

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  
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
10,000 Old Katy Road - Suite #100, Houston, Texas 77055

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1980' FEL, 1980' FSL Section 25  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
25 miles northwest of Jal, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 640

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 14,300'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3636.6 GR

22. APPROX. DATE WORK WILL START\* February 25, 1977

23. 90-day duration

PROPOSED CASING AND CEMENTING PROGRAM  
& GRADE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT /	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94# H-40	400'	Circ.
17½"	10-3/4"	40.5, 45.5, 51.0#	5,200'	Circ.
		J-55		
9-5/8"	7-5/8"	29.7#, 33.7#, 39#	12,000'	250 sx
		N-80		
6-1/2"	5" liner	18# N-80	TD	250 sx

Prior to drilling below the 10-3/4" csg., 3 remote-controlled BOP's w/working pressures of 5000# will be utilized; 1 Hydril, 1 pipe ram & 1 blind ram.

## Mud Program by intervals:

0 - 400' Fresh water  
400 - 5,200' Brine  
5,200 - 8,000' Fresh water  
8,000 - 12,000' Cut brine  
12,000 - TD Non-dispersed, 12.0#/G to 14.0#/G

GAS IS 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 Lee J. Keating TITLE Administrative Geologist DATE Jan. 31, 1977

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

APPROVED  
AS AMENDEDDATE Jan 31 1977  
BY Bas  
DEPT. OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

MAR 6 1977

OIL CONSERVATION COMM.  
HOBBS, N. M.