

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 and Natural Resources **HOBBS OCD**
Oil Conservation Division **JUL 01 2019** AMENDED REPORT
1220 South St. Francis Dr.
Santa Fe, NM 87505 **RECEIVED**

Form C-101
Revised July 18, 2013

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		2. OGRID Number 005380
		3. API Number <i>70-025-46177</i>
4. Property Code <i>79241</i>	5. Property Name MIS AMIGOS STATE	6. Well No. 105H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	31	23S	33E		395	SOUTH	2,359	WEST	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	2,310	EAST	LEA

9. Pool Information

Pool Name WILDCAT WOLECAMP <i>WC-025 G-09 5243310P; UPR WC</i>	Pool Code <i>9813</i>
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Additional Well Information

11. Work Type N	12. Well Type OIL	13. Cable/Rotary R	14. Lease Type STATE	15. Ground Level Elevation 3,653'
16. Multiple	17. Proposed Depth 18005	18. Formation WOLFCAMP	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	18005'	2478	0'

Casing/Cement Program: Additional Comments

Prod: 8-3/4" hole fr/0-12873'. 8-1/2" hole fr/12873'-18005'. 5-1/2" P-110 csg will be run fr/0-18005'. 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

<p>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> Printed name: Kelly Kardos Title: Regulatory Coordinator E-mail Address: kelly_kardos@xtoenergy.com Date: 6/28/19 Phone: 432-620-4374</p>	<p style="text-align: center;">OIL CONSERVATION DIVISION</p> <p>Approved By: <i>[Signature]</i> Title: Petroleum Engineer Approved Date: <i>07/02/19</i> Expiration Date: <i>02/02/24</i> Conditions of Approval Attached</p>
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**See Attached
Conditions of Approval**

*S.C.
Postmark
6/28/19
BC*

GCP Rec 07/01/19

CONDITIONS OF APPROVAL

XTO ENERGY INC

MISS AMIGOS STATE # 105H

- 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.