

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-28373
NM-8005

NAME OF INDIAN ALLOTTEE OR TRUST NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Federal D

WELL NO.

9

FIELD AND POOL OR WILDCAT

South Bisti Gallup-Ext

SEC. T. R. M. OR S.E.
AND SURVEY OR AREA

Sec 3, T23N, R9W, NMPM

COUNTY OR PARISH

San Juan

STATE

NM

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

At proposed prod. zone 660' FSL & 690' FWL

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

Approximately 2.6 miles SW of Nageezi, NM

15. DISTANCE FROM PROPOSED*

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

690'

16. NO. OF ACRES IN LEASE

2406.65

18. DISTANCE FROM PROPOSED LOCATION* approx. 2494 ft.

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. from BCO's prpsd

Fed# 3

19. PROPOSED DEPTH

5000'

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

GL 6735'

23.

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

ASAP

SPECIAL CONDITIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	3-5/8"	24#	200'	150 sx (180 cu.ft.)
7-7/8"	4 1/2"	11.6#	5000'	1250 sx (1475 cu.ft.)

Plan to drill a 12 1/4" hole and set ±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.

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. Keesha
Elizabeth B. Keeshan

TITLE

President

DATE

10/11/90

(This space for Federal or State office use)

AS AME

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

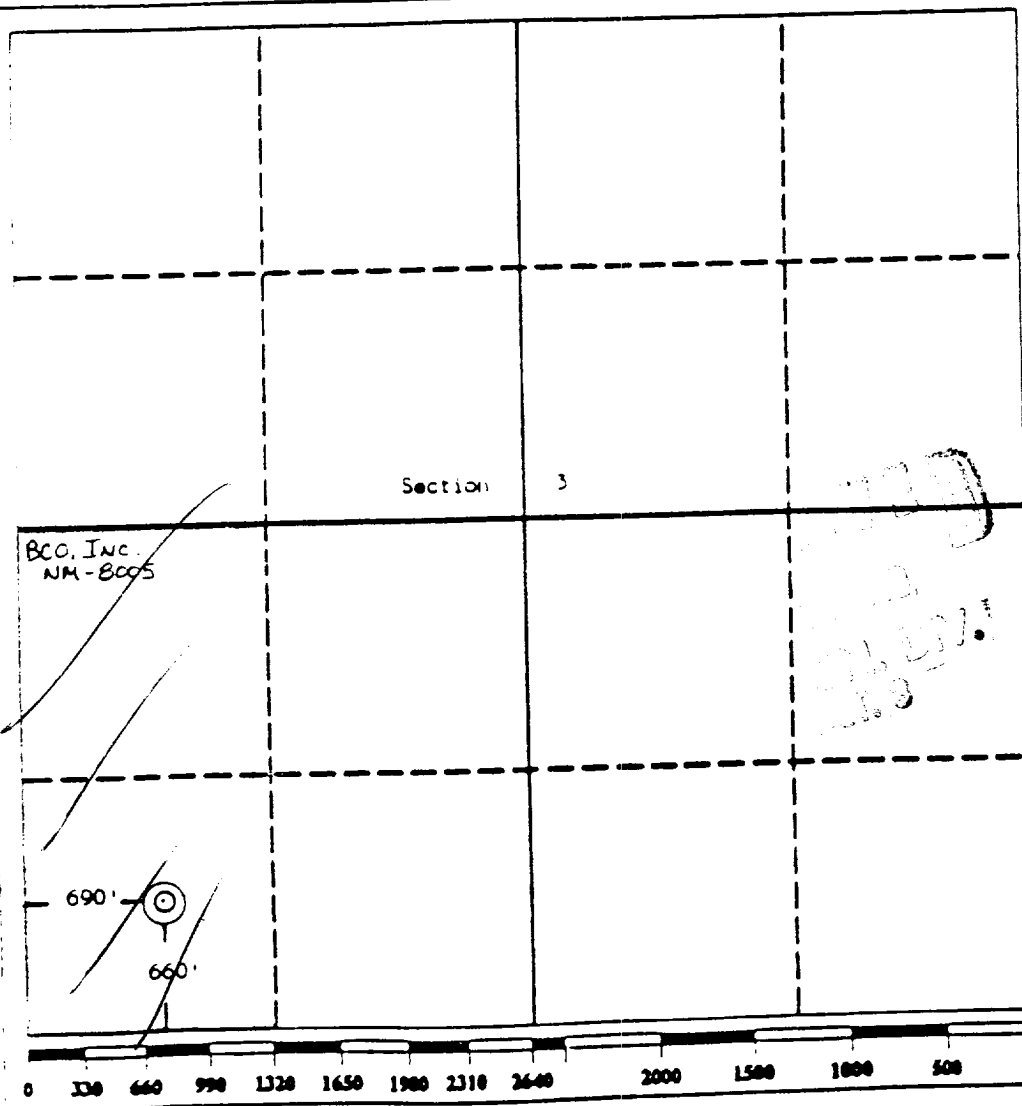
P.O. Box 2088
Santa Fe, New Mexico 87504-2088DISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BCO, Inc.		Lease Federal D		Well No. 9
Unit Letter M	Section 3	Township 23 North	Range 9 West	County San Juan
Actual Footage Location of Well: 660 feet from the South line and 690 feet from the West line				
Ground level Elev. 6735	Producing Formation Gallup	Pool South Bisti Ext	Dedicated Acreage: 40 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hectare 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
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
August 31, 1990

Signature & Seal of
Professional Surveyor
Edgar L. Risenhoover
Edgar L. Risenhoover
5979
REGISTERED LAND SURVEYOR