

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' FSL, 660' FWL

At proposed prod. zone

Same

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

10 miles southeast of Halfway, 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

320

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.

-

19. PROPOSED DEPTH

14,500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3817 GR

22. APPROX. DATE WORK WILL START*

November 1, 1976

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# <i>H-55</i>	500'	600 sx Circ
12-1/4"	9-5/8"	40.0# <i>H-55</i> <i>9A-50</i>	5,900'	1500 sx Circ w/multi-stage cementing tool @ 3200' or 100' below base of salt
8-3/4"	5-1/2"	17.0# & 20.0#	14,500'	500 sx

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

The Mud Program will consist of:

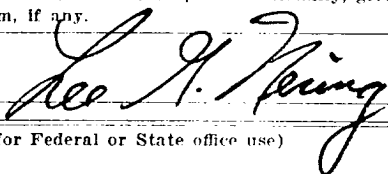
	Wt.	HP	W.L.	Mud
0- 1,100	8.4- 8.8	457	-	Natural
1,100- 3,200	9.7-10.1	1628	-	Brine
3,200-11,800	8.4- 8.6	5051	-	Fresh
11,800-13,000	9.6-10.0	6448	-	Brine
13,000-13,500	9.6-10.0	6760	15-10	Brine-Polymer
13,500-14,500	9.6-10.0	7072	10-8	Brine-Polymer w/5% KCl

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: