

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)

30-025-28576

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 ☐

7. Lease Name or Unit Agreement Name

Post

2. Name of Operator

American Exploration Company

8. Well No.

3

3. Address of Operator

700 Louisiana, Suite 2100, Houston, Texas 77002-2791

9. Pool name or Wildcat *Undesignated King*  
*So. King (Devonian) WC*

4. Well Location

Unit Letter D : 330 Feet From The North Line and 330 Feet From The West Line

Section 12 Township 14S Range 37E NMPM Lea County

10. Proposed Depth  
±12,600'

11. Formation  
Wolfcamp

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
3833 GR

14. Kind & Status Plug. Bond  
Blanket Bond

15. Drilling Contractor

16. Approx. Date Work will start  
2/91

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              | 420           | 500 sx. "C"     | Surface  |
| 12-1/4       | 8-5/8          | 32              | 4671          | 2000 sx. "C"    | Surface  |
| 7-7/8        | 5-1/2          | 17              | 14000         | 2900 sx. "C"    | 4000     |

American Exploration Company proposes to recompleate the subject well to the Wolfcamp as follows:

1. POH w/tubular goods.
2. GIH w/CIBP (on WL) & set @ ±12,600'. Perforate Wolfcamp @ 9442-9446, 9451-9458 & 9466-9468' thru tubing w/1 SPF.
3. GIH w/packer to ±9390 and stimulate Wolfcamp w/1000 gals. acid (77 gals. per ft.). Flow & swab back load wtr.
4. POH w/treating equipment & GIH w/production string & lifting equipment.  
Test

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 Marty B. McClanahan TITLE Sr. Prod. Analyst DATE 2/25/91

TYPE OR PRINT NAME Marty B. McClanahan

TELEPHONE NO. 713-220-81

(This space for State Use)

On signed by  
Paul Kautz  
Geologist

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

FEB 28 1991