

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)

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

313721

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

B. F. HARRISON -B-

2. Name of Operator

TEXACO PRODUCING INC.

8. Well No.

3

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

*UNDESIGNATED

4. Well Location

Unit Letter C : 340 Feet From The NORTH Line and 1700 Feet From The WEST Line

Section 9 Township 23-SOUTH Range 37-EAST NMPM LEA County

10. Proposed Depth

8950'

11. Formation

**

12. Rotary or C.T.

R

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

GR-3314'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

16. Approx. Date Work will start

05-01-91

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
22 1/2	18 5/8	87.5#	40'	REDI-MIX	SURFACE
17 1/2	13 3/8	54.5#	1180'	1100	SURFACE
12 1/4	9 5/8	40#	3750'	1450	SURFACE
8 3/4	5 1/2	17#	8950'	1850	SURFACE

*UNDESIGNATED (WILDCAT ABOVE ELLENBURGER IN TEAGUE NORTH FIELD).

**FORMATIONS: FUSSELMAN, DEVONIAN, GRAYBURG. THERE ARE NO OTHER OPERATORS IN THIS QUARTER/QUARTER SECTION.

CEMENTING PROGRAM: CONDUCTOR - REDI-MIX

SURFACE - 900 SACKS CLASS H w/ 2% GEL & 2% CaCl₂ (14.7ppg, 1.36f3/s, 6.5gw/s). F/B 200 SACKS CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s).

INTERMEDIATE - 1st STAGE: 900 SACKS 50/50 POZ CLASS H w/ 2% GEL & 5% SALT (14.25ppg, 1.28f3/s, 5.75gw/s).

F/B 250 SACKS CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s). 2nd STAGE: DV TOOL @ 1250'. 300 SACKS

CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19f3/s, 5.2gw/s).

PRODUCTION - 1st STAGE: 500 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87f3/s, 9.9gw/s).

F/B 250 SACKS CLASS H w/ 1/4# FLOCELE & 0.6% HALAD-9 (15.6ppg, 1.18f3/s, 5.2gw/s). 2nd STAGE:

DV TOOL @ 7000'. 1100 SACKS 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87f3/s, 9.9gw/s).

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 C. Wade Howard TITLE ENGINEERING ASSISTANT DATE 03-20-91

TYPE OR PRINT NAME C. WADE HOWARD TELEPHONE NO. 915-688-4606

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.