

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 270058

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 326037		3. API Number 30-015-46224
5. Property Name BIG EDDY UNIT RIO BRAVO STATE		6. Well No. 107H

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	410	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	410	W	Eddy

9. Pool Information

U.S.; BONE SPRING	97077
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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 13644	18. Formation Bone Spring	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	2800	1027	0
Prod	8.75	5.5	17	13644	1961	2300

Casing/Cement Program: Additional Comments

Prod: 8-3/4": 0-9057'. 8-1/2" 9057-13644'. DV tool may be set in 9-5/8" fr/500-2500'. 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: _____ Printed Name: Electronically filed by Tracie J Cherry Title: Regulatory Analyst Email Address: Tracie_Cherry@xtoenergy.com Date: 7/22/2019	OIL CONSERVATION DIVISION Approved By: Raymond Podany Title: Geologist Approved Date: 8/15/2019 Expiration Date: 8/15/2021 Conditions of Approval Attached
Phone: 432-683-2277	

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	OPERATOR CERTIFICATION <i>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.</i> E-Signed By: Tracie J Cherry Title: Regulatory Analyst Date: 7/22/2019
	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: MARK HARP Date of Survey: 2/1/2019 Certificate Number: 23786

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Form APD Comments

Permit 270058

PERMIT COMMENTS

Operator Name and Address: XTO PERMIAN OPERATING LLC. [373075] 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707		API Number: 30-015-46224
		Well: BIG EDDY UNIT RIO BRAVO STATE #107H

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

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Form APD Conditions

Permit 270058

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
XTO PERMIAN OPERATING LLC. [373075]		30-015-46224
6401 HOLIDAY HILL ROAD		Well:
MIDLAND, TX 79707		BIG EDDY UNIT RIO BRAVO STATE #107H
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	