

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

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 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 Property Code 29213	⁵ Property Name Double Hackle Peacock "31" State Com	⁶ Well No. 1

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	31	16S	36E		2380'	South	958'	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 Wildcat Mississippian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3932'
¹⁶ Multiple NO	¹⁷ Proposed Depth 13,000'	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"	54 1/2#	400'	500 sxs	Circulate
11"	8 5/8"	32#	4000'	1300 sxs	Circulate
7 7/8"	5 1/2"	17#	13,000'	1200 sxs	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 400'. Circulate cement to surface. Drill 11" hole to 4000'. Set 8 5/8" intermediate casing at 4000'. Circulate cement to surface. Install and test BOP's to 5000 psi. Drill 7 7/8" hole to 13,000'. DST any prospective pays. Run 5 1/2" production casing through Mississippian if justified.

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:

Printed name: Danny Ledford

Title: Geologist

Date: 01/11/2002

Phone: (915) 682-6685

OIL CONSERVATION DIVISION

Approved by:

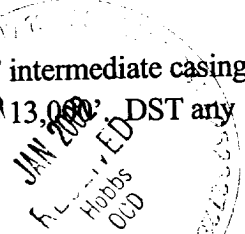
Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:



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