

## 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 87505

Form C-101

Revised March 12, 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> API Number 30 - 025 - 35172
<sup>4</sup> Property Code 26643	<sup>5</sup> Property Name Lord Baltimore "20" State	<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	20	16S	35E		1400'	South	1460'	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 Townsend, Wildcat	<sup>10</sup> Proposed Pool 2 Mississippian
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<sup>11</sup> Work Type Code New	<sup>12</sup> Well Type Code Gas	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code State	<sup>15</sup> Ground Level Elevation 4020'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 13,100'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date September 15, 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#	480'	460 sx	Circulate to surface
11	8 5/8	32#	4800'	770 sx	Circulate to surface
7 7/8	5 1/2	17#	13,100'	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 480'. Circulate cement to surface. Set intermediate casing at approximately 4800'. Circulate cement. Install BOP's. Test casing to 1000 psi. Drill 7 7/8 hole to 13,100'. DST any prospective pays. Run 5 1/2" production casing through Mississippian if 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: David

Title: President

Date: September 1,

Arrington

Phone: (915) 682-6685

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval  
Attached ☐

SD  
mf