

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☒ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address <b>Stephens &amp; Johnson Operating Co. P O Box 2249, Wichita Falls, TX 76307-2249</b>		<sup>2</sup> OGRID Number <b>019958</b>
		<sup>3</sup> API Number <b>30- 025-36410</b>
<sup>4</sup> Property Code <b>32449</b>	<sup>5</sup> Property Name <b>E. O. Carson</b>	<sup>6</sup> Well No. <b>25</b>

<sup>7</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
<b>E</b>	<b>33</b>	<b>21S</b>	<b>37E</b>		<b>1984</b>	<b>North</b>	<b>760</b>	<b>West</b>	<b>Lea</b>

<sup>8</sup> Proposed 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>9</sup> Proposed Pool 1 <b>Penrose-Skelly-Grayburg (50350)</b>	<sup>10</sup> Proposed Pool 2 <b>Eunice; San Andres (24150)</b>
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<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>P</b>	<sup>15</sup> Ground Level Elevation <b>3462</b>
<sup>16</sup> Multiple <b>N</b>	<sup>17</sup> Proposed Depth <b>4600'</b>	<sup>18</sup> Formation <b>San Andres</b>	<sup>19</sup> Contractor <b>United Drilling, Inc.</b>	<sup>20</sup> Spud Date <b>9-27-03</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>17 1/4"</b>	<b>13 3/8"</b>	<b>48#</b>	<b>90'</b>	<b>125</b>	<b>Surface</b>
<b>12 1/4"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>1200'*</b>	<b>540*</b>	<b>Surface</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.50#</b>	<b>4600'</b>	<b>1600</b>	<b>Surface</b>

\* Set surface pipe 25' into Rustler Anhydrite. Cement w/340 sks Light & 200 sks Premium Plus

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill conductor 17 1/4" hole and set 13 3/8" casing to 90'.
2. Install BOP and drill 7 7/8" hole at least 25' into Rustler Anhydrite. Set 8 5/8" casing to TD.
3. Drill to 4600'; run logs and set 5 1/2" casing to deepest prospective zone or below the Grayburg.
4. Complete well in the Grayburg formation.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Peyton S. Carnes, Jr.*  
Printed name: **Peyton S. Carnes, Jr.**

Title: **Petroleum Engineer**

Date: **9-24-2003**

Phone: **(940) 723-2166**

OIL CONSERVATION DIVISION

Approved by: *Paul E. Smith*

Title:

Approval Date: **OCT 01 2003**

Conditions of Approval:

Attached ☐

PETROLEUM ENGINEER

Expiration Date:

## District I

1625 N. French Dr., Hobbs, NM 88240

## District II

1301 W. Grand Avenue, Artesia, NM 88210

## District III

1000 Rio Brazos Rd., Aztec, NM 87410

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-36410</b>		<sup>2</sup> Pool Code <b>50350</b>		<sup>3</sup> Pool Name <b>Penrose Skelly; Grayburg</b>	
<sup>4</sup> Property Code <b>32449</b>		<sup>5</sup> Property Name <b>E.O. Carson</b>			<sup>6</sup> Well Number <b>25</b>
<sup>7</sup> OGRID No. <b>019958</b>		<sup>8</sup> Operator Name <b>Stephens &amp; Johnson Operating Company</b>			<sup>9</sup> Elevation <b>3462'</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	33	21S	37E		1984	FNL	760'	FWL	Lea

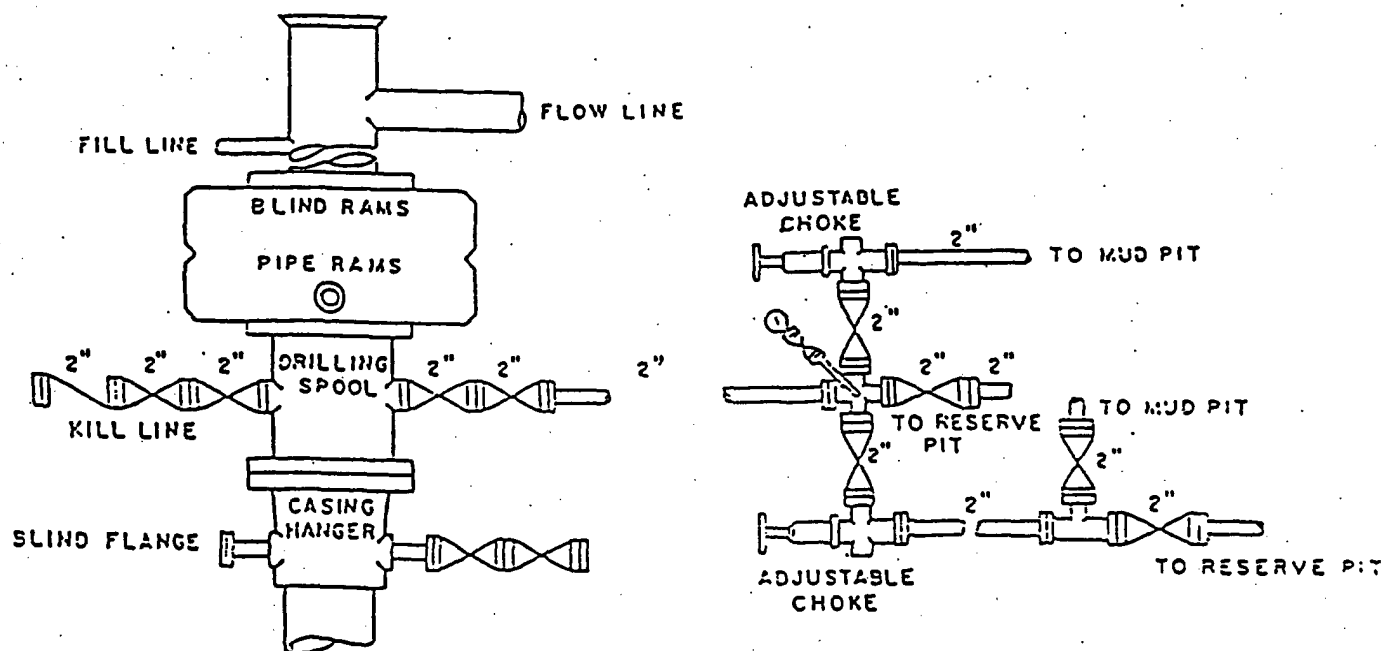
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	21S	37E		1984	FNL	760'	FWL	Lea

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 	<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.  Signature <b>Peyton S. Carnes, Jr.</b> Printed Name <b>Petroleum Engineer</b> Title and E-mail Address <b>September 24, 2003</b> Date			
	<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. <b>5 Sept 2003</b> Date of Survey  Signature and Seal of Professional Surveyor  <b>13239</b> Certificate Number			



**BOP DIAGRAM**  
**3000# WORKING PRESSURE**  
**RAMS OPERATED DAILY**

**E.O. CARSON WELL NO. 25**  
**EDDY COUNTY, NEW MEXICO**