

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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 270060

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

1. Operator Name and Address XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707		2. OGRID Number 373075
4. Property Code 326039		3. API Number 30-015-46226
5. Property Name BIG EDDY UNIT TRUE GRIT STATE		6. Well No. 110H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	32	21S	29E		215	N	350	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	32	21S	29E	1	50	S	350	W	Eddy

9. Pool Information

WC 015 G08 S212932M UPPER WOLFCAMP	98324
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3292
16. Multiple N	17. Proposed Depth 15018	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/1/2019
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	475	456	0
Int1	12.25	9.625	40	8900	3120	0
Prod	8.75	5.5	17	15018	1955	8400

Casing/Cement Program: Additional Comments

Prod: 8-3/4": 0-10431'. 8-1/2": 10431-15018'. DV tool may be set in 9-5/8" fr/500-5000'. If cmt is not circulated to surface on 5-1/2" csg, it will be brought at least 500' into intermediate csg shoe. • XTO Requests option to use OBM in intermediate hole section. • Should losses be seen from 9-5/8" shoe to landing point, 4-string contingency may be utilized (see attached). • XTO requests variance to have the option to batch drill this well. XTO will set Intermediate csg, ensure cement is circulated to surface and well is dead. With floats holding, and no flow on annulus, a TA cap will be installed as per GE recommendations. XTO will contact the state before skidding to the other well. Once all surface and intermediate are completed on the pad, XTO will begin drilling the production hole of each well. • OBM may be used in production hole. • 8.5" lateral may be drilled if no issues in 8.75" hole.

22. Proposed Blowout Prevention Program

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 I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Tracie J Cherry	Approved By: Raymond Podany
Title: Regulatory Analyst	Title: Geologist
Email Address: Tracie_Cherry@xtoenergy.com	Approved Date: 8/15/2019 Expiration Date: 8/15/2021
Date: 7/22/2019 Phone: 432-683-2277	Conditions of Approval Attached

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Form C-102

August 1, 2011

Permit 270060

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-46226	2. Pool Code 98324	3. Pool Name WC 015 G08 S212932M UPPER WOLFCAMP
4. Property Code 326039	5. Property Name BIG EDDY UNIT TRUE GRIT STATE	6. Well No. 110H
7. OGRID No. 373075	8. Operator Name XTO PERMIAN OPERATING LLC.	9. Elevation 3292

10. Surface Location

UL - Lot D	Section 32	Township 21S	Range 29E	Lot Idn	Feet From 215	N/S Line N	Feet From 350	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 32	Township 21S	Range 29E	Lot Idn 1	Feet From 50	N/S Line S	Feet From 350	E/W Line W	County Eddy
12. Dedicated Acres 152.58	13. Joint or Infill			14. Consolidation Code			15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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(s) 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.

E-Signed By: Tracie J Cherry
Title: Regulatory Analyst
Date: 7/22/2019

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.

Surveyed By: MARK HARP
Date of Survey: 2/1/2019
Certificate Number: 23786

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Form APD Comments

Permit 270060

PERMIT COMMENTS

Operator Name and Address:		API Number:
XTO PERMIAN OPERATING LLC. [373075]		30-015-46226
6401 HOLIDAY HILL ROAD		Well:
MIDLAND, TX 79707		BIG EDDY UNIT TRUE GRIT STATE #110H

Created By	Comment	Comment Date
kkardos	C102, C102 Sup, Gas Gapture Plan, Directional Survey & 4 String Contingency Design will be emailed to NMOCD.	7/19/2019

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Form APD Conditions

Permit 270060

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: XTO PERMIAN OPERATING LLC. [373075] 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707		API Number: 30-015-46226
		Well: BIG EDDY UNIT TRUE GRIT STATE #110H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	