

NMOCC COPY

SUBMIT IN TRIP DATE\*

Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
(with instructions  
on reverse side)

FEB 28 1978

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒ XX

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒ XXOTHER ☐SINGLE  
ZONE ☒ XMULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

PETROLEUM DEVELOPMENT CORPORATION

## 3. ADDRESS OF OPERATOR

9720 B Candelaria, NE, Albuquerque, New Mexico 87112

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

At surface

660' from the east line, 1980' from the south line, Sec. 28,  
T12S, R30E

At proposed prod. zone

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

16 miles SW from Caprock, NM

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

680

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

none

## 19. PROPOSED DEPTH

10,000

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

3922' G.L.

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Feb. 10, 1978

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
28"	20"	conductor	40'	5 yds. concrete
17-1/2"	13-3/8"	48#	500'	700 c.f.
11"	8-5/8"	24#	2800'	1500 c.f.
7-7/8"	4-1/2"	11.6#	10,000'	475 sx.

Set 13-3/8" casing at Approximately 500'; circulate cement to surface; WOC 8 hrs. Test BOP and surface casing to 500# for 30 min. before drilling out. Drill 11" hole to approximately 2800'; set and cement 8-5/8" intermed. casing, bring top of cement at least back to base of surface casing. WOC 12 hrs. Test 8-5/8" casing and BOP to 1000#. Drill 7-7/8" hole to 10,000', testing all significant shows of oil or gas. Set 4-1/2" casing at approximately 10,000'. 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 supplemental multi-point drilling plan; mud program, Exhibit "E".

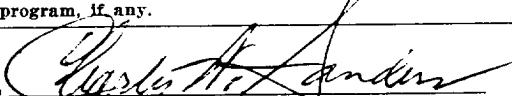
See attached preventer layout, Exhibit "D".

(Gas reserves from this lease are not dedicated).

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



TITLE Vice President

DATE 1/14/78

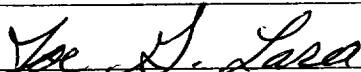
(This space for Federal or State office use)

FEB 27 1978

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE ACTING DISTRICT ENGINEER

DATE

FEB 27 1978

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES MAY 27 1978

\*See Instructions On Reverse Side

RECEIVED

MAR 1 1978

OIL CONSERVATION BOARD  
HOBBS, N. M.