

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

30-039-24601

5. LEASE DESIGNATION AND SERIAL
SF-078534

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bobby B

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Escrito Gallup Associ

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 31, T24N, R6W, NM

12. COUNTY OR PARISH

Rio Arriba

13. STATE
NM

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

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant Ave., Santa Fe, NM 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1900' FNL & 930' FWL

At proposed prod. zone

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

approx. 6 miles NE of Lybrook, NM

15. DISTANCE FROM PROPOSED*

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

740'

16. NO. OF ACRES IN LEASE

320

1202.88

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80.56

18. DISTANCE FROM PROPOSED LOCATION*

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

1374' from

proposed BCO Bobby

5560'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

Rotary

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

6718' GL

B #4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED22. APPROX. DATE WORK WILL START
ASAP

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 31.4,
and appeal pursuant to 43 CFR 31.65.4.

150 sx (190 cu.ft.)

1220 sx (2111 cu.ft.)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	23#	200'
7-7/8"	4-1/2"	11.6#	5560'

Plan to drill a 12-1/4" hole and set $\pm 200'$ of 8-5/8" OD, 23#, limited service, range 3 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test the Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 11.6#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

RECEIVED

DEC 26 1989

OIL CON. DIV.
DIST. 3

"Approval of this action does
not warrant that the applicant
holds title or ownership rights
or title to this lease."

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new production 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

Elizabeth B. Keeshan

Vice-President

DATE 11/22/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

DEC 21 1989

AREA MANAGER

*See Instructions On Reverse Side

NMOC