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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-65

NOV 9 1979

C.C.C.
ARTESIA, OFFICE

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

K-6949-2

7. Unit Agreement Name

Parkway West

8. Farm or Lease Name

Parkway West Unit

9. Well No.

9

10. Field and Pool or Wildcat

Undesignated
Parkway West (Morro

11. County

Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

The Petroleum Corporation

3. Address of Operator

1440 Midland Natl. Bank Tower, Midland, Texas 79701

4. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE north LINE

AND 1980

FEET FROM THE east LINE OF SEC. 27 TWP. 19-S RGE. 29-E NMPM

19. Proposed Depth

11,800 ft.

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RL, etc.)

3335.8 GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Warton

22. Approx. Date Work will start

12-24-79

23.

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# | 350 | 600 | Circ. |
| 12-1/4" | 8-5/8" | 24# & 32# | 3100 | 1400 | Circ. |
| 7-7/8" | 4-1/2" | 11.6# & 13.5# | 11,000 | 1000 | 8500' |

Set surface casing into T/Salt estimated to be 350', circ. cement. Drill 12-1/4" hole with brine water to prevent washout to 3100', set 8-5/8" casing @ 3100', circ. cement. Drill 7-7/8" hole with fresh water to 9000'. Add brine water @ 9500' to raise mud weight. Drill to TD of 11,800' to test Morrow and intermediate horizons. If commercial, will run casing to TD. Cement with sufficient cement to bind cement above all prospective zones. Estimated T/cement to be 8500'. Perf and stimulate Morrow for production.

NOTE: Gas is not dedicated.

MUD PROGRAM: 0-350': spud mud; 350-3100': 10# brine water; 3100-9000': fresh water; 9000-10,800': cut brine water gel MW 9.4, vis 35; 10,800-TD: starch, salt gel & Drispac MW 9.7, vis 36-40 @ TD. WL 6 cc thru Morrow. Bottom hole pressure @ TD anticipated to be 4700 psi. No abnormal pressures expected.

BOP PROGRAM: BOPs to be installed on 13-3/8" & 8-5/8" casing. Diagram attached. BOP to be tested daily. Test with yellow jacket prior to drilling Wolfcamp formation.

EXPIRES 2-14-80

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.

Signed J. K. Glickman Title District Engineer

Date 11-8-79

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II

DATE NOV 14 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 13 3/8" + 8 5/8" casing