

5 BLM

1 File 1 BCO

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-B1425.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

2020' FNL &amp; 900' FWL

At proposed prod. zone

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

approx. 1.25 miles SE of Escrito Trading Post, NM

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

2020'

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

13. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

approx. 1441'

from proposed Fed B#

## 16. NO. OF ACRES IN LEASE

2080

## 19. PROPOSED DEPTH

5900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7410' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and  
procedural review pursuant to 43 CFR 3185.3  
and appeal pursuant to 43 CFR 3185.4,  
QUANTITY OF CEMENT

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#	5900'	1285 sx (2227 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  
JAN 08 1990  
OIL CON. DIV.  
DIST. 3

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 BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

JAN 05 1990

AREA MANAGER

\*See Instructions On Reverse Side  
NMOCD



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

to Appropriate  
Office  
Lease - 4 copies  
Lease - 3 copies

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 <i>Federal</i> B		Well No. 9
Unit Letter E	Section 22	Township 23 North	Range 7 West	County Sandoval	
Actual Footage Location of Well: 2020 feet from the North line and 900 feet from the West line					
Ground level Elev. 7410	Producing Formation Gallup		Pool Lybrook Gallup Extension	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

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.  
Date  
11/22/89

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  
October 18, 1989

Signature & Seal of  
Professional Surveyor  
*Edgar E. Risenhoover*  
Certificate No. 5979  
Edgar E. Risenhoover

