

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural ResourcesOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-101  
Revised March 12, 1999Submit 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, Inc. P.O. Box 2071 Midland, Texas 79702		<sup>2</sup> OGRID Number 005898
		<sup>3</sup> API Number 30-025-34837
<sup>4</sup> Property Code 25214	<sup>5</sup> Property Name Gray Hackle Peacock	<sup>6</sup> Well No. 1

<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
A	28	16S	36E		660	North	660	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	<sup>10</sup> Proposed Pool 2
Undesignated Wildcat Morrow	

<sup>11</sup> Work Type Code	<sup>12</sup> Well Type Code	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code	<sup>15</sup> Ground Level Elevation
N	G	R	P	3894'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
No	12,700'	Morrow/L. Miss.	Patterson	March 1, 2000

<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	48#	450'	450 sx	Circulate
11	8 5/8	32#	4950'	2100 sx	Circulate
7 7/8	5 1/2	17#	12,700'	600 sx	500' above upper most 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 450'. Circulate cement to surface, set intermediate casing at 4950'. Cement. Install BOP's. Test casing to 1000 psi. Drill 7 7/8" hole to 12,700'. Log and DST any prospective oil and gas zones. If warranted, run 5 1/2" casing to TD and cement.

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.		OIL CONSERVATION DIVISION	
Signature: <i>DAVID H. ARRINGTON</i>		Approved by: <i>DAVID H. ARRINGTON</i>	
Printed name: David H. Arrington		Title: <i>DAVID H. ARRINGTON</i>	
Title: President		Approval Date: <i>JAN 12 2000</i> Expiration Date:	
Date: <i>1-7-00</i>	Phone: <i>915-682-6635</i>	Conditions of Approval : Attached <input type="checkbox"/>	

