

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  
 411 Petroleum Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 660' FSL & 1980' FWL, Sec. 19, T-20-S, R-33-E, Lea Cty.  
 At proposed prod. zone  
 SAME

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 03023

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 None

7. UNIT AGREEMENT NAME  
 None

8. FARM OR LEASE NAME  
 Bass Federal

9. WELL NO.  
 3

10. FIELD AND POOL, OR WILDCAT  
 South Salt Lake

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 19, T-20-S, R-33-E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 33 miles east of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. 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.  
 None

19. PROPOSED DEPTH  
 13,600'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3567' GR

22. APPROX. DATE WORK WILL START\*  
 When Permit Approved

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65#	1000	900 sx. (To Circulate)
13-3/4"	10-3/4"	40.5 & 45.5#	3100	1200 sx. (To Circulate)
9-1/2"	7-5/8"	29.7 & 33.7#	11,200	3100 sx. (To Circulate)
6-1/2"	5-1/2" Liner	20#	13,600	300 sx.

BOP Program

- 16" --- One 3000 psi W.P. Hydril with 2" divertor line and control valve.
- 10-3/4" --- One set pipe rams, one blind ram and one Hydril, 3000 psi working pressure.
- 7-5/8" --- Same as 10-3/4", except BOP stack will be changed out to 5000 psi W.P. Also, PVT's, Gas Separator, "Flo-Sho" and Hydraulic Choke will be installed. BOP stack and choke manifold will be tested to 5000 psi. A drill string safety valve will be kept on rig floor at all times.

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 J. T. Holten, Jr. TITLE Operations Engineer DATE 4/21/75  
 (This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY: