

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 David H. Arrington Oil & Gas P.O. Box 2071 Midland, TX 79702		<sup>2</sup> OGRID Number 05898
		<sup>3</sup> API Number 30 - 025- <b>36013</b>
<sup>3</sup> Property Code <b>30566</b>	<sup>5</sup> Property Name GREEN EYED SQUEALY WORM	<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
I	26	15 SOUTH	34 EAST, NMFM		1974'	SOUTH	1129'	EAST	LEA

<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 Mississippian Wildcat					<sup>10</sup> Proposed Pool 2 31 - 12 3 4 5 7 30				

<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>FEE</b>	<sup>15</sup> Ground Level Elevation <b>4055'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>13,800'</b>	<sup>18</sup> Formation <b>Mississippian</b>	<sup>19</sup> Contractor <b>Patterson</b>	<sup>20</sup> Spud Date <b>ASAP</b>

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54 1/2#	470'	500 sxs	Circulate
11"	8 5/8"	32#	6200'	1300 sxs	Circulate
7 7/8"	5 1/2"	17#	13,800'	1200 sxs	500' above *
					uppermost pay

<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.

Set surface casing at 470'. Circulate cement to surface. Drill 11" hole to 6200'. Set 8 5/8" intermediate casing at 6200'. Circulate cement to surface. Install and test BOP's to 5000 psi. Drill 7 7/8" hole to 13,800'. DST any prospective pays encountered during drilling. Run 5 1/2" casing through Mississippian if justified.

*Waived by Paul Kautz 10/9/02*  
*Must tie back 100' into 8 5/8" casing*

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: <i>Danny A. Leofard</i> Printed name: <b>DANNY A. LEOFARD</b> Title: <b>Geologist - Operations &amp; Development</b> Date: <b>9-30-02</b> Phone: <b>915.682.6685</b>		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY Approved by: <b>PAUL F. KAUTZ</b> Title: <b>PETROLEUM ENGINEER</b> Approval Date: <b>OCT 07 2002</b> Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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