

District I
1635 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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

Operator Name and Address XTO Permian Operating, LLC 6401 Holiday Hill Road Midland, Texas 79707		OGRID Number 373075
Property Code 326 327	Property Name James Ranch Unit 6 Torino, P20 SWD	API Number 30-015-46432
		Well No. 001

2. Surface Location

U/L - Lot K	Section 6	Township 23S	Range 31E	Lot Idn	Feet from 2211	N/S Line South	Feet From 1402	E/W Line West	County Eddy
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*** Proposed Bottom Hole Location**

U/L - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

Pool Name SWD; Devonian	Pool Code 96101
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Additional Well Information

Work Type N	Well Type S	Cable/Rotary C	Lease Type S	Ground Level Elevation 3302
Multiple N	Proposed Depth 16980	Formation Devonian	Contractor	Spud Date 03/02/2020
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	24"	18-5/8"	J-55 87.5# BTC	420'	905	0'
Int	17-1/2"	13-3/8"	HCL-80 68# BTC	3812'	3485	0'
Prod	12-1/4"	9-5/8"	P-110 53.5# BTC	11660'	3760'	0'

Casing/Cement Program: Additional Comments

Liner: 8-1/2" Hole, 7" P-110 32# BTC Liner fr: 11200'-15610'. Cmt: 650sx w/Top @ 11200'. OH: 15610'-16980'.

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 that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: <u>Stephanie Rabadue</u>		OIL CONSERVATION DIVISION	
Printed name: Stephanie Rabadue Title: Lead Permitting E-mail Address: stephanie_rabadue@xtoenergy.com Date: 10/04/2019		Approved By: <u>Raymond W. Polansky</u> Title: <u>Geologist</u> Approved Date: <u>11-6-19</u> Expiration Date: <u>11-6-21</u> Conditions of Approval Attached <u>Approved C-108</u>	
Phone: 432-620-6714			

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State of New Mexico
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 30-015-46432		2 Pool Code 96101		3 Pool Name SWD; Devonian	
4 Property Code 326321		5 Property Name James Ranch Unit Le Torino Fee SWD			6 Well Number 1
7 OGRID No. 373075		8 Operator Name XTO Permian Operating, LLC			9 Elevation 3,302'
10 Surface Location					
UL or lot no. K	Section 6	Township 23 S	Range 31 E	Lot Idn 2,211	Feet from the 1,402
			North/South line SOUTH	East/West line WEST	County 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		
12 Dedicated Acres 0		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.

16		17 OPERATOR CERTIFICATION	
T-22-S R-30-E SEC. 36		T-22-S R-31-E SEC. 31	
T-23-S R-30-E SEC. 1		T-23-S R-31-E SEC. 6	
LOT 4 40.45 AC. LOT 3 39.90 AC. LOT 2 39.94 AC. LOT 1 39.98 AC. LOT 5 40.79 AC. LOT 6 40.96 AC. LOT 7 41.15 AC. 1,402' S.H.L. 2,211'		SEC. 31 SEC. 5	
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 484,952.0 X= 658,374.3 LAT.= 32.332207°N LONG.= 103.820586°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 485,380.1 N, X= 656,970.1 E B - Y= 485,387.5 N, X= 659,638.0 E C - Y= 482,736.3 N, X= 656,981.1 E D - Y= 482,746.2 N, X= 659,659.4 E		GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 485,011.8 X= 699,556.7 LAT.= 32.332329°N LONG.= 103.821076°W CORNER COORDINATES TABLE NAD 83 NME A - Y= 485,439.9 N, X= 698,152.5 E B - Y= 485,447.3 N, X= 700,820.4 E C - Y= 482,796.1 N, X= 698,163.6 E D - Y= 482,806.0 N, X= 700,841.9 E	
		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. 5-13-2019 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2018112620	

James Ranch Unit 6 Torino SWD #1

Proposed SWD Schematic (June 16, 2019)

County: Eddy
SHL: 2211' FSL, 1402' FWL
Sec 6, T 23S, R 31E

BHL: 2211' FSL, 1402' FWL
Sec 6, T 23S, R 31E



AFE # N/A
XTO ID # N/A
API # N/A
Elevation GL 3303', KB 3333' (30' AGL)
Rtg: TBD (RKB 30')

Geology	Casing & Cement	Wellhead	Hole Size	General Notes
TVD Formation		(Tech Data Sheet)		
258' Rustler	<u>Tail (100% OH excess)</u> 905 sx 14.8ppg Class C Top of Tail @ 0'	420' MD	24"	
563' Top Salt	<u>Lead (150% OH excess)</u> 2580 sx 12.8ppg Poz/C Top of Lead @ 0'		17-1/2"	
3,693' Base Salt	<u>Tail (100% OH excess)</u> 905 sx 14.8ppg Class C Top of Tail @ 3000'	3812' MD		
3,931' Delaware	<u>Stg 2 Lead (200% OH excess)</u> 1150 sx 11.5ppg Poz/H Top of Lead @ 0'		12-1/4"	
7,753' Bone Spring	<u>Stg 2 Tail (75% OH excess)</u> 430 sx 14.8ppg Poz/H Top of Tail @ 3000'		5-1/2" 17# P-110 tubing 0 - 10,700'	
11,063' Wolfcamp	<u>Stg 1 Lead (100% OH excess)</u> 1825 sx 11.5ppg Poz/H Top of Lead @ 3912'	11200' MD	Crossover @ 10,700'	
11,513' Wolfcamp B	<u>Stg 1 Tail (100% OH excess)</u> 555 sx 14.8ppg Poz/H Top of Tail @ 10660'	11660' MD	4-1/2" 13.5# P-110 tubing 10,700' - 15,510'	
12,628' Strawn 13,058' Atoka 13,483' Morrow	<u>Tail (40% OH excess)</u> 650 sx 14.5ppg Poz/H Top of Tail @ 11200'		8-1/2"	
14,983' Mississippian Lm 15,403' Woodford 15,593' Devonian	7" 32# P-110 BTC	15610' MD	5Baker Hughes Series F Permanent Pkr 15,510'	
16,980' TVD at BHL	Open hole completion	16,980' MD	6"	
17,003' Montoya		16,980' TVD		
Approvals				
Prepared by: _____		Peer Reviewed by: _____ Date _____		
Reviewed by: _____		Approved by: _____		

RWD 11-6-19