

COPY TO O.A.C.
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27077

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 1980' FNL, 1980' FEL

At proposed prod. zone

same

U. S. GEOLOGICAL SURVEY

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* HOLDS, NEW MEXICO

14 miles south of Maljamar, N. M.

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

480

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.

None

19. PROPOSED DEPTH

13,500

20. ROTARY OR CABLE TOOLS

Rotary

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

3,631 GR

22. APPROX. DATE WORK WILL START*

October 15, 1980

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"	48#	400'	450 sx.
11"	8-5/8"	24#	4020'	1250 sx. (2-stage)
7-7/8"	4-1/2"	11.6#	12,800'	700 sx.

Set 13-3/8" csg. @ approx. 400'; circulate cement to surface. WOC 8 hrs. Test BOP & surface csg. to 500# for 30" before drilling out. Drill 11" hole to approx. 4500'; set & cement 8-5/8" intermediate csg. WOC 12 hrs. Test 8-5/8" csg. & BOP to 2000#.

Drill 7-7/8" hole to 13,500', testing all significant shows of oil or gas. Set 4-1/2" csg. @ approx. 13,500'. See attached mud program. Complete by jet perforating indicated pay intervals and acidizing or fracturing, as need is indicated.

A 1500-series BOP and Hydrill with remote controls will be used. A rotating drilling head, PVT and flow sensors will be used for drilling Wolfcamp and below. See attached preventer layout, Exhibit "D". See attached supplemental multi-point drilling plan; mud program Exhibit "E".

Gas not indicated

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


P. W. Chester

TITLE President

DATE 9/11/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) PETER W. CHESTER

ACTING DISTRICT ENGINEER

DATE OCT 1 1980

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY: