

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

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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

¹ Operator Name and Address David H. Arrington Oil & Gas, Inc P.O. Box 2071 Midland, Texas 79702		² OGRID Number 5898
		³ API Number 30-025-34865
³ Property Code 25254	⁵ Property Name Mayfly "14" State	⁶ Well No. 4

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	16S	35E		1651'	North	371'	West	Lea

⁸ 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
E	14	16S	35E		1651'	North	371'	West	Lea
⁹ Proposed Pool 1 Townsend-Morrow/Townsend Mississippian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code D	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3987'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,200'	¹⁸ Formation Mississippian	¹⁹ Contractor Patterson	²⁰ Spud Date ASAP

²¹ 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#	465'	500 sxs	
11 "	8 5/8"	32#	4,780'	1770 sxs	
7 7/8 "	5 1/2 "	17#	11,223'	400 sxs	

²² 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.

Spot 100 sxs kick off plug across 5 1/2" casing shoe 11,275'-11,175'. Directional drill 4 3/4" hole from 11,205' TVD, 11,225' MD to 12,200' TVD. BHL will be same as surface location 1651' FNL & 371' FWL. Run & cement 3 1/2" liner if productive.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway
Deepen

²³ 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: 06/20/2001

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

Original signed by

Paul Kautz

Geologist

Expiration Date:

06/22/2001

