

## 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 - 0 <u>25-35078</u>

<sup>4</sup> Property Code <u>24636</u> <u>25254</u>	<sup>5</sup> Property Name Mayfly "14" State <u>Com</u>	<sup>6</sup> Well No. 7
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<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	14	16S	35E		330'	North	330'	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
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<sup>9</sup> Proposed Pool 1 <u>Townsend, Wildcat, Mississippian, North</u>	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code Oil/Gas	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation ~3975'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12,700'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date ASAP

<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# H-40	450'	500 sx	Circulate
12 1/4	9 5/8	32# & 36# J-55	4850'	1850 sx	Circulate
8 3/4	7	23# J-55	12,700'	650 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 approximately 4850'. Circulate cement. Install BOP's. Test casing to 1000 psi. Drill 8 3/4" hole to 12,700'. Run 7" casing 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 H. Arrington

Title: President

Date: March 2, 2000

Phone: (915) 682-6685

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

10/20/00

Expiration Date:

Conditions of Approval:

Attached ☐

12/11

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