

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

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

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

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

API NO. (assigned by OCD on New Wells)
30-015-22738

5. Indicate Type of Lease
Federal ☐ STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
NM 34458

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Federal 34			
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> TA'd Well <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. #1			
2. Name of Operator David H. Arrington Oil & Gas, Inc.		9. Pool name or Wildcat Springs Upper Penn			
3. Address of Operator P.O. Box 2071 Midland, Texas 79702					
4. Well Location Unit Letter <u>N</u> : <u>1980'</u> Feet From The <u>West</u> Line and <u>960'</u> Feet From The <u>South</u> Line Section <u>34</u> Township <u>20-S</u> Range <u>26-E</u> NMPM <u>Eddy</u> County					
13. Elevations (Show whether DF, RT, GR, etc.)		14. Kind & Status Plug. Bond Current	15. Drilling Contractor n/a		
10. Proposed Depth 9000'		11. Formation Upper Penn	12. Rotary or C.T. n/a		
16. Approx. Date Work will start 3/17/97					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

Upper Penn perms @ 8045' - 8174'. CIBP set @ 7882' with 20' cement on top 7" 26# N-80 casing set @ 10,637'. Model F-1 packer set @ 7905'.

1. Pickup bit, drill collars and 2 7/8" N-80 tubing, TIH. Drillout cement and CIBP @ 7882'.
2. TIH with mill, drill collars and 2 7/8" N-80 tubing, cut over Model F-1 packer at 7905'. Clean out to 9000'±. Circulate hole clean, POH laying down work string. Install well head.
3. Will put well on production after setting production equipment.

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 Brian K. Luginbill TITLE Petroleum Engineer DATE 4-3-97

TYPE OR PRINT NAME Brian K. Luginbill 915-682-6685 TELEPHONE NO.

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*Revised by
Wang*