

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
990' FNL, 1980' FWL

At proposed prod. zone

Same

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

11 miles southeast of Halfway, New Mexico

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

18. DISTANCE FROM PROPOSED LOCATION*

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

2400'

19. PROPOSED DEPTH

14,600'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320'

20. ROTARY OR CABLE TOOLS

Rotary

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

3911.7 GR

22. APPROX. DATE WORK WILL START*

November 15, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

Est. 3 mo. duration

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	500'	600 sx Circ.
12-1/4"	9-5/8"	40.0# K-55P K-80	5,800'	1500 sx Circ w/multi-stage cementing tool @ 3300' or 100' b base of salt
8-3/4"	5-1/2"	17.0 & 20.0#	14,600'	500 sx

Prior to drilling below the 9-5/8" csg., 3 remote-controlled BOP's w/working pressures of 5000# will be utilized; 1 Hydril, 1 pipe ram & 1 blind ram.

The Mud Program will consist of:

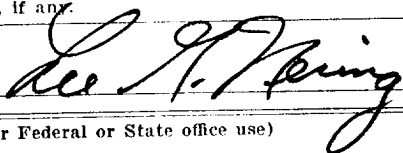
	Wt.	H.P.	W.L.	Mud
0- 1,100	8.4- 8.8	457	-	Natural
1,100- 3,300	9.7-10.1	1628	-	Brine
3,300-11,900	8.4- 8.6	5051	-	Fresh
11,900-13,100	9.6-10.0	6448	-	Brine
13,100-13,600	9.6-10.0	6760	15-10	Brine-Polymer
13,600-14,600	9.6-10.0	7072	10-8	Brine-Polymer w/5% KCl

Geological information attached.

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 Administrative Geologist

DATE 9/27/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 8 1977
OIL CONSERVATION COMM.
HOBBS, N. M.