

Submit to Appropriate District Office  
 State Lease - 6 copies  
 Fee Lease - 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-101  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)  
30-025-12773

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 B-4086

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work:  
 DRILL  RE-ENTER  DEEPEN  PLUG BACK   
 b. Type of Well:  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

7. Lease Name or Unit Agreement Name  
 State C

2. Name of Operator  
 David H. Arrington Oil & Gas, Inc.

8. Well No.  
 2

3. Address of Operator  
 P.O. Box 2071, Midland, Texas 79702

9. Pool name or Wildcat  
 Eunice Monument (G-5A)

4. Well Location  
 Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line  
 Section 24 Township 19-S Range 36-E NMPM ~~Monument~~ Lea County

10. Proposed Depth 3730'  
 11. Formation Queen (Penrose)  
 12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.) 3708' DF  
 14. Kind & Status Plug. Bond  
 15. Drilling Contractor  
 16. Approx. Date Work will start 10/06/92

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>7 1/2" casing</u>					

- Rig up & pressure test 7" casing to 500 psi, run bit & casing scraper to PBD 3730'
- Run cased hold Cement Bond Log & Gamma Ray Neutron Logs
- Perforate Queen zone 3453'-3660'
- Run packer & acidize with 3000 gal. 15% HCL, swab & pull packer
- Run 3 1/2" frac tubing & packer, frac perms with 77,500 gal 60 quality CO2 KCL water & 250,000# sand.
- Flow back & test well, pull frac tubing. Run production tubing.
- Put well on production.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE David H. Arrington TITLE President DATE 10/05/92  
 TYPE OR PRINT NAME David H. Arrington TELEPHONE NO. 915-612-0085

(This space for State Use)  
 APPROVED BY Paul Kautz Geologist TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 DEC 23 '92  
 Done OK 11-13-92