

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 Resources

OIL 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

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 - 025 - 34696
⁴ Property Code 24636	⁵ Property Name Mayfly "14" State Com	⁶ Well No. 3

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
C	14	16S	35E		228'	North	1654'	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
<i>E F</i>	14	16S	35E		1650'	North	2310'	West	Lea

⁹ Proposed Pool 1 Northwest Shoebar Strawn	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3982'
¹⁶ Multiple No	¹⁷ Proposed Depth TVD 11,600 MD 12,691	¹⁸ Formation Strawn	¹⁹ Contractor Patterson	²⁰ Spud Date November 1, 1999

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' above upper most pay
7 7/8	5 1/2	17#	11,310'	600 sx	
4 3/4	Open Hole	---	12,691' MD	---	

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 11,620'. Log and DST Strawn and any prospective pays. Run 5 1/2" production casing into top of Strawn and if productive drill 1300' horizontal lateral.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *David H. Arrington*

Printed name: David H. Arrington

Title: President

Date: September 10, 1999

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date: SEP 13 1999

Expiration Date:

Conditions of Approval:
Attached ☐

copy

CT
my

