

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: (505) 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

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources
HOBBS OCD
Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis
JUL 01 2019

Santa Fe, NM 87505

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO Energy, Inc. 6401 HOLIDAY HILL ROAD, MIDLAND TX 79707		⁴ OGRID Number 005380
³ API Number 30-025-46180	⁶ Well No. 406H	
⁴ Property Code 39241	⁵ Property Name Mis Amigos State	

7. Surface Location

UL - Lot O	Section 31	Township 23S	Range 33E	Lot Idn	Feet from 742	N/S Line SOUTH	Feet From 2,121	E/W Line EAST	County LEA
---------------	---------------	-----------------	--------------	---------	------------------	-------------------	--------------------	------------------	---------------

8. Proposed Bottom Hole Location

UL - Lot B	Section 31	Township 23S	Range 33E	Lot Idn	Feet from 50	N/S Line NORTH	Feet From 1,650	E/W Line EAST	County LEA
---------------	---------------	-----------------	--------------	---------	-----------------	-------------------	--------------------	------------------	---------------

9. Pool Information

⁹ Pool Name TRIPLE X BONE SPRING, WEST	¹⁰ Pool Code 96674
--	----------------------------------

Additional Well Information

¹¹ Work Type N	¹² Well Type OIL	¹³ Cable/Rotary R	¹⁴ Lease Type STATE	¹⁵ Ground Level Elevation 3,657'
¹⁶ Multiple	¹⁷ Proposed Depth 15601'	¹⁸ Formation BONE SPRING	¹⁹ Contractor	²⁰ Spud Date 01/01/20
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1250'	1032	0'
Int1	12.25	9.625	40	5039'	1264	1000'
Prod	8.75	5.5	17	15601'	2187	0'

Casing/Cement Program: Additional Comments

Prod: 8-3/4" hole fr/0-10469'. 8-1/2" hole fr/10469'-15601'. 5-1/2" P-110 csg will be run fr/0-15601'. DV tool may be set in 9-5/8" fr/1300' - 5000'. If cmt is not circulated to surf on 5.5 csg, it will be brought at least 500' into interm shoe.

Type	Working Pressure	Test Pressure	Manufacturer
DOUBLE RAM	5000	5000	CAMERON

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: <i>Kelly Kardos</i>		OIL CONSERVATION DIVISION	
Printed name: Kelly Kardos		Approved By: <i>[Signature]</i>	
Title: Regulatory Coordinator		Title: <i>Petroleum Engineer</i>	
E-mail Address: kelly_kardos@xtoenergy.com		Approved Date: 07/02/19 Expiration Date: 07/02/21	
Date: 6/28/19	Phone: 432-620-4374	Conditions of Approval Attached	

**See Attached
Conditions of Approval**

9-2.
Post mark
6/28/19
BC

BCP Rec 07/01/19

CONDITIONS OF APPROVAL

XTO ENERGY INC

MISS AMIGOS STATE # 406H

- 1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface --
- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
- 3) If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
- 4) Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
- 5) Will require a directional survey with the C-104
- 6) The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being
- 7) Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days
- 8) Completion Reports & Logs are to be submitted within 45 days
- 9) Deviation / Directional Drill Survey are to be filed with or prior to C-104
- 10) It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
- 11) When using Stage Tools
 - a) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186
 - b) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe.
 - c) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.