

NM OIL CONS. COMMISSION
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN PLICATE*
(Other inst. on reverse side)Form approved.
Budget Bureau No. 42-3100

30-015-24420

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒ Directional 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 Rd - Suite 100, Houston, Texas 77055

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)

At surface

1980' FWL & 100' FSL, Sec 6

At proposed prod. zone

1980' FWL & 660' FNL, Sec 7

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

16 miles NE of Loving, New Mexico

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

100' SL

660' BHL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3480' (BHL)

2882' (SL)

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

14,500' TVD

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

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

3300 GR

22. APPROX. DATE WORK WILL START

3-1-83

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
42"	30" New	1" thick	40'	Redi Mix
26"	20" New	94#	600'	750 sx
17 1/2"	13-3/8" New	61 & 68#	4000'	2800 sx
9-7/8"	7" New	32 & 29#	11950'	1700 sx
6"	5" Line	18#	14500'	400 sx

Gas Is Dedicated.

- The formation & surface is Quaternary Alluvium, mainly sand dunes.
 - Est formation tops: Delaware 3930'; Wolfcamp 11080'; Strawn 12640'; Atoka 13040'; 13820'.
 - Gas in Atoka, Strawn and Morrow.
 - Casing Design: new casing as shown above.
 - BOP Program: 3 BOP 5000#; 1 Hydrill, 1 pipe ram, 1 blind ram for shallow depths & depths. Tested upon installation & periodically tested; operated daily. (see schedule)
 - Mud Program: 0-600' fresh; 600'-4000' brine 10.0; 4000'-11950' cut brine 9.0, 11.0 non-dispersed to 13.0.
 - Auxiliary: Rotating stripper head below intermediate; lower Kelly cock valve, 5000' and choke manifold, drillstring safety valve on floor.
 - Drillstem testings as required; Logging: Guard Forxo; Acou-Neuf-GR.
 - Possible high pressure in Wolfcamp, Strawn, Atoka and Morrow.
 - Anticipated startup March 1, 1983 and will take 130 days to drill to TD.
- 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 blow preventer program, if any.

SIGNED

P. E. Shavia

TITLE

Division Drilling Engineer

DATE

1-20-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 25 1983

*See Instructions On Reverse Side

OIL & GAS
MINERALS MGMT. SERVICE
ROSWell, NEW MEXICO