

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

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

API NO. (assigned by OCD on New Wells)
30-025-307-15

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

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

2. Name of Operator
ARCO OIL AND GAS COMPANY

3. Address of Operator
Box 1610, Midland, Texas 79702

4. Well Location
Unit Letter D : 990 Feet From The North Line and 330 Feet From The West Line
Section 21 Township 22S Range 36E NMPM Lea County

7. Lease Name or Unit Agreement Name
Langley Greer Oil

8. Well No.
2

9. Pool name or Wildcat
Langley Strawn

10. Proposed Depth
9800

11. Formation
Strawn

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3528 GR

14. Kind & Status Plug. Bond
Statewide Blanket

15. Drilling Contractor
NA

16. Approx. Date Work will start
3-1-90

17. **PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	400	420	Surf
12 1/4	8 5/8	28	4000	1500	Surf
7 7/8	5 1/2	17	9800	850	3500

Conoco, Inc. & Doyle Hartman have ^{been} furnished a copy of this application.

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 Ken W. Gosnell TITLE Engr. Tech. DATE 2-9-90
TYPE OR PRINT NAME Ken W. Gosnell TELEPHONE NO. 915/688-5672

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE FEB 14 1990

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date of Well Drilling Underway.