casing Attachments**

Casing ID: 2 String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Outrider\_Fed\_3H\_Csg\_Spec\_03-29-2017.pdf

Casing ID: 3 String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Outrider\_Fed\_3H\_Csg\_Spec\_03-29-2017.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	1100	0	1100	631	1.68	14.9	1110.59	100	Extanda Cem-CZ	None
SURFACE	Tail				303	1.85	14.9	415.8		Hiltcem S	2% C-10
INTERMEDIATE	Lead		0	4740	1412	1.88	14.9	2051.56	100	EconoCem-HLC	None
INTERMEDIATE	Tail				235	1.83	14.9	347.3	100	Hiltcem S	None
PRODUCTION	Lead		4740	20639	627	2.69	10.5	1036.66	50	Tuned Light	None

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OTRIDER FEDERAL

**Well Number:** 3H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Tail				2205	11.61	10.2	3696.56		VarcaCem P4HS2	HRCOM #0.8% LAP-1 #0.25 black D at 5000 #0.2% AR Gel #0.4% CFR-3 #1 pos Salt

### 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:** A Pason or Totco will be used to detect changes in loss or gain of mud volume.

### 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
0	1100	OTHER : FW/Native	8.4	8.8							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.
1100	4740	OTHER : Brine/Gel Sweeps	9.8	10.2							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

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

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
											help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.
4740	2063 9	OTHER : FW / Cut Brine / Poly- Sweeps	8.6	9							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.

**Section 6 - Test, Logging, Coring**

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

Mud Logger, Mud Logging Unit (2 men) on below intermediate casing.

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

CBL,CNL,DS,DLL,GR,MUDLOG

Coring operation description for the well:

No coring will take place on this well.

**Section 7 - Pressure**

Anticipated Bottom Hole Pressure: 5055

Anticipated Surface Pressure: 2678.78

Anticipated Bottom Hole Temperature(F): 160

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

Describe:

Contingency Plans geohazards description:

Contingency Plans geohazards attachment:

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations plan:

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

Outrider\_Fed\_3H\_H2S\_03-30-2017.pdf

Outrider\_Fed\_3H\_H2SD\_03-30-2017.pdf

## **Section 8 - Other Information**

**Proposed horizontal/directional/multi-lateral plan submission:**

Outrider\_Fed\_3H\_DIR\_03-30-2017.pdf

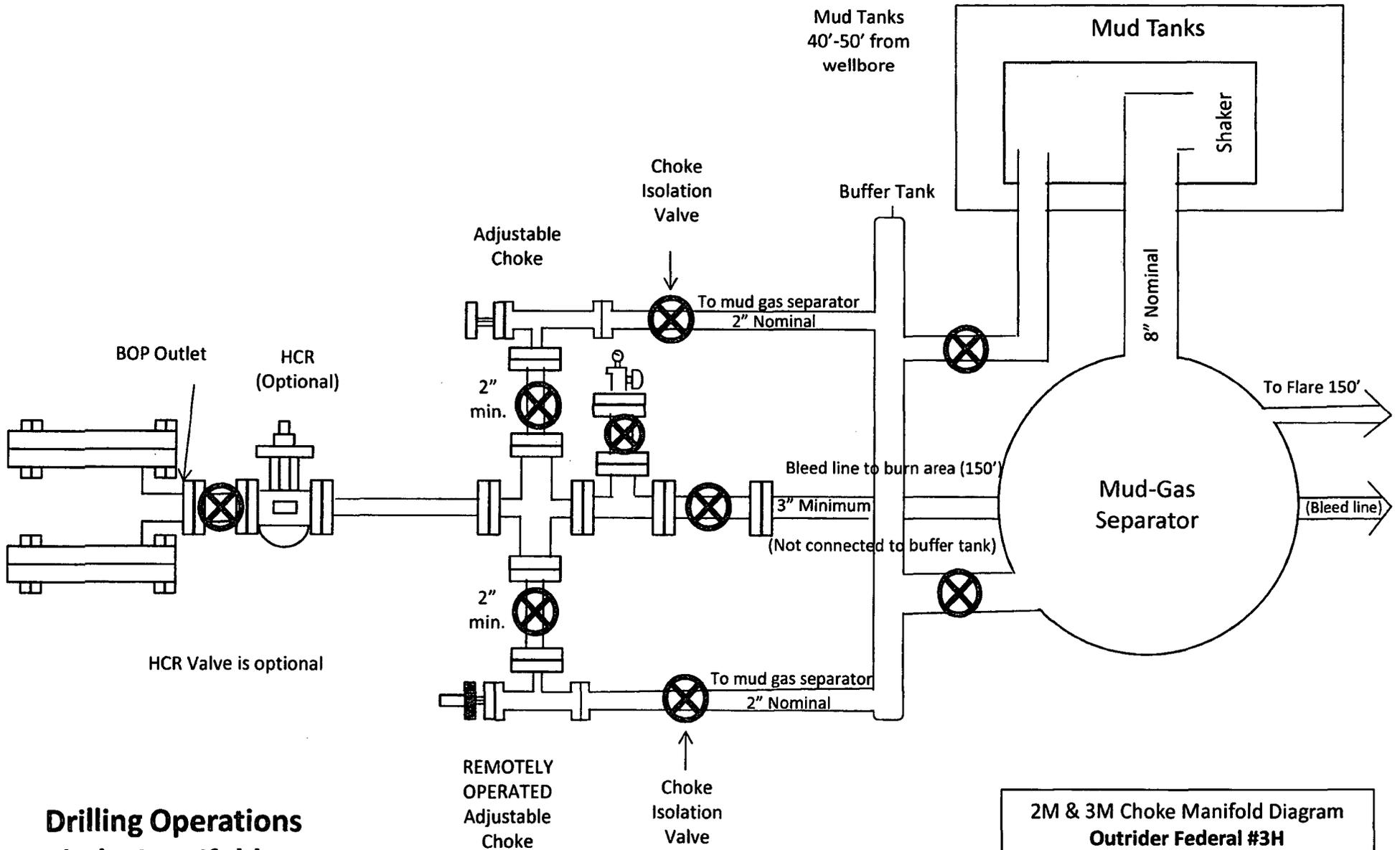
**Other proposed operations facets description:**

**Other proposed operations facets attachment:**

Outrider\_Fed\_3H\_GCP\_20180209104748.pdf

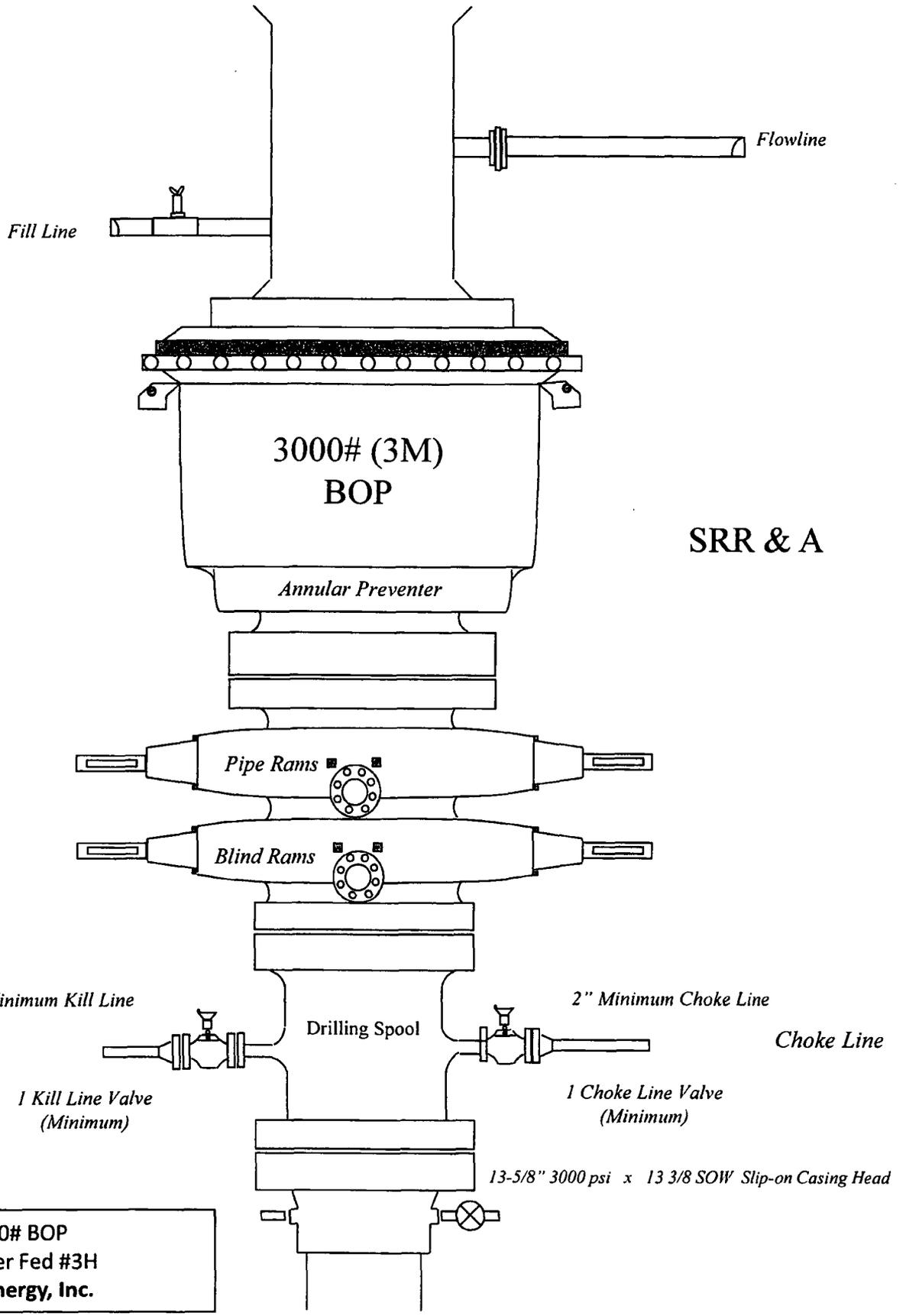
**Other Variance attachment:**

Outrider\_Fed\_FH\_20180209104548.pdf



**Drilling Operations  
Choke Manifold  
2M & 3M Service**

**2M & 3M Choke Manifold Diagram  
Outsider Federal #3H  
XTO Energy, Inc.**



**SRR & A**

**3000# BOP  
Outrider Fed #3H  
XTO Energy, Inc.**



GATES E & S NORTH AMERICA, INC  
 DU-TEX  
 134 44TH STREET  
 CORPUS CHRISTI, TEXAS 78405

PHONE: 361-887-9807  
 FAX: 361-887-0812  
 EMAIL: crpe&s@gates.com  
 WEB: www.gates.com

**GRADE D PRESSURE TEST CERTIFICATE**

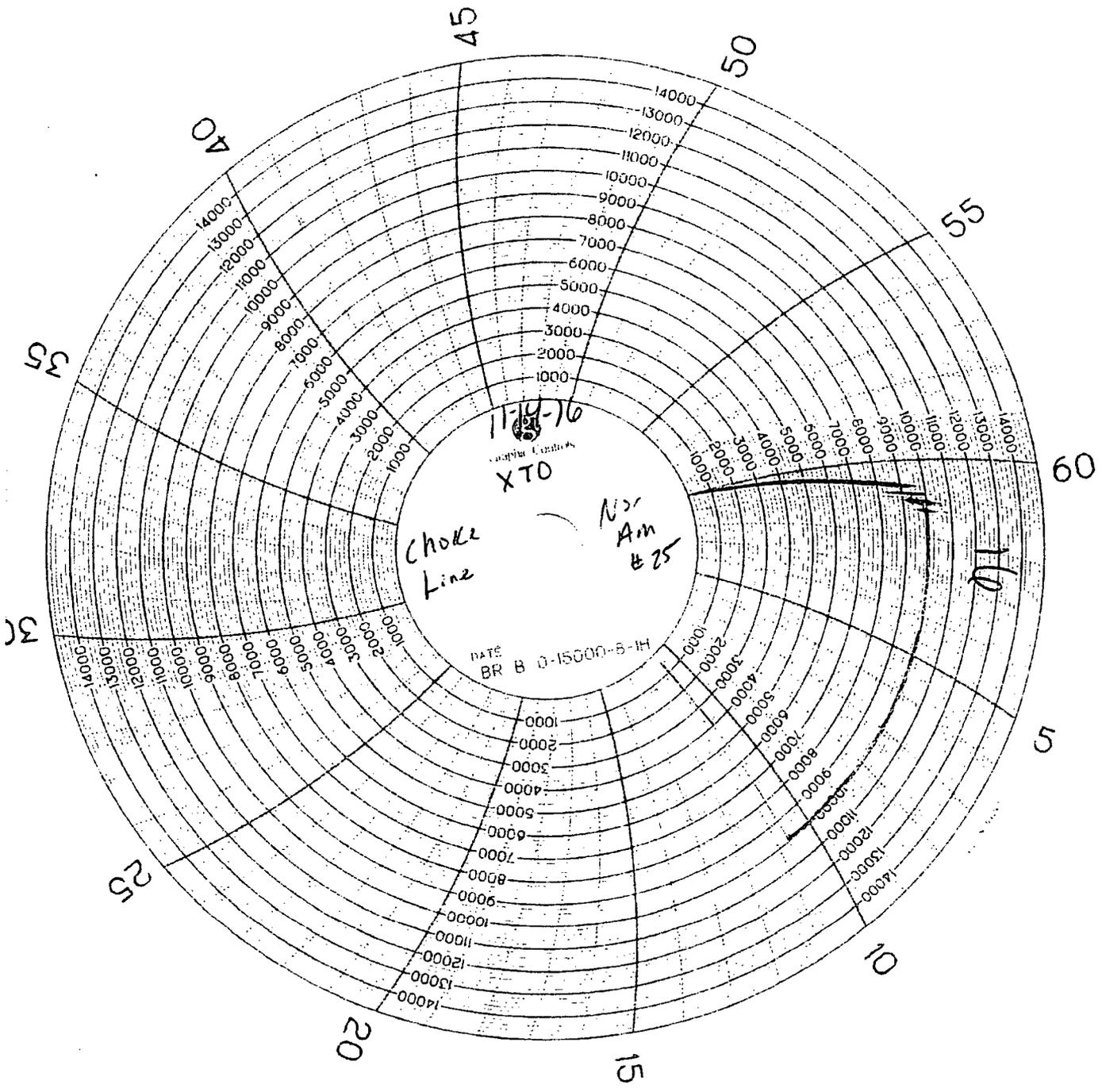
Customer :	AUSTIN DISTRIBUTING	Test Date:	6/8/2014
Customer Ref. :	PENDING	Hose Serial No.:	D-060814-1
Invoice No. :	201709	Created By:	NORMA

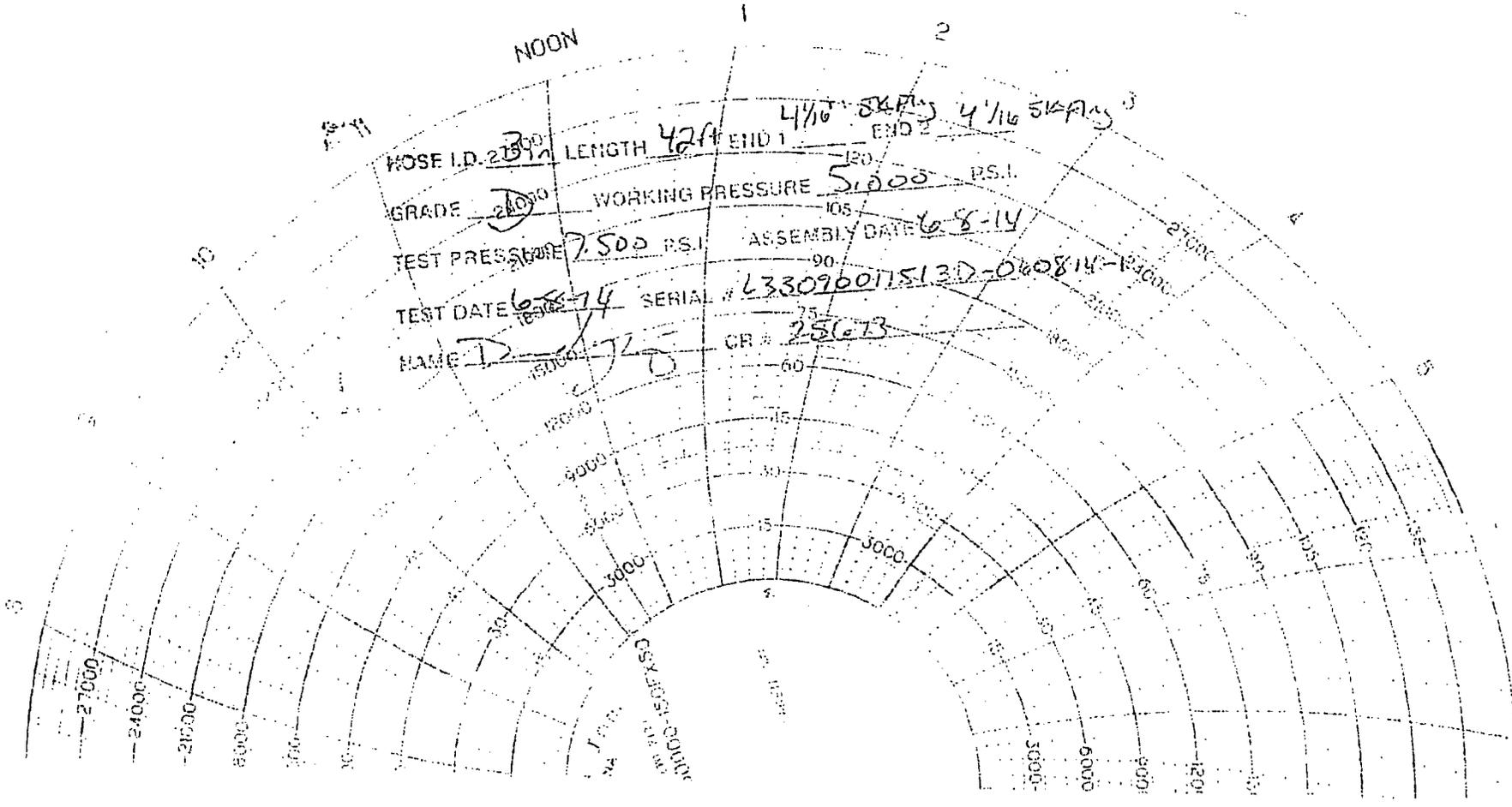
Product Description: FD3.042.0R41/16.5KFLGE/E LE

End Fitting 1 :	4 1/16 in.SK FLG	End Fitting 2 :	4 1/16 in.SK FLG
Gates Part No. :	4774-6001	Assembly Code :	L33090011S13D-060814-1
Working Pressure :	5,000 PSI	Test Pressure :	7,500 PSI

Gates E & S North America, Inc. certifies that the following hose assembly has been tested to the Gates Oilfield Roughneck Agreement/Specification requirements and passed the 15 minute hydrostatic test per API Spec 7K/Q1, Fifth Edition, June 2010, Test pressure 9.6.7 and per Table 9 to 7,500 psi in accordance with this product number. Hose burst pressure 9.6.7.2 exceeds the minimum of 2.5 times the working pressure per Table 9.

Quality:	QUALITY	Technical Supervisor :	PRODUCTION
Date :	6/8/2014	Date :	6/8/2014
Signature :	<i>[Signature]</i>	Signature :	<i>[Signature]</i>





NOON

HOSE I.D. 3 1/2 LENGTH 42ft END 1 4 1/16 S&FMS END 2 4 1/16 S&FMS

GRADE D WORKING PRESSURE 5000 P.S.I.

TEST PRESSURE 7500 P.S.I. ASSEMBLY DATE 6-8-14

TEST DATE 6-8-14 SERIAL # L33096011513D-060814-R1000

NAME D. J. S. CR # 25613

CSX-3050-00100  
11/11/14

APD ID: 10400012312

Submission Date: 04/06/2017

Operator Name: XTO ENERGY INCORPORATED

Well Name: OUTRIDER FEDERAL

Well Number: 3H

Well Type: OIL WELL

Well Work Type: Drill



[Show Final Text](#)

**Section 1 - Existing Roads**

Will existing roads be used? YES

Existing Road Map:

Outrider\_Fed\_3H\_Road\_20171026122510.pdf



Row(s) Exist? NO

**ROW ID(s)**

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

**Section 2 - New or Reconstructed Access Roads**

Will new roads be needed? YES

New Road Map:

Outrider\_Fed\_3H\_Road\_04-03-2017.pdf



Length: 43.3 Feet Width (ft.): 14

Max slope (%): 2 Max grade (%): 3

Army Corp of Engineers (ACOE) permit required? NO

ACOE Permit Number(s):

New road travel width: 14

**New road access erosion control:** The access road will be constructed and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along with access road route.

New road access plan or profile prepared? NO

New road access plan attachment:

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Access road engineering design?** NO

**Access road engineering design attachment:**

**Access surfacing type:** OTHER

**Access topsoil source:** ONSITE

**Access surfacing type description:** The driving surface will be made of 6" rolled and compacted caliche.

**Access onsite topsoil source depth:** 6

**Offsite topsoil source description:**

**Onsite topsoil removal process:** Approximately 6 inches of topsoil (root zone) will be stripped from the proposed access road prior to any further construction activity. The topsoil that was stripped will be spread along the edge of the road and within the ditch. The topsoil will be seeded with the proper seed mix designated by the BLM.

**Access other construction information:** Construction, reclamation, and/or routine maintenance will not be conducted during periods when the soil conditions for construction could lead to impacts to the surrounding environment, or when watershed damage is likely to occur as a result of these activities.

**Access miscellaneous information:**

**Number of access turnouts:** 1

**Access turnout map:**

### Drainage Control

**New road/drainage crossing:** OTHER

**Drainage Control comments:** The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, The Gold Book, Fourth Edition and/ or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

**Road Drainage Control Structures (DCS) description:** No drainage control structures were identified at onsite. Drainage control structures will be applied for as-needed and be in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, The Gold Book, Fourth Edition and/ or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

**Road Drainage Control Structures (DCS) attachment:**

### Access Additional Attachments

**Additional Attachment(s):**

Outrider\_Fed\_3H\_Road\_04-03-2017.pdf

### Section 3 - Location of Existing Wells

**Existing Wells Map?** YES

**Attach Well map:**

Outrider\_Fed\_3H\_1\_mi\_04-03-2017.pdf

**Existing Wells description:**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

## Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: No additional production facility (CTB) is required. An existing CTB was approved and built under the Ouedir Federal 3H APD located at the North end of Section B64246-Road. See attached plot for additional details. CTB was sealed with High End Seal, Natural Resource Specialist, and approved by Bob Ballard. All permanent (one or more months or longer) above ground structures constructed or installed on location and not subject to safety requirements will be painted to ELM specifications. Containment berms will be constructed completely around any production facilities designed to hold fluids. The containment berms will be constructed of compacted soil, be sufficiently impervious, hold 1 1/2 times the capacity of the largest tank and away from all gates. Flowlines: 2 lines, nominal 10 7/8" will be run across the approved well pad, headed West, then North following existing disturbance to the CTB. Flowlines will be buried. One flowline is to take production from WH to CTB, will be 4" and 125psi or less. The second flowline will be a 6" 1200psi or less HP gas lift line. Electrical: Approximately 12,641.9' of 12,740 volt electrical line will be run from the well pad headed West, then North following existing disturbance to the CTB. Gas Sales Line: No gas sales line is needed for this facility. Gas sales line is installed at the CTB.

**Production Facilities map:**

Outrider\_Fed\_Fac\_20180209102818.pdf

Outrider\_Fed\_OHE\_20180209103655.pdf

Outrider\_Fed\_FL\_20180209103704.pdf

Outrider\_Fed\_LF\_20180209103725.pdf

## Section 5 - Location and Types of Water Supply

### Water Source Table

**Water source use type:** INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING

**Water source type:** GW WELL

**Describe type:**

**Source latitude:**

**Source longitude:**

**Source datum:** NAD83

**Water source permit type:** WATER WELL

**Source land ownership:** FEDERAL

**Water source transport method:** TRUCKING

**Source transportation land ownership:** FEDERAL

**Water source volume (barrels):** 40000

**Source volume (acre-feet):** 5.155724

**Source volume (gal):** 1680000

**Water source use type:** INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE CASING

**Water source type:** GW WELL

**Describe type:**

**Source latitude:**

**Source longitude:**

**Source datum:**

**Water source permit type:** WATER WELL

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Source land ownership:** FEDERAL

**Water source transport method:** TRUCKING

**Source transportation land ownership:** FEDERAL

**Water source volume (barrels):** 40000

**Source volume (acre-feet):** 5.155724

**Source volume (gal):** 1680000

**Water source and transportation map:**

Outrider\_Fed\_3H\_Road\_04-03-2017.pdf

**Water source comments:** The well will be using a combination of water mud systems as outlined in the Drilling Program. The water will be obtained from a 3rd party vendor and hauled to the location by transport truck using the existing and proposed roads depicted in the attached exhibits. No water well will be drilled on the location. Water for drilling, completion and dust control will be purchased from the following company: Rockhouse Water & Brine Inc. 1108 West Pierce Street, Carlsbad, NM 88220. Water for drilling, completion and dust control will be supplied by RockHouse Water for sale to XTO Energy, Inc from the following two sources per RockHouse Water: 1st Well: 13-T26S-R35E , Well 2: 30-T26S-R36E.

**New water well?** NO

**New Water Well Info**

**Well latitude:**

**Well Longitude:**

**Well datum:**

**Well target aquifer:**

**Est. depth to top of aquifer(ft):**

**Est thickness of aquifer:**

**Aquifer comments:**

**Aquifer documentation:**

**Well depth (ft):**

**Well casing type:**

**Well casing outside diameter (in.):**

**Well casing inside diameter (in.):**

**New water well casing?**

**Used casing source:**

**Drilling method:**

**Drill material:**

**Grout material:**

**Grout depth:**

**Casing length (ft.):**

**Casing top depth (ft.):**

**Well Production type:**

**Completion Method:**

**Water well additional information:**

**State appropriation permit:**

**Additional information attachment:**

**Section 6 - Construction Materials**

**Construction Materials description:** Native caliche. Source 1: BLM Pit - 633-Lea / NE4SW4,SW4SE4,SE4SE4 Sec 2-T24S-R33E, Source 2: Pit 636-Lea / SE4NW4, Sec 7-T24S-R33E.

**Construction Materials source location attachment:**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

## Section 7 - Methods for Handling Waste

**Waste type:** DRILLING

**Waste content description:** Fluid

**Amount of waste:** 500 barrels

**Waste disposal frequency :** One Time Only

**Safe containment description:** f. All trash, junk, and other waste materials will be contained in trash cages or bins 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:** R360 Enviromental Solutions, 4507 W. Carlsbad Hwy, Hobbs, NM 88240, (575) 393-1079.

**Waste type:** DRILLING

**Waste content description:** Cuttings

**Amount of waste:** 2100 pounds

**Waste disposal frequency :** One Time Only

**Safe containment description:** All trash, junk, and other waste materials will be contained in trash cages or bins 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:** R360 Enviromental Solutions,4507 W. Carlsbad Hwy, Hobbs, NM 88240. (575) 393-1079

**Waste type:** SEWAGE

**Waste content description:** Human Waste

**Amount of waste:** 250 gallons

**Waste disposal frequency :** Weekly

**Safe containment description:** All trash, junk, and other waste materials will be contained in trash cages or bins 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

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Disposal type description:**

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

**Waste type:** GARBAGE

**Waste content description:** Garbage, junk and non-flammable waste materials.

**Amount of waste:** 250 pounds

**Waste disposal frequency :** Weekly

**Safe containment description:** All trash, junk, and other waste materials will be contained in trash cages or bins 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 FACILITY

**Disposal type description:**

**Disposal location description:** A licensed 3rd party vendor will be contracted to haul and safely dispose of garbage, junk and non-flammable waste materials.

### Reserve Pit

**Reserve Pit being used?** NO

**Temporary disposal of produced water into reserve pit?**

**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

**Are you storing cuttings on location?** YES

**Description of cuttings location** Cutting. 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?**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**WCuttings area liner**

**Cuttings area liner specifications and installation description**

### Section 8 - Ancillary Facilities

**Are you requesting any Ancillary Facilities?:** NO

**Ancillary Facilities attachment:**

**Comments:**

### Section 9 - Well Site Layout

**Well Site Layout Diagram:**

Outrider\_Fed\_3H\_WellSite\_20171030094011.pdf

**Comments:**

### Section 10 - Plans for Surface Reclamation

**Recontouring attachment:**

Outrider\_Fed\_3H\_Int\_Rec\_20180209103245.pdf

**Drainage/Erosion control construction:** All compacted areas to be seeded will be ripped to a minimum depth of 18 " with a minimum furrow spacing of 2 feet, followed by re-contouring the surface and then evenly spreading the stockpiled topsoil. Prior to seeding, the seedbed will be scarified to a depth of no less than 4-6 inches.

**Drainage/Erosion control reclamation:** Erosion features are equal to or less than surrounding area and erosion control is sufficient so that water naturally infiltrates into the soil and gulling, headcutting, slumping, and deep or excessive rills (greater than 3 inches) are not observed.

**Wellpad long term disturbance (acres):** 0.14329806

**Wellpad short term disturbance (acres):** 3.75

**Access road long term disturbance (acres):** 0.013271604

**Access road short term disturbance (acres):** 0.013271604

**Pipeline long term disturbance (acres):** 0

**Pipeline short term disturbance (acres):** 0

**Other long term disturbance (acres):** 0.27870148

**Other short term disturbance (acres):** 0.27870148

**Total long term disturbance:** 0.43527117

**Total short term disturbance:** 4.041973

**Disturbance Comments:**

**Reconstruction method:** The original stock piled topsoil will be spread over the areas being reclaimed and the original landform will be stored for all disturbed areas including well pads, production facilities, roads, pipelines, and utility corridors as close as possible to the original topography. The location will then be ripped and seeded.

**Topsoil redistribution:** The original stock piled topsoil will be spread over the areas being reclaimed and the original landform will be stored for all disturbed areas including well pads, production facilities, roads, pipelines, and utility corridors as close as possible to the original topography. The location will then be ripped and seeded.

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Soil treatment:** • A self-sustaining, vigorous, diverse, native (or otherwise approved) plant community will be established on the site with a density sufficient to control erosion and invasion by non-native plants and to re-establish wildlife habitat or forage production. At a minimum, the established plant community will consist of species included in the seed mix and/or desirable species occurring in the surrounding natural vegetation.

**Existing Vegetation at the well pad:** a. The area surrounding the well site consists of Pyote soils. This soil is associated with the Loamy Sand ecological site which supports black grama, dropseed and bluestem grassland with an even distribution of sand sage, shinnery oak, and mesquite. The vegetation consists of Mesquite, Broom Snakewood, Soapweed Yucca, Four-wing Saltbrush, Althorn, Dessert Grasses and Forbs. The project is located on a relatively flat landscape with small dunes. The elevation ranges from 3,510' to 3,520' above sea level.

**Existing Vegetation at the well pad attachment:**

**Existing Vegetation Community at the road:** a. The area surrounding the well site consists of Pyote soils. This soil is associated with the Loamy Sand ecological site which supports black grama, dropseed and bluestem grassland with an even distribution of sand sage, shinnery oak, and mesquite. The vegetation consists of Mesquite, Broom Snakewood, Soapweed Yucca, Four-wing Saltbrush, Althorn, Dessert Grasses and Forbs. The project is located on a relatively flat landscape with small dunes. The elevation ranges from 3,510' to 3,520' above sea level.

**Existing Vegetation Community at the road attachment:**

**Existing Vegetation Community at the pipeline:** a. The area surrounding the well site consists of Pyote soils. This soil is associated with the Loamy Sand ecological site which supports black grama, dropseed and bluestem grassland with an even distribution of sand sage, shinnery oak, and mesquite. The vegetation consists of Mesquite, Broom Snakewood, Soapweed Yucca, Four-wing Saltbrush, Althorn, Dessert Grasses and Forbs. The project is located on a relatively flat landscape with small dunes. The elevation ranges from 3,510' to 3,520' above sea level.

**Existing Vegetation Community at the pipeline attachment:**

**Existing Vegetation Community at other disturbances:** a. The area surrounding the well site consists of Pyote soils. This soil is associated with the Loamy Sand ecological site which supports black grama, dropseed and bluestem grassland with an even distribution of sand sage, shinnery oak, and mesquite. The vegetation consists of Mesquite, Broom Snakewood, Soapweed Yucca, Four-wing Saltbrush, Althorn, Dessert Grasses and Forbs. The project is located on a relatively flat landscape with small dunes. The elevation ranges from 3,510' to 3,520' above sea level.

**Existing Vegetation Community at other disturbances attachment:**

**Non native seed used?** NO

**Non native seed description:**

**Seedling transplant description:**

**Will seedlings be transplanted for this project?**

**Seedling transplant description attachment:**

**Will seed be harvested for use in site reclamation?**

**Seed harvest description:**

**Seed harvest description attachment:**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Seed Management**

**Seed Table**

**Seed type:**

**Seed source:**

**Seed name:**

**Source name:**

**Source address:**

**Source phone:**

**Seed cultivar:**

**Seed use location:**

**PLS pounds per acre:**

**Proposed seeding season:**

**Seed Summary**

**Total pounds/Acre:**

Seed Type	Pounds/Acre

**Seed reclamation attachment:**

**Operator Contact/Responsible Official Contact Info**

**First Name:** Jeff

**Last Name:** Raines

**Phone:** (432)620-4349

**Email:** jeffrey\_raines@xtoenergy.com

**Seedbed prep:**

**Seed BMP:**

**Seed method:**

**Existing invasive species?** NO

**Existing invasive species treatment description:**

**Existing invasive species treatment attachment:**

**Weed treatment plan description:** Weed control for all phases will be through the use of the approved pesticides and herbicides according to applicable State, Federal and local laws.

**Weed treatment plan attachment:**

**Monitoring plan description:** Monitoring of invasive and noxious weeds will be visual and as-needed. If it is determined additional methods are required to monitor invasive or noxious weeds, appropriate BLM authorizes will be contacted with a plan of action for approval prior to implementation.

**Monitoring plan attachment:**

**Success standards:** 100% compliance with applicable regulations.

**Pit closure description:** There will be no reserve pit as each well will be drilled utilizing a closed loop mud system. The closed loop system will meet the NMOCD requirements 19.15.17.

**Pit closure attachment:**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**Section 11 - Surface Ownership**

**Disturbance type:** WELL PAD

Describe:	
Surface Owner: BUREAU OF LAND MANAGEMENT	
Other surface owner description:	
BIA Local Office:	
BOZ Local Office:	
COE Local Office:	
DDP Local Office:	
NPS Local Office:	
State Local Office:	
Utility Local Office:	
USFWS Local Office:	
Other Local Office:	

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** OTHER

Describe: Ecotone	
Surface Owner: BUREAU OF LAND MANAGEMENT	
Other surface owner description:	
BIA Local Office:	
BOZ Local Office:	
COE Local Office:	
DDP Local Office:	
NPS Local Office:	
State Local Office:	
Utility Local Office:	
USFWS Local Office:	
Other Local Office:	

**USFS Region:**

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** NEW ACCESS ROAD

Describe Flowline
Surface Owner: BUREAU OF LAND MANAGEMENT
Other surface owner description
EIA Local Office
ROD Local Office
SOE Local Office
ROD Local Office
NFS Local Office
State Local Office
Military Local Office
USFS Local Office
Other Local Office

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** OTHER

Describe Flowline
Surface Owner: BUREAU OF LAND MANAGEMENT
Other surface owner description
EIA Local Office
ROD Local Office
SOE Local Office
ROD Local Office
NFS Local Office
State Local Office
Military Local Office

**Operator Name:** XTO ENERGY INCORPORATED

**Well Name:** OUTRIDER FEDERAL

**Well Number:** 3H

USFS Local Office:

Other Local Office:

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

### Section 12 - Other Information

**Right of Way needed?** YES

**Use APD as ROW?** YES

**ROW Type(s):** 281001 ROW - ROADS,288100 ROW – O&G Pipeline,288101 ROW – O&G Facility Sites,289001 ROW-O&G Well Pad,FLPMA (Powerline)

### ROW Applications

SUPO Additional Information:

**Use a previously conducted onsite?** YES

**Previous Onsite information:** Moved due to new P/L running E&W. V-door E, Topsoil W,Downsize W&N, road into SE corner

### Other SUPO Attachment

Outrider\_Fed\_3H\_Arch\_04-03-2017.pdf



**Section 1 - General**

Would you like to address long-term produced water disposal? NO

**Section 2 - Lined Pits**

Would you like to utilize Lined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit specifications:

Pit liner description:

Pit liner manufacturers information:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule attachment:

Lined pit reclamation description:

Lined pit reclamation attachment:

Leak detection system description:

Leak detection system attachment:

Lined pit Monitor description:

Lined pit Monitor attachment:

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information attachment:

### **Section 3 - Unlined Pits**

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

### **Section 4 - Injection**

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

**Injection well type:**

**Injection well number:**

**Assigned injection well API number?**

**Injection well new surface disturbance (acres):**

**Minerals protection information:**

**Mineral protection attachment:**

**Underground Injection Control (UIC) Permit?**

**UIC Permit attachment:**

**Injection well name:**

**Injection well API number:**

### **Section 5 - Surface Discharge**

**Would you like to utilize Surface Discharge PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Surface discharge PWD discharge volume (bbl/day):**

**Surface Discharge NPDES Permit?**

**Surface Discharge NPDES Permit attachment:**

**Surface Discharge site facilities information:**

**Surface discharge site facilities map:**

### **Section 6 - Other**

**Would you like to utilize Other PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Other PWD discharge volume (bbl/day):**

**Other PWD type description:**

**Other PWD type attachment:**

**Have other regulatory requirements been met?**

**Other regulatory requirements attachment:**



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

**Bond Information**

**Federal/Indian APD:** FED

**BLM Bond number:** UTB000138

**BIA Bond number:**

**Do you have a reclamation bond?** NO

**Is the reclamation bond a rider under the BLM bond?**

**Is the reclamation bond BLM or Forest Service?**

**BLM reclamation bond number:**

**Forest Service reclamation bond number:**

**Forest Service reclamation bond attachment:**

**Reclamation bond number:**

**Reclamation bond amount:**

**Reclamation bond rider amount:**

**Additional reclamation bond information attachment:**



Kendall Chance  
Regulatory Analyst  
XTO Energy Inc.  
500 W. Illinois St Ste 100  
Midland, Texas 79701  
(432) 620-6749  
Kendall\_chance@xtoenergy.com

March 13, 2017

Bureau of Land Management  
Carlsbad Field Office  
620 E. Greene Street  
Carlsbad, NM 88220

RE: Operating Agreement/Rights for Outrider Federal #3H

To Whom It May Concern:

This is to hereby certify that XTO Energy, Inc. is has operating rights over leases: NMNM 016353 and NMNM 029694 through acreage trades and acquisitions.

Sincerely,

A handwritten signature in cursive script that reads "Kendall Chance".

Kendall Chance  
Regulatory Analyst  
XTO Energy, Inc