

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT 1 PLICATE\*  
(Other instructions on  
reverse side)

33-015-26756  
Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-86554
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR David H. Arrington Oil & Gas, Inc. ✓			7. UNIT AGREEMENT NAME 16941
3. ADDRESS OF OPERATOR P. O. Box 2071 Midland, TX 79701			8. FARM OR LEASE NAME Arrington Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL & 2310' FWL At proposed prod. zone Same			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles SE of Loco Hills, NM			10. FIELD AND POOL, OR WILDCAT Shugart Y, SR, Q, G
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14-T19S-R31E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A			12. COUNTY OR PARISH Eddy
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3559' GL			13. STATE New Mexico
16. NO. OF ACRES IN LEASE 160			17. NO. OF ACRES ASSIGNED TO THIS WELL 40
19. PROPOSED DEPTH 4000'			20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* June 1, 1991			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# J-55	700'	400 sx "C" Circ. to surf.
7 7/8"	5 1/2"	14# J-55	4000'	Circ 550 sx HL + 150 sx "C"

<b>Mud Program:</b>	<b>Mud Wt.</b>	<b>Vis.</b>	<b>W/L Control</b>
0' - 700': Fresh water spud mud w/gel:	8.4-8.7ppg	28-32	No W/L cont.
700' - 4000': Brine mud w/gel, starch:	10 ppg	30-38	W/L 10-20cc

**BOP Program:**

A 10" 3000 psi wp Shaffer Series 900 BOP will installed on the 11 3/4" casing. Casing and BOP will be tested before drilling out with 7 7/8". BOP will be used as a 2000 psi wp system and will be tested daily. See exhibit "E".

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Post ID-1  
5-31-91  
Newhoe & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] Agent May 2, 1991  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 5-23-91  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side