

**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

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

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>Nadel and Gussman Permian</b> <b>601 N. Marienfeld, Suite 508, Midland, Texas 79701</b>		<sup>2</sup> OGRID Number <b>155615</b>
		<sup>3</sup> API Number <b>30 - 025 -35364</b>
<sup>3</sup> Property Code <b>27140</b>	<sup>5</sup> Property Name <b>E. L. HARROD</b>	<sup>6</sup> Well No. <b>1</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>U</b>	<b>5</b>	<b>16-S</b>	<b>35-E</b>		<b>660'</b>	<b>South</b>	<b>660'</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>Townsend (Morrow), 86400</b>					<sup>10</sup> Proposed Pool 2 <b>Townsend (Atoka)</b>				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>Rotary</b>	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>4052' GL</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>13,500'</b>	<sup>18</sup> Formation <b>Morrow</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>~4 / 01 / 00</b>

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

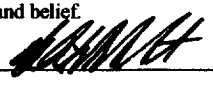
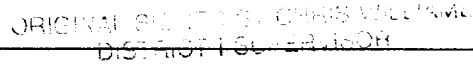
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>24"</b>	<b>20"</b>	<b>96#</b>	<b>40'</b>	<b>40</b>	<b>Circulated</b>
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>48#, H-40</b>	<b>400'</b>	<b>550</b>	<b>Circulated</b>
<b>12-1/4"</b>	<b>9-5/8"</b>	<b>36#, J-55</b>	<b>4,500'</b>	<b>1650</b>	<b>Circulated</b>
<b>8-3/4"</b>	<b>5-1/2"</b>	<b>17 &amp; 20#, N-80</b>	<b>13,500'</b>	<b>1300</b>	<b>8000'</b>

2 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.

**Drill and complete well in Morrow at a projected TD of 13,100'. Secondary objectives are the Atoka and Strawn. A BOP schematic is attached and a 5000 psi tree will be nipped up prior to perforating. A DV tool may be used if zones above the Strawn are prospective. The Morrow will be completed with through-tubing or tubing conveyed guns. Will notify NMOCD in sufficient time to witness cementing the 9-5/8" casing and minimum WOC time will be 12 hours.**

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed name: <b>Robert T. McNaughton</b>		Approved by: 	
Title: <b>Operations Engineer</b>		Title:	
Date: <b>2-5-00</b>		Approval Date: <b>FEB 19 2000</b> Expiration Date:	
Phone: <b>915 - 682 - 4429</b>		Conditions of Approval: Attached <input type="checkbox"/>	