

District I  
PO Box 1980, Hobbs, NM 88241-1980  
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 Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
Instructions on back  
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, TX 79702		<sup>2</sup> OGRID Number 005898
		<sup>3</sup> API Number 30-025-34607
<sup>4</sup> Property Code 24466	<sup>5</sup> Property Name Royal Humpy	<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
I	16	16S	36E		1615	South	1161	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 Diamond Strawn					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code 0	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3904'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,050'	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor Peterson	<sup>20</sup> Spud Date 01/15/99

<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#	425'	460	Circl.
11"	8 5/8"	32#	4900'	770	400'
7 7/8"	5 1/2"	17#	12050'	600	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 @ 425'. Circl cement to surface set inter. csq @ approx 4900'. Cement. Install BOP's. Tsg to 100 PSI. Drill 7 7/8" hole to 12,050'. DST any prospective pays. Run 5 1/2" production casing through Strawn if justified.

Permit Expires 1 Year From Approval  
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: Bill Baker Jr

Title: Expo. Manager (915)682-6685

OIL CONSERVATION DIVISION

Approved by: CRISTINA GARCIA BY CHRIS WILLIAMS

Title: DISTRICT IV SUPERVISOR

Approval Date:

Expiration Date: