

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)

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

Farnsworth "B"

2. Name of Operator

Bruce A. Wilbanks Company

8. Well No.

7

3. Address of Operator

P. O. Box 763, Midland, Texas 79702

9. Pool name or Wildcat

Scarborough Yates Seven Rivers

4. Well Location

Unit Letter F : 2310 Feet From The North Line and 1657.9 Feet From The West Line

Section 7 Township 26 Range 37 NMPM Lea County

10. Proposed Depth

2895

11. Formation

Yates

12. Rotary or C.T.

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

2975' RDB

14. Kind & Status Plug. Bond

current

15. Drilling Contractor

16. Approx. Date Work will start

2-26-91

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	354	200	
7-7/8"	5-1/2"	23#	3304	210	

Propose to complete in the Yates Formation

- RU Pulling Unit. Pull Rods, Pump & Tbg.
- Run cmt. Bond log from PBTD (+/-3080') to top of cmt. Evaluate Cmt. Bond log
- Set retainer w/tbg. at 2980'
- Squeeze Capitan Reef Perfs @ 3016-3020' w/300 sx. low water loss cmt., followed by 300 sx. Neat cmt. Reverse excess & circ. hole clean. Displace hole w/2% KCL Wtr.
- Perforate Yates w/4" csg. gun w/2 shots orientated 180 deg. apart as follows:
Yates A: 2776, 79, 85, 87, 93, 97, 2801, 2804, 16 holes
Yates B: 2815, 23, 25, 29, 33, 37, 12 holes
Yates C: 2873, 76, 79, 95 8 holes Total 36 holes
- GIH w/workstring & Baker Model C-1 fullbore retrievable cementer & Model C retrievable BP
- Straddle each set of perfs individually & break each set down w/1000 gall. 10% NEFE acid w/ball sealers, Displace acid w/2% KCL wtr., POOH, GIH w/tbg string to 2700'
- Frac well w/40,000 gal. foamed CO2 & 157,900# 12-20 sand, Flow back well, run rods & pump

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 Jeanette Lowery TITLE agent DATE 1/15/91

TYPE OR PRINT NAME Jeanette Lowery TELEPHONE NO. 915-682-7582

(This space for State Use)

Orig. Sig.
Paul Kauz
Geologist

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 18 1991