

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 87505Form C-101
Revised March 12, 1999Submit 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 005898
		³ API Number 30 - 0 25-34695
⁴ Property Code 24636	⁵ Property Name Mayfly "14" State Com	⁶ Well No. 1

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
D	14	16S	35E		330'	North	330'	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

⁹ Proposed Pool 1 Northwest Shoebar Strawn	¹⁰ Proposed Pool 2 North Shoebar Atoka
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¹¹ Work Type Code N	¹² Well Type Code G/O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3986'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,700'	¹⁸ Formation Atoka/Strawn	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#	450'	460 sx	Circulate
11	8 5/8	32#	4700'	770 sx	400'
7 7/8	5 1/2	17#	12,700'	600 sx	500' above upper most pay

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.

Set surface casing at 450'. Circulate cement to surface. Set intermediate casing @ 4700'. Cement. Install BOP's. Test casing to 1000 psi. Drill 7 7/8" hole to 12,700'. DST any prospective pays. Run 5 1/2" production casing through Mississippian if justified.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway²³ 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: September 10, 1999

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by ORIGINAL SIGNED BY

Title: GARY WINK
FIELD REP. II

Approval Date: 9-10-99 Expiration Date:

Conditions of Approval :

Attached ☐

525

CJP

