

**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

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

## Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

<sup>1</sup> Operator Name and Address <b>SOUTHWEST ROYALTIES, INC. P.O. BOX 53570 MIDLAND, TEXAS 79710</b>		<sup>2</sup> OGRID Number <b>21355</b>
		<sup>3</sup> API Number <b>30-025-24285</b>
<sup>4</sup> Property Code <b>326322</b>	<sup>5</sup> Property Name <b>CROSSROAD SILURO DEVONIAN UNIT</b>	
		<sup>6</sup> Well No. <b>#310</b>

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
<b>P</b>	<b>27</b>	<b>9S</b>	<b>36E</b>		<b>986</b>	<b>SOUTH</b>	<b>1001</b>	<b>EAST</b>	<b>LEA</b>

<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
<b>P</b>	<b>27</b>	<b>9S</b>	<b>36E</b>		<b>986</b>	<b>SOUTH</b>	<b>1001</b>	<b>EAST</b>	<b>LEA</b>

<sup>9</sup> Pool Information

Pool Name	Pool Code
<b>CROSSROADS; SILURO DEVONIAN</b>	<b>13490</b>

## Additional Well Information

<sup>11</sup> Work Type	<sup>12</sup> Well Type	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type	<sup>15</sup> Ground Level Elevation
<b>E</b>	<b>I</b>	<b>ROTARY</b>	<b>P</b>	<b>4034'</b>
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
<b>NO</b>	<b>12,350'</b>	<b>DEVONIAN</b>	<b>NORTON ENERGY DRLG</b>	
Depth to Ground water <b>70'</b>		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

WFX-1042

<sup>21</sup> Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
<b>SURF</b>	<b>17-1/2"</b>	<b>13-3/8"</b>	<b>48#</b>	<b>260'</b>	<b>365</b>	<b>0'</b>
<b>INTER</b>	<b>12-3/4"</b>	<b>9-5/8"</b>	<b>36#</b>	<b>4250'</b>	<b>1540</b>	<b>0'</b>
<b>PROD</b>	<b>8-3/4"</b>	<b>7"</b>	<b>32#</b>	<b>12130'</b>	<b>1100</b>	<b>0'</b>

## Casing/Cement Program: Additional Comments

SURFACE AND INTERMEDIATE CASING ARE EXISTING; OPEN HOLE FROM 12130'-12,350', DV TOOL @ 4050'

<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
<b>Shaffer Style 13-5/8"</b>	<b>5000 psi</b>	<b>5000 psi</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 ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.  
Signature:

Printed name: **Lindsay Livesay**Title: **Regulatory Analyst**E-mail Address: [llivesay@swrpermian.com](mailto:llivesay@swrpermian.com)Date: **06/07/2021**Phone: **(432)207-3054**

## OIL CONSERVATION DIVISION

Approved By:

*P. Kautz*

Title:

Approved Date: **07/28/2021**Expiration Date: **07/28/2023**

Conditions of Approval Attached Will require a DDS and as drilled C-102

Completion of proposed sidetrack for the production casing shall conform with the well design approved under administrative order WFX-1042. Modification of this completion shall require filing of a C-103 Notice of Intent and approval prior to commencing proposed changes.

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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

<sup>1</sup> API Number <b>30-025-24285</b>	<sup>2</sup> Pool Code <b>13490</b>	<sup>3</sup> Pool Name <b>CROSSROADS; SILURO DEVONIAN</b>
<sup>4</sup> Property Code <b>326322</b>	<sup>5</sup> Property Name <b>CROSSROAD SILURO DEVONIAN UNIT</b>	
<sup>7</sup> OGRID No. <b>21355</b>	<sup>8</sup> Operator Name <b>SOUTHWEST ROYALTIES, INC.</b>	
		<sup>6</sup> Well Number <b>#310</b>
		<sup>9</sup> Elevation <b>4034'</b>

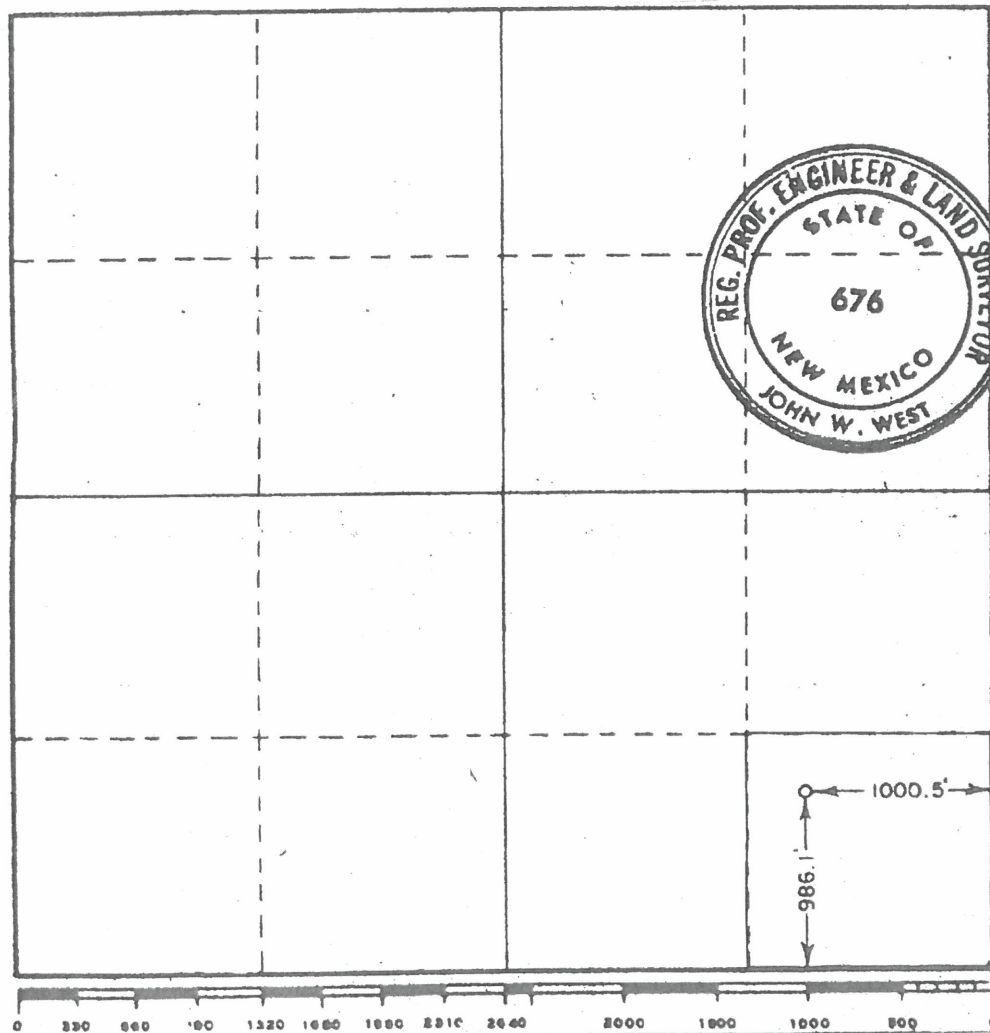
<sup>10</sup> Surface Location

UL or lot no. <b>P</b>	Section <b>27</b>	Township <b>9S</b>	Range <b>36E</b>	Lot Idn	Feet from the <b>986</b>	North/South line <b>SOUTH</b>	Feet from the <b>1001</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. <b>P</b>	Section <b>27</b>	Township <b>9S</b>	Range <b>36E</b>	Lot Idn	Feet from the <b>986</b>	North/South line <b>SOUTH</b>	Feet from the <b>1001</b>	East/West line <b>EAST</b>	County <b>LEA</b>
<sup>12</sup> Dedicated Acres <b>40</b>	<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.

<sup>17</sup> 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

Date

Lindsay Livesay

Printed Name

llivesay@swrpermian.com

E-mail Address

<sup>18</sup> 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.

October 28, 1972

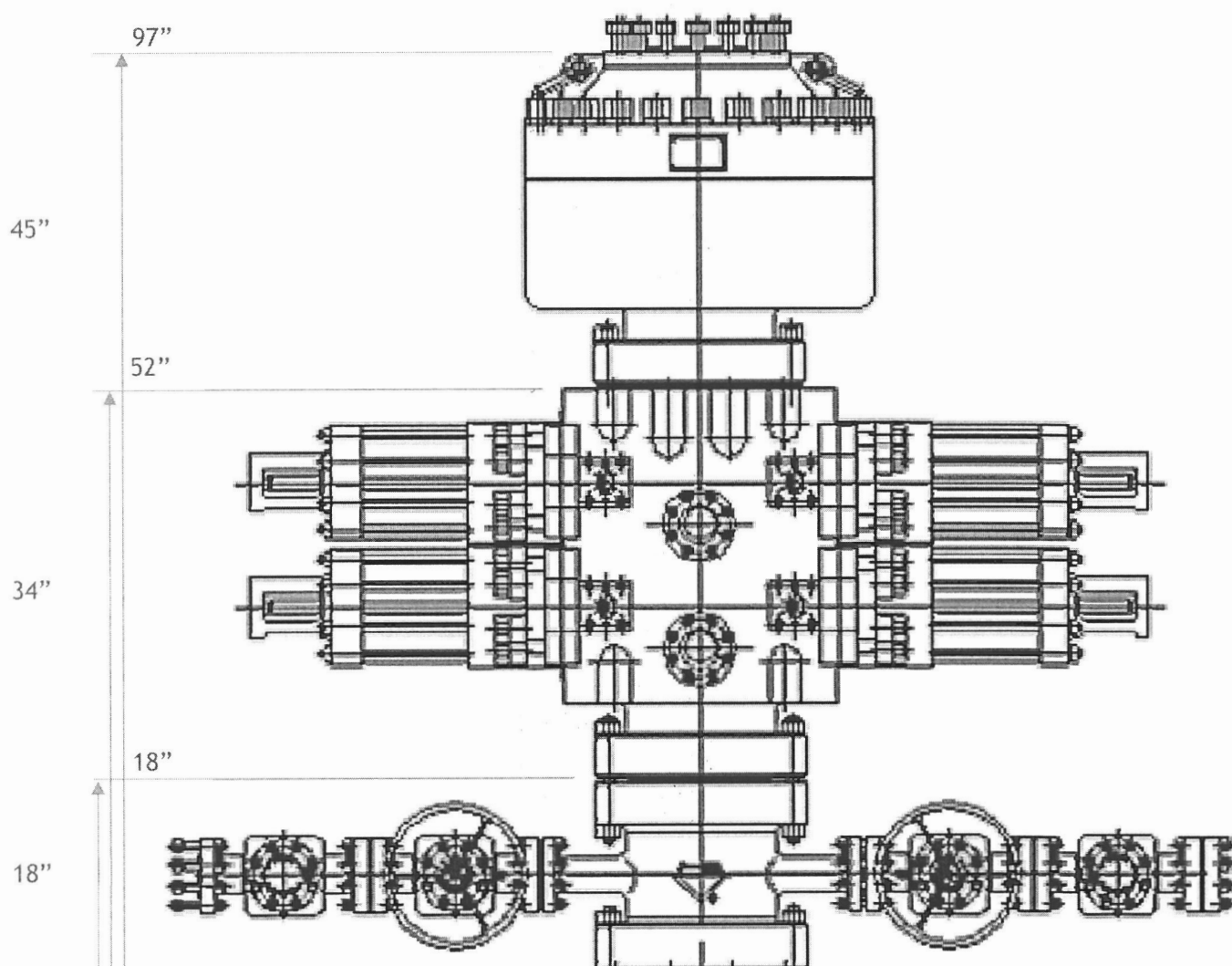
Date of Survey

Signature and Seal of Professional Surveyor:

PREVIOUS C102  
ALREADY ON FILE

Certificate Number

## Shaffer Style 13 5/8" 5000 psi



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

CONDITIONS

Action 31247

**CONDITIONS**

Operator: SOUTHWEST ROYALTIES INC P O BOX 53570 Midland, TX 79710	OGRID: 21355
	Action Number: 31247
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	Will require a File As Drilled C-102 and a Directional Survey	7/28/2021
pkautz	Completion of proposed sidetrack for the production casing shall conform with the well design approved under administrative order WFX-1042. Modification of this completion shall require filing of a C-103 Notice of Intent and approval prior to commencing proposed changes.	7/28/2021
pkautz	Cement is required to circulate on production casing	7/28/2021