

NMOCC COPY

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-22395

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

Superior Federal  
NM-0144698

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

No

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Superior Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

East Burton Flat (Morrow)

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 5, T20S, R29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

The Petroleum Corporation

3. ADDRESS OF OPERATOR

3303 Lee Parkway, Dallas, Texas 75219

RECEIVED

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

Unit I, 1980' FSL and 660' FEL

JAN 12 1978

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

16 miles NE from Carlsbad, NM

O.C.C.

ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1743.54 gross

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1866.67

19. PROPOSED DEPTH

11,800

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 3292.2

22. APPROX. DATE WORK WILL START\*

January 15, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15	11-3/4"	47	400	500 sacks
11	8-5/8"	24 & 28	3,100	1,000 sacks
7-7/8	5-1/2"	17	11,800	750 sacks

Adequate BOP's to be installed from 400 feet to total depth. See attached sketch.

Gas is not dedicated.

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DEC 9 1977

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Don F. Tankersley*

Don F. Tankersley

TITLE Vice Pres. of Operations

DATE 11/17/77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JAN 11 1978

APPROVED BY

*Joe J. Lara*

TITLE ACTING DISTRICT ENGINEER

DATE JAN 11 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES

APR 11 1978

\*See Instructions On Reverse Side

DECLARED WATER BASIN  
CEMENT BEHIND THE  
CASING MUST BE CIRCULATED  
11 3/4"  
4 8 5/8"