

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

BERGE EXPLORATION, INC. ✓

## 3. ADDRESS OF OPERATOR

7100 North Broadway, Ste. 2-L, Denver, CO 80221

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

At surface

660' /N

660' /W

Sec. 27-7S-26E

At proposed prod. zone

Same

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

25 miles northeast of Roswell, N.M.

O. C. D.

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

600

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160 Ac.

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

2640'

## 19. PROPOSED DEPTH

4800' Abo

## 20. ROTARY OR CABLE TOOLS

Rotary - CIA Rig #2

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

3761 GL

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

December 29, 1981

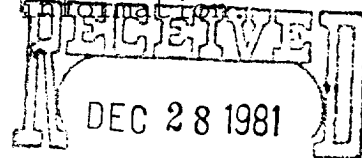
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5#	400'	Circulate Cement
7 7/8"	4 1/2"	11.6#	TD or PBTD	500 ± sx (Sufficient to isolate all oil, gas or water zones)

Propose to drill to about 4800' to test Abo and intermediate zones. Evaluate any favorable zones. Run casing thru deepest zone that appears commercial. Perform normal completion by perforating, stimulating and testing.

See attached "Supplementary Drilling Data" and BOP information.

The gas is not dedicated.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and/or estimated blowout preventer program, if any.

SIGNED Jerry W. Long Agent DATE December 28, 1981  
JERRY W. LONG  
(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL

JAN 6 1982

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side