

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other Instructions on
Reverse Side)

Form Approved
Budget Bureau No. 42-R1420

30-043-20852
LEASE DESIGNATION AND SERIAL NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NM-16586
G. IF INDIAN, ALLOTTEE OR TRIBE NAME

12. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

D. 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

1650' FNL & 2270' FEL
At proposed prod. zone

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

approx. 1 mile SW of Escrito Trading Post, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 950'
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE
1120

17. NO. OF ACRES ASSIGNED
TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED, approx. 10,700'
OR APPLIED FOR, ON THIS LEASE, FT. from BCO's Fed. I#1

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

GL 7380'

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED DRILLING AND CEMENTING PROGRAM				QUANTITY OF CEMENT GENERAL REQUIREMENTS
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24#	200'	150 sx (190 cu.ft.)
7-7/8"	4-1/2"	11.6#	6000'	1150 sx (1975 cu.ft.)

Plan to drill a 12-1/4" hole and set approx. 200' of 8-5/8" OD, 24#, 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 and N-80 casing, selectively perforate, frac, clean out after frac and complete well.

*APD previously submitted for 2250' FNL & 1750' FEL location, well moved because of archeological sites.

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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 TITLE President

DATE 10/11/90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

APPROVED
AS AMENDED

NMCOO

*See Instructions On Reverse Side

NOV 03 1990
AREA MANAGER

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 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 Federal I		Well No. 5
Unit Letter G	Section 21	Township 23 North	Range 7 West	County Sandoval
Actual Footage Location of Well: 1650 feet from the North line and 2270 feet from the East line				
Ground level Elev. 7380	Producing Formation Gallup	Pool Lybrook Gallup Ext	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatch 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

		1650'	
			2270'
		BCO, Inc. NM-16586	
Section 21			

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
President
Company
BCO, Inc.
Date
10/11/90

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
September 13, 1990

Signature & Seal of
Professional Surveyor
Edgar L. Risenhoover
NEW MEXICO
19979
Edgar L. Risenhoover

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OIL CON. DIV.
DIST. 3