

RECEIVED

Form C-101  
Revised July 18, 2013

**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 and Natural Resources** **SEP 12 2018**  
**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

☐ AMENDED REPORT  
**DISTRICT II-ARTESIA O.C.D.**

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

<sup>1</sup> Operator Name and Address <b>XTO Energy Inc.</b> <b>6401 Holiday Hill Rd, Bldg 5, Midland, TX 79707</b>		<sup>2</sup> OGRID Number <b>005380</b>
<sup>3</sup> Property Ccd <b>322443</b>		<sup>4</sup> API Number <b>30-015-45238</b>
<sup>5</sup> Property Name <b>CORRAL CANYON II STATE SWD</b>		<sup>6</sup> Well No. <b>1</b>

<sup>7</sup> Surface Location	UL - Lot <b>E</b>	Section <b>11</b>	Township <b>25S</b>	Range <b>29E</b>	Lot Idn	Feet from <b>1430</b>	N/S Line <b>NORTH</b>	Feet From <b>730</b>	E/W Line <b>WEST</b>	County <b>Eddy</b>
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<sup>8</sup> Proposed Bottom Hole Location										
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	

<sup>9</sup> Pool Information	
Pool Name <b>SWD; Devonian</b>	Pool Code <b>96101</b>

<b>Additional Well Information</b>				
<sup>11</sup> Work Type <b>NW</b>	<sup>12</sup> Well Type <b>S</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type <b>STATE</b>	<sup>15</sup> Ground Level Elevation <b>3,057'</b>
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth <b>16,530'</b>	<sup>18</sup> Formation <b>DEVONIAN</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>ASAP</b>
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

<sup>21</sup> Proposed Casing and Cement Program						
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	24	18.625	J-55 87.5# BTC	790'	1340	0'
Inter	17.5	13.375	HCL-80 68# BTC	3,090'	2590	0'
Prod	12.25	9.625	P-110 53.5# BTC	10,770'	2230	2,490'

<b>Casing/Cement Program: Additional Comments</b>
<b>Prod Liner: 8.5" hole, 7" P-110 32# BTC csg @ 10,400'-15,380' w/735sx cmt. TOC @ 10,400'. Prod hole: 6" 15,380'-16,530'</b>

<sup>22</sup> Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
<b>Cameron Double Ram</b>	<b>10,000psi</b>	<b>5,000psi</b>	

<sup>23</sup> 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>Kelly Kardos</i> Printed name: <b>Kelly Kardos</b> Title: <b>Regulatory Coordinator</b> E-mail Address: <b>kelly_kardos@xtoenergy.com</b> Date: <b>09-11-18</b> Phone: <b>432-620-4374</b>		<b>OIL CONSERVATION DIVISION</b>	
Approved By: <i>Raymond W. Rodary</i> Title: <i>Geologist</i>		Approved Date: <b>9-14-18</b> Expiration Date: <b>9-14-20</b>	
Conditions of Approval Attached <b>APPROVED C108</b>			

*Added 9-17-18 RWR  
- BHL in Completion*

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State of New Mexico  
Energy, Minerals & Natural Resources Department

SEP 12 2018

Form C-102

Revised August 1, 2011

## OIL CONSERVATION DIVISION

DISTRICT II-ARTESIA O.C.D.

Submit one copy to appropriate

District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-45238</b>	<sup>2</sup> Pool Code <b>96101</b>	<sup>3</sup> Pool Name <b>SWD; DEVONIAN</b>
<sup>4</sup> Property Code <b>322443</b>	<sup>5</sup> Property Name <b>CORRAL CANYON II STATE SWD</b>	
<sup>7</sup> OGRID No. <b>005380</b>	<sup>8</sup> Operator Name <b>XTO ENERGY, INC.</b>	<sup>6</sup> Well Number <b>1</b>
		<sup>9</sup> Elevation <b>3,057'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	11	25 S	29 E		1,430	NORTH	730	WEST	EDDY

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<p><b>16</b></p> <p><b>SEC. 11</b> <b>T-25-S</b> <b>R-29-E</b></p> <p>1430' 730' SHL</p> <p><b>GEODETIC COORDINATES</b> NAD 27 NME SURFACE LOCATION Y= 417,730.8 X= 615,267.7 LAT.= 32.147911°N LONG.= 103.960898°W</p> <p><b>CORNER COORDINATES TABLE</b> NAD 27 NME</p> <table border="1"> <tr><td>A</td><td>- Y= 419,159.1 N, X= 614,533.5 E</td></tr> <tr><td>B</td><td>- Y= 419,165.0 N, X= 617,183.8 E</td></tr> <tr><td>C</td><td>- Y= 416,508.7 N, X= 617,198.1 E</td></tr> <tr><td>D</td><td>- Y= 416,503.2 N, X= 614,541.2 E</td></tr> </table> <p><b>GEODETIC COORDINATES</b> NAD 83 NME SURFACE LOCATION Y= 417,789.2 X= 656,452.0 LAT.= 32.148034°N LONG.= 103.961384°W</p> <p><b>CORNER COORDINATES TABLE</b> NAD 83 NME</p> <table border="1"> <tr><td>A</td><td>- Y= 419,217.6 N, X= 655,717.8 E</td></tr> <tr><td>B</td><td>- Y= 419,223.5 N, X= 658,368.1 E</td></tr> <tr><td>C</td><td>- Y= 416,567.1 N, X= 658,382.5 E</td></tr> <tr><td>D</td><td>- Y= 416,561.6 N, X= 655,725.5 E</td></tr> </table>	A	- Y= 419,159.1 N, X= 614,533.5 E	B	- Y= 419,165.0 N, X= 617,183.8 E	C	- Y= 416,508.7 N, X= 617,198.1 E	D	- Y= 416,503.2 N, X= 614,541.2 E	A	- Y= 419,217.6 N, X= 655,717.8 E	B	- Y= 419,223.5 N, X= 658,368.1 E	C	- Y= 416,567.1 N, X= 658,382.5 E	D	- Y= 416,561.6 N, X= 655,725.5 E	<p><b>17 OPERATOR CERTIFICATION</b> 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><i>Kelly Kardos</i> 09/11/18 Signature Date</p> <p>Kelly Kardos Printed Name</p> <p>kelly_kardos@xtoenergy.com E-mail Address</p> <p><b>18 SURVEYOR CERTIFICATION</b> 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>06-15-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>MARK DILLON HARP 23786 Certificate Number</p> <p><b>MARK DILLON HARP</b> <b>NEW MEXICO</b> <b>23786</b> <b>PROFESSIONAL SURVEYOR</b></p> <p>RR 2018061483</p>
A	- Y= 419,159.1 N, X= 614,533.5 E																
B	- Y= 419,165.0 N, X= 617,183.8 E																
C	- Y= 416,508.7 N, X= 617,198.1 E																
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RuP 9-14-18

# Corral Canyon 11 State SWD #1

Proposed SWD Schematic (Sept 10, 2018)

County: Eddy  
SHL: 1430' FNL, 730' FWL  
Sec 11, T 25S, R 29E

BHL: 1430' FNL, 730' FWL  
Sec 11, T 25S, R 29E



AFE # 1803217  
XTO ID # N/A  
API # N/A  
Elevation GL 3057', KB 3087' (30' AGL)  
Rig: TBD (RKB 30')

Geology	Casing & Cement	Wellhead	Hole Size	General Notes
(Tech Data Sheet)				
TVD Formation				
636' Rustler	<u>Lead (100% OH excess)</u> 660 sx 12.8ppg Poz/C Top of Lead @ 0  <u>Tail (100% OH excess)</u> 680 sx 14.8ppg Class C Top of Tail @ 490'  16-5/8" 87.5# J-55 BTC	790' MD	24"	
940' Top Salt	<u>Lead (150% OH excess)</u> 1905 sx 12.8ppg Poz/C Top of Lead @ 0  <u>Tail (100% OH excess)</u> 685 sx 14.8ppg Class C Top of Tail @ 2480'  13-3/8" 68# HCL-80 BTC	3090' MD	17-1/2"	
3,184' Delaware	<u>Lead (100% OH excess)</u> 1830 sx 11.5ppg Poz/H Top of Lead @ 2490'  <u>Tail (100% OH excess)</u> 400 sx 14.8ppg Poz/H Top of Tail @ 10070'	10400' MD	12-1/4"	
6,961' Bone Spring				
10,146' Wolfcamp				
10,617' Wolfcamp B	9-5/8" 53.5# P-110 BTC	10770' MD		
12,479' Strawn				
12,704' Atoka				
13,321' Morrow	<u>Tail (40% OH excess)</u> 735 sx 14.5ppg Poz/H Top of Tail @ 10400'		8-1/2"	
14,833' Mississippian Lm				
15,158' Woodford				
15,358' Devonian	7" 32# P-110 BTC	15380' MD		
16,530' TVD at BHL	Open hole completion	16,530' MD	6"	
16,560' Montoya		16,530' TVD		
Approvals				
Prepared by: _____	Peer Reviewed by: _____ Date _____			
Reviewed by: _____	Approved by: _____			