

30-039-22768

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 ☒MULTI
ZONE ☐

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant Avenue, Santa Fe, New Mexico 87501

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)

At surface

990 FNL 1840 FWL

Sec. 9 T23N R7W

At proposed prod. zone
same

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

Approximately 1 mile northwest of Escribano Trading Post, N.M.

15. DISTANCE FROM PROPOSED

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

800 ft.

16. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. Dunn # 4 See Ex. 5

1,000 ft.

19. NO. OF ACRES IN LEASE

1086 more or less

19. PROPOSED DEPTH

5900'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

20. ROTARY OR CAULE TOOLS

Rotary

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

GR

7207

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START

7-1-1981

23. PROPOSED PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8" new	23.00 # Par. 16	200'	150 sacks
7-7/8"	4-1/2" new	10.5 # Par. 16	5900'	1000 sacks cover Ojo Alamo Par. 17

As required by NTL-6 the following information is provided:

1. LOCATION -- See # 4 and # 11 above. Registered surveyors SIGNED plat attached.
2. ELEVATION -- See # 21 above.
3. SURFACE GEOLOGIC FORMATION -- Tertiary
4. TYPE OF DRILLING -- Rotary
5. PROPOSED DEPTH -- 5900'
6. ESTIMATED TOPS -- Ojo Alamo 1478, Kirtland 1587, Fruitland 1995, Pictured Cliffs 2131, Chacra 2556, Cliff House 3644, Menefee 3695, Point Lookout 4450, Mancos 4661, Gallup 5510
7. MINERAL BEARING -- It is anticipated water will be encountered from 100' below the surface to the base of the Ojo Alamo at about 1530'. It is our anticipation oil and/or gas will be found in the Gallup. Other formation tops listed in 6 above will probably carry water.
8. PROPOSED CASING -- Shown above paragraph 16 below.
9. PROPOSED DEPTH CASING -- It is anticipated casing will be set thru the total depth drilled of 5900'.

(continued #'s 10 thru 15 attached)

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

Harry R. Boyle

TITLE

President

DATE

5-29-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY;

NMOCC

*See Instructions On Reverse Side

APPROVED
APPROVEDDATE
E. A. Schmidt
FOR
F. SIMS
DISTRICT ENGINEER
SUPERVISOR

OIL CONSERVATION DIVISION

SF-078272

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

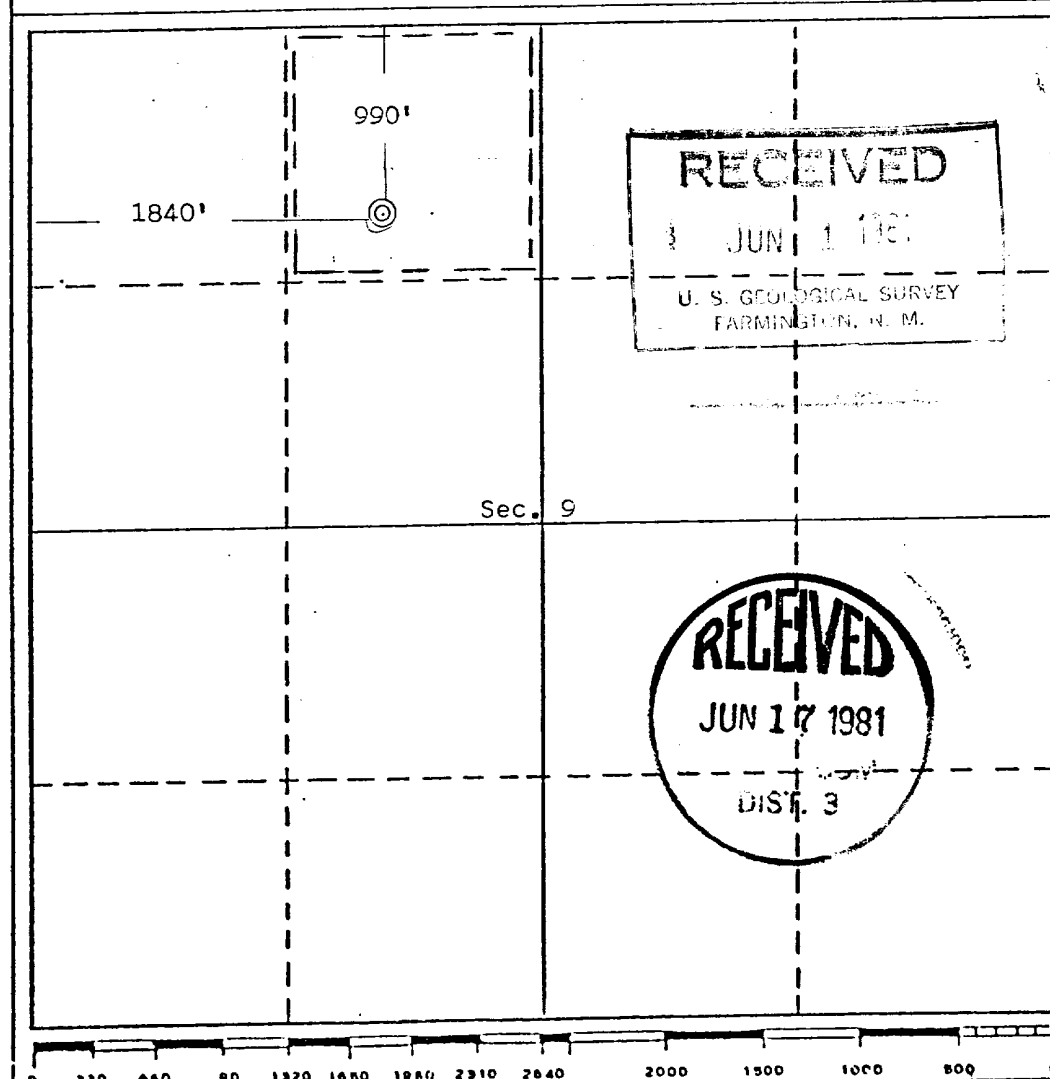
Operator BCO Inc.			Lease Dunn			Well No. 5		
Unit Letter C	Section 9	Township 23 North		Range 7 West	County Rio Arriba			
Actual Footage Location of Well: 990 feet from the North line and 1840 feet from the West line								
Ground Level Elev. 7207	Producing Formation Gallup		Pool Lybrook Gallup			Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Division.



CERTIFICATION

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

Harry R. Bigbee
Name
Harry R. Bigbee

Position
President

Company
BCO, Inc.

Date
5-27-81

I hereby certify that the location shown on this plat was plotted from field notes of actual survey 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
May 22, 1981

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, L.S.

Dunn # 4
Dunn # 5
Dunn # 6
Dunn # 7
Dunn # 8

760 FNL 860 FWL
930 FNL 1940 FWL
2120 FNL 2130 FWL
1740 FSL 2160 FWL
1980 FNL 600 FWL

