

30-039-24601

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

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

1850' N, 730' W

14. 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

17. NO. OF ACRES ASSIGNED
TO THIS WELL

1480.56

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.1374' from
proposed BCO Bobby

19. PROPOSED DEPTH

5560'

20. ROTARY OR CABLE TOOLS

Rotary

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

6718' GL

B #4 DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLETION OF DATA ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM. This action is subject to technical and
procedural review and approval of the BLM and the relevant State and Federal agencies.
and approval of the relevant State and Federal agencies.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	23#	200'	150 sx (190 cu.ft.)
7-7/8"	4-1/2"	11.6#	5560'	1220 sx (2111 cu.ft.)

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 application does
not constitute a commitment of
funds or a guarantee of success
of this project."

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

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:

DEC 21 1989

AREA MANAGER

*See Instructions On Reverse Side

NMOCD

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BCO, Inc.			Lease Bobby B		Well No. 3
Unit Letter E	Section 31	Township 24 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well: 1850 feet from the North line and 930 feet from the West line					
Ground level Elev. 6718	Producing Formation Gallup		Pool Escrito Gallup Assoc.	Dedicated Acreage: 80.56 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

1850'		RECEIVED DEC 26 1989 OIL CON. DIV DIST. 3	
BCO SF-078534 930'	Section 31		

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature Elizabeth B. Keeshan

Printed Name Elizabeth B. Keeshan

Position Vice President

Company BCO, Inc.

Company 12-4-89

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed November 30, 1989

Signature & Seal of Professional Surveyor
EDGAR L. RISENHOVER
NEW MEXICO
5979
Certificate No. 5979
Edgar L. Risenhover

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Access road(s) ~~do~~ do not cross ~~Fed~~ Ind land.