

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 & 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 30-015-45691	² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code 325559	⁵ Property Name JRUI 36 RAMBLER SWD	
⁷ OGRID No. 373075	⁸ Operator Name XTO Permian Operating LLC	⁶ Well Number 1
		⁹ Elevation 3,322'

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
F	36	22 S	30 E		1,752	NORTH	2,595	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

¹² Dedicated Acres 0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 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. Signature: <i>Tracie J Cherry</i> Date: 08/11/20 Printed Name: Tracie J Cherry E-mail Address: tracie_cherry@xtoenergy.com
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. 1-3-2019 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number		

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 491,732.5
X= 654,189.9
LAT.= 32.350900°N
LONG.= 103.834030°W

CORNER COORDINATES TABLE
NAD 27 NME

A - Y= 490,836.8 N, X= 651,597.7 E
B - Y= 493,476.6 N, X= 651,590.9 E
C - Y= 493,484.9 N, X= 654,262.9 E
D - Y= 490,844.4 N, X= 654,271.6 E

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 491,792.5
X= 695,372.1
LAT.= 32.351022°N
LONG.= 103.834521°W

CORNER COORDINATES TABLE
NAD 83 NME

A - Y= 490,896.8 N, X= 692,779.9 E
B - Y= 493,536.7 N, X= 692,773.0 E
C - Y= 493,545.0 N, X= 695,445.0 E
D - Y= 490,904.4 N, X= 695,453.8 E



Tracie J Cherry
Regulatory Lead
XTO Energy Inc.
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707
(432) 221-7379

August 11, 2020

Via Email OCD.Engineer@state.nm.us

Oil Conservation Division
Attn: Mr. Phillip Goetze
1220 S. St. Francis
Santa Fe, NM 87505

RE: Administrative Order SWD-1889
Eddy County, New Mexico

Dear Interest Owner:

Pursuant to the conditions of approval given in the referenced Administrative Order, XTO Permian Operating LLC submits the attached mudlog and letter dated August 10, 2020 from Matthew Kearney, P.G., XTO Energy. All electric logs (including the required CBL) have been submitted in .tiff format through the NMOCDs EDocs portal.

If any additional information is needed, please contact me at the number shown or via email at tracie_cherry@xtoenergy.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tracie J Cherry'.

Tracie J Cherry
Regulatory Coordinator

Enclosure

August 10, 2020

New Mexico, Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Final Description for the Injection Interval

Administrative Order SWD-1889
XTO Permian Operating, LLC
JRU 36 Rambler State SWD Well No. 1
API No. 30-015-45691
Section 36, Township 22 South, Range 30 East
Eddy County, New Mexico

To whom it may concern:

XTO Permian Operating, LLC, has examined the mud log, geophysical, and wireline log information from the JRU 36 Rambler State SWD Well No. 1, and believes that only the Devonian to Silurian formations are open for disposal. The open-hole injection interval in this well is from 15,485 feet to 16,510 feet.

Based on the above mentioned logs the top of the Devonian Formation is 15,456 feet, the top of the Silurian Fusselman Formation is 16,130 feet and the top of the Montoya Limestone was not encountered in this well. A gas pocket was encountered at the top of the Devonian that dissipated while drilling the injection interval. The gas was circulated out of the well with no additional gas shows by total depth, and the amount of gas was not of economic quantity.

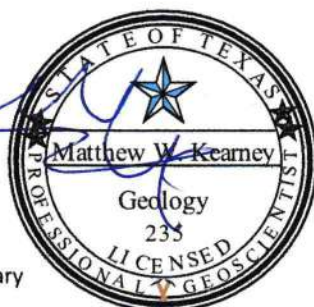
Respectively Submitted,




Matthew W. Kearney, P.G., C.P.G.

Geoscientist

XTO Energy Inc., an ExxonMobil subsidiary
22777 Springwoods Village Parkway
Spring, Texas 77389



Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name James Ranch Unit 36 Rambler State 6. Well Number: SWD 001		
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator XTO Permian Operating LLC						9. OGRID 373075				
10. Address of Operator 6401 Holiday Hill Rd, Bldg 5, Midland, TX 79707						11. Pool name or Wildcat SWD; Devonian-Silurian				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	36	22S	30E		1752	N	2595	W	Eddy
BH:										
13. Date Spudded 11/21/19	14. Date T.D. Reached 12/05/19	15. Date Rig Released 01/28/20		16. Date Completed (Ready to Produce) 05/01/20			17. Elevations (DF and RKB, RT, GR, etc.) 3322 GL			
18. Total Measured Depth of Well 15,495'		19. Plug Back Measured Depth N/A		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run RCBL, Triple combo			
22. Producing Interval(s), of this completion - Top, Bottom, Name 15,485' - 16,510' Devonian										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
18-5/8 J55		87.5#		471		24		1690 sx C		
13-3/8" HCL80		68#		3723		17-1/2"		4127 sx C		
9-5/8" HCP110		53.5#		11513 / DV @ 3796		12-1/4"		1795 sx C/540 sx H		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
7" P110	11079	15485	1090 sx H		5.5"	10,550'				
					4.5"	115,400'	45,400'			
26. Perforation record (interval, size, and number) 15485-16510 (Open hole)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					15485-16510		Acidize w/20,000 gal 20% HCL			
28. PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod. or Shut-in</i>)			
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) N/A								30. Test Witnessed By		
31. List Attachments C-104, directional survey, logs, C-102										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 				Printed Name Tracie J Cherry		Title Regulatory Coordinator			Date 08/11/20	
E-mail Address tracie_cherry@xtoenergy.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy (Rustler) 294	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 710	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3595	T. Atoka Bank 13,038	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian 15,456	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand (Bell Cyn) 3879	T. Morrison	
T. Drinkard	T. Bone Springs 7661	T. Todilto	
T. Abo	T. Morrow 13,701	T. Entrada	
T. Wolfcamp 10,954	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
294			Anhydrite				
710			Salt				
3595			Anhydrite/Salt				
3879			Sandstone				
7661			Limestone				
10954			Shale				
13038			Limestone/Sandstone				
13701			Sandstone				
15456			Dolomite				

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

ACKNOWLEDGMENTS

Action 30057

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 30057
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 30057

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 30057
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	C-104 not required for disposal well; accepted for record only.	7/30/2021