

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, Inc P.O. Box 2071 Midland, Texas 79702		<sup>2</sup> OGRID Number 005898
<sup>3</sup> Property Code 27048		<sup>3</sup> API Number 30-025-35311
<sup>5</sup> Property Name Brown 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
K	21	16S	36E,NMPM		1788'	South	1658'	West	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 Lovington, Penn, West Wildcat Strawn					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code New	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 3904'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11,750'	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 1-15-2001

<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"	54.50	470'	500	Circulate
11"	8 5/8"	32.0	4,900'	1750	Circulate
7 7/8"	7 7/8"	17.0	11,800'	500	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.

Drill 17 1/2" hole to 470'. Set 13 3/8" csg. Circulate cement to surface. Drill 11" hole to 4,900'. Set 8 5/8" to 4,900'. Circulate cement to Surface. Install BOP's. Test BOP's to 5000 psi. Test csg to 1500 psi. Drill 7 7/8" hole to 11,800'. DST any prospective pays. Run 5 1/2" csg as justified.

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:

Printed name: Chuck Sledge

Title: Engineer

Date: 12/14/2000

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by: DISTRICT SUPERVISOR

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐