

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, New Mexico 87112

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

At surface

1980' FNL &amp; 1980' FWL Sec. 34, T-18S, R-32E

At proposed prod. zone

Same

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

10-1/2 Miles South of Maljamar, New Mexico

## 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

440

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL 160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1320' (D&amp;A)

## 19. PROPOSED DEPTH

10,300' ±

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3706' GL

## 22. APPROX. DATE WORK WILL START\*

January 15, 1975

## 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"	54.5#	400'	350 sxs. (circulate)
12-1/4"	9-5/8"	40.0#	4600'	600 sxs. (into salt section)
8-3/4"	7"	26-32#	10,100'	180 cf (1000' fill)

1. Test 9-5/8" casing & BOP to 1000 psi before drilling out. WOC 12 hrs. for both surface and 9-5/8" casing.
2. Drill 8-3/4" hole to T.D., using fresh water, low solids fluid. Reduce water loss to below 10 cc at 9600', or earlier if commercially productive zones are encountered.
3. Run resistivity and porosity logs total depth to base of 9-5/8".
4. Run and cement 7" casing, complete by perforating and testing indicated productive zones. Double-ram and Hydril type preventers will be used. Pipe rams will be checked each tour; blind rams each trip. See attached preventer layout and mud program. Designation of Operator from Sol West III attached. Communitization Agreement for SW/4 NW/4 (The Superior Oil Co.) will be filed prior to expiration date of 2/1/75.

DRILLING MUST BE IN COMPLIANCE WITH  
THE ATTACHED "DRILLING WELL CONTROL  
REQUIREMENTS" DATED 6-22-73

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. Sanders

TITLE Vice President

DATE 12/18/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DEC 24 1974

ARTHUR R. BROWN  
DISTRICT ENGINEER

MAR 24 1975

\*See Instructions On Reverse Side

RECEIVED

DEC 2 1974

OIL CONSERVATION COMM.  
HOBBS, N. M.