

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

PETROLEUM DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR

9720-B Candelaria, N. E., Albuquerque, N. M. 87112

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

At surface

1650' FSL & 660' FEL Section 9-19S-32E

At proposed prod. zone
Same

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

15 miles south of Maljamar, New Mexico

10. 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

760

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

13,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3643 GL

22. APPROX. DATE WORK WILL START*

1/10/76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.50 #	375	450 SX.
11"	8-5/8"	24 & 32#	4200	600 SX.
7-7/8"	5-1/2"	15.5 & 17#	13000	350 SX.

Set 13-3/8" casing at approximately 375', circulate cement to surface. Test BOP and surface casing to 500# for 30" before drilling out. WOC time 8 hours.

Drill 11" hole to approximately 4200', set and cement 8-5/8" intermediate casing at approximately 4200'. Test BOP and 8-5/8" casing to 1000# for 30" before drilling out. WOC time 12 hours.

Drill 7-7/8" hole to approximately 13,000', testing all significant shows of oil or gas. Set 5-1/2" casing at approximately 13,000'.

Complete by jet perforating indicated pay intervals and acidizing as need is indicated.

See attached BOP schematic.

In the event the well is drv, necessary approval will be obtained from the Commission before plugging and abandonment. "Designation of Operator" from Roy L. McKay will follow.

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 CHARLES W. SANDERSTITLE VICE PRESIDENT, ENGINEERING DATE December 24, 1975

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED
AS AMENDED

JAN 9 1976

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side