

**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

Form C-101  
Revised July 18, 2013

Energy Minerals and Natural Resources  
**HOBBS OCD**  
Oil Conservation Division

AMENDED REPORT

1220 South St. Francis **01** 2019  
Santa Fe, NM 87505

**RECEIVED**

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

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

**7. Surface Location**

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

**8. Proposed Bottom Hole Location**

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

**9. Pool Information**

<sup>9</sup> Pool Name TRIPLE X BONE SPRING, WEST	<sup>10</sup> Pool Code 96674
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type OIL	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type STATE	<sup>15</sup> Ground Level Elevation 3,657'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 15601'	<sup>18</sup> Formation BONE SPRING	<sup>19</sup> Contractor	<sup>20</sup> 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

<sup>23</sup> 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> Printed name: Kelly Kardos Title: Regulatory Coordinator E-mail Address: kelly_kardos@xtoenergy.com Date: 6/28/19 Phone: 432-620-4374	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: <i>Petroleum Engineer</i>	
	Approved Date: 07/02/19	Expiration Date: 07/02/21
	Conditions of Approval Attached	

*Post mark 6/28/19 BC*

*BCP Rec 07/01/19*

**See Attached  
Conditions of Approval**

## 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.