

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) 476-3460 Fax (505) 476-3462

State of New Mexico
NM OIL CONSERVATION
Energy, Minerals & Natural Resources DISTRICT
Oil Conservation Division JUL 28 2017
1220 S. St. Francis Dr.
Santa Fe, NM 87505 **RECEIVED**

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

¹ Operator Name and Address XTO ENERGY INC 500 W. ILLINOIS, STE. 100, MIDLAND, TX 79701		² OGRID Number 005380
		³ API Number 30-015-44344
⁴ Property Code 318423	⁵ Property Name REUMDA NORTH 31 STATE	⁶ Well No. 904H

7 Surface Location

UL- lot	Section	Township	Range	Lot.Idn	Feet from	N/S Line	Feet from	E/W Line	County
K	31	23S	30E		2310	SOUTH	1980	WEST	EDDY

8 Proposed Bottom Hole Location

UL- lot	Section	Township	Range	Lot.Idn	Feet from	N/S Line	Feet from	E/W Line	County
C	19	23S	30E		200	NORTH	2310	WEST	EDDY

9 Pool Information

Pool Name	Pool Code
NASH DRAW; DELAWARE/BS (AVALON SAND)	47545

Additional Well Information

¹¹ Work Type	¹² Well Type	¹³ Cable/Rotary	¹⁴ Lease Type	¹⁵ Ground Level Elevation
NEW WELL	OIL		STATE	3208'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
N	24,326'	BONE SPRING		
Depth to Groundwater		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	550	475	0
INT1	12.25	9.625	36	3450	828	0
PROD	8.75	5.5	17	24,326	2963	0

Casing/Cement Program: Additional Comments

Prod: 8-3/4" hole fr/0-10833. 8-1/2" hole fr/10833-24,326'. 5-1/2" P-110 csg run from 0-24,326'

22 Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Maintenance
DOUBLE RAM	3000	3000	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>Jessica R. Bonilla</i> Printed name: Jessica R. Bonilla Title: Regulatory Analyst E-mail Address: jessica_bonilla@xtoenergy.com Date: 07/24/2017 Phone: 432-620-6704		OIL CONSERVATION DIVISION Approved by: <i>Raymond W. Godang</i> Title: Geologist Approval Date: 7-31-17 Expiration Date: 7-31-19 Conditions of Approval Attached	
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NM OIL CONSERVATION
ARTESIA DISTRICT

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State of New Mexico **JUL 28 2017**
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 30-015-44344		² Pool Code 47545		³ Pool Name Nash Draw; Delaware / BS (Avalon Sand)	
⁴ Property Code 318423		⁵ Property Name REMUDA NORTH 31 STATE			⁶ Well Number 904H
⁷ GRID NO. 005380		⁸ Operator Name XTO ENERGY, INC.			⁹ Elevation 3208'

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
K	31	23S	30E		2310	SOUTH	1980	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
C	19	23S	30E		200	NORTH	2310	WEST	EDDY

¹² Dedicated Acres 400	¹³ Joint or Infill HAD	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

	<p>GEODETIC DATA NAD 27 GRID - NM EAST</p> <p>BOTTOM HOLE N: 472031.0 - E: 627195.8 LAT: 32.2970587° N LONG: 103.9218862° W</p> <p>LAST TAKE POINT N: 471901.1 - E: 627196.7 LAT: 32.2967014° N LONG: 103.9218847° W</p> <p>CORNER DATA NAD 27 GRID - NM EAST</p> <p>A: CALCULATED CORNER N: 458958.7 - E: 626319.7 B: CALCULATED CORNER N: 461615.5 - E: 626302.5 C: CALCULATED CORNER N: 466922.8 - E: 626269.6 D: CALCULATED CORNER N: 472229.0 - E: 626232.2 E: FOUND BRASS CAP "1916" N: 472231.8 - E: 627570.3 F: FOUND BRASS CAP "1942" N: 466926.0 - E: 627608.5 G: FOUND BRASS CAP "1942" N: 461620.4 - E: 627639.1 H: CALCULATED CORNER N: 458963.9 - E: 627657.8</p> <p>GEODETIC DATA NAD 27 GRID - NM EAST</p> <p>FIRST TAKE POINT N: 459291.9 - E: 627268.5 LAT: 32.2620393° N LONG: 103.9216091° W</p> <p>SURFACE LOCATION N: 458615.0 - E: 626941.6 LAT: 32.2601821° N LONG: 103.9226751° W</p>	<p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>BOTTOM HOLE N: 472090.6 - E: 668379.0 LAT: 32.2971810° N LONG: 103.9221762° W</p> <p>LAST TAKE POINT N: 471960.6 - E: 668379.9 LAT: 32.2968237° N LONG: 103.9221748° W</p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: CALCULATED CORNER N: 459018.0 - E: 667503.3 B: CALCULATED CORNER N: 461674.8 - E: 667485.9 C: CALCULATED CORNER N: 466982.2 - E: 667452.9 D: CALCULATED CORNER N: 472288.5 - E: 667415.4 E: FOUND BRASS CAP "1916" N: 472291.3 - E: 668753.5 F: FOUND BRASS CAP "1942" N: 466985.5 - E: 668791.9 G: FOUND BRASS CAP "1942" N: 461679.6 - E: 668822.5 H: CALCULATED CORNER N: 459023.1 - E: 668841.3</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>FIRST TAKE POINT N: 459351.1 - E: 668452.0 LAT: 32.2621618° N LONG: 103.9220979° W</p> <p>SURFACE LOCATION N: 458674.3 - E: 668125.1 LAT: 32.2603047° N LONG: 103.9231637° W</p>	<p>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.</p> <p align="right"><i>Jessica Bonilla</i> 7/24/2017 Signature Date Jessica R. Bonilla Printed Name jessica_bonilla@xtoenergy.com E-mail Address</p>
	<p>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.</p> <p align="center">4-22-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>		
	<p align="center">19680 Certificate Number</p>		

RRC-Job No.: LS1704246