

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 30-025-35284
⁴ Property Code 26966	⁵ Property Name Royal Stimulator	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
F	31	15S	36E		1485'	North	1890'	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
L	1031	15S	36E		2200'	South	933'	West	Lea

⁹ Proposed Pool 1 Wildcat Mississippian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code New	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 3926'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,600' TVD 14,500' MTV	¹⁸ Formation Mississippian	¹⁹ Contractor Paterson Rig #41	²⁰ Spud Date 12/8/00

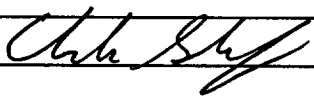
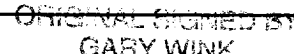
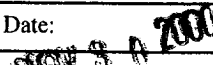
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48	470	495	Surface
11"	8 5/8"	32	4850	1700	Surface
7 7/8"	5 1/2"	17	14,500 MD	890	9000'

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.

Drill 17 1/2" hole to 470'. Set 13 3/8" 48# casing at 470' and circulate cement to surface. Drill 11" hole to 4850' ±. Set 8 5/8" 32# casing at 4850' ±. Circulate cement to surface. Install BOP's. Test to 5000 psi. Test casing to 1500 psi. Drill 7 7/8" hole to 13,600' (TVD 14,500' MD). Run 5 1/2" production casing to TD 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: 		OIL CONSERVATION DIVISION	
Printed name: Charles Sledge		Approved by:  GARY WINK	
Title: Operations Engineer		Title: FIELD REP. II	
Date: November 28, 2000		Approval Date: 	Expiration Date:
Phone: (915) 682-6685		Condition of Approval: Attached <input type="checkbox"/>	

JP