

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22770

5. LEASE DESIGNATION AND SERIAL NO.

SF-078272

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☒

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 any State requirements.)

At surface

1980 FNL

600 FWL

Sec. 9 T23N R7W

At proposed prod. zone

same

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

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

15. DISTANCE FROM PROPOSED*

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

600 ft.

16. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, 1,260 ft.

OR APPLIED FOR, ON THIS LEASE, FT.

Dunn # 4 See Ex. 5

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

GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

GENERAL REQUIREMENTS DRILLING PROGRAM

22. APPROX. DATE WORK WILL START*

7-1-1981

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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 to 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, Manefee 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.
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. Bugh

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

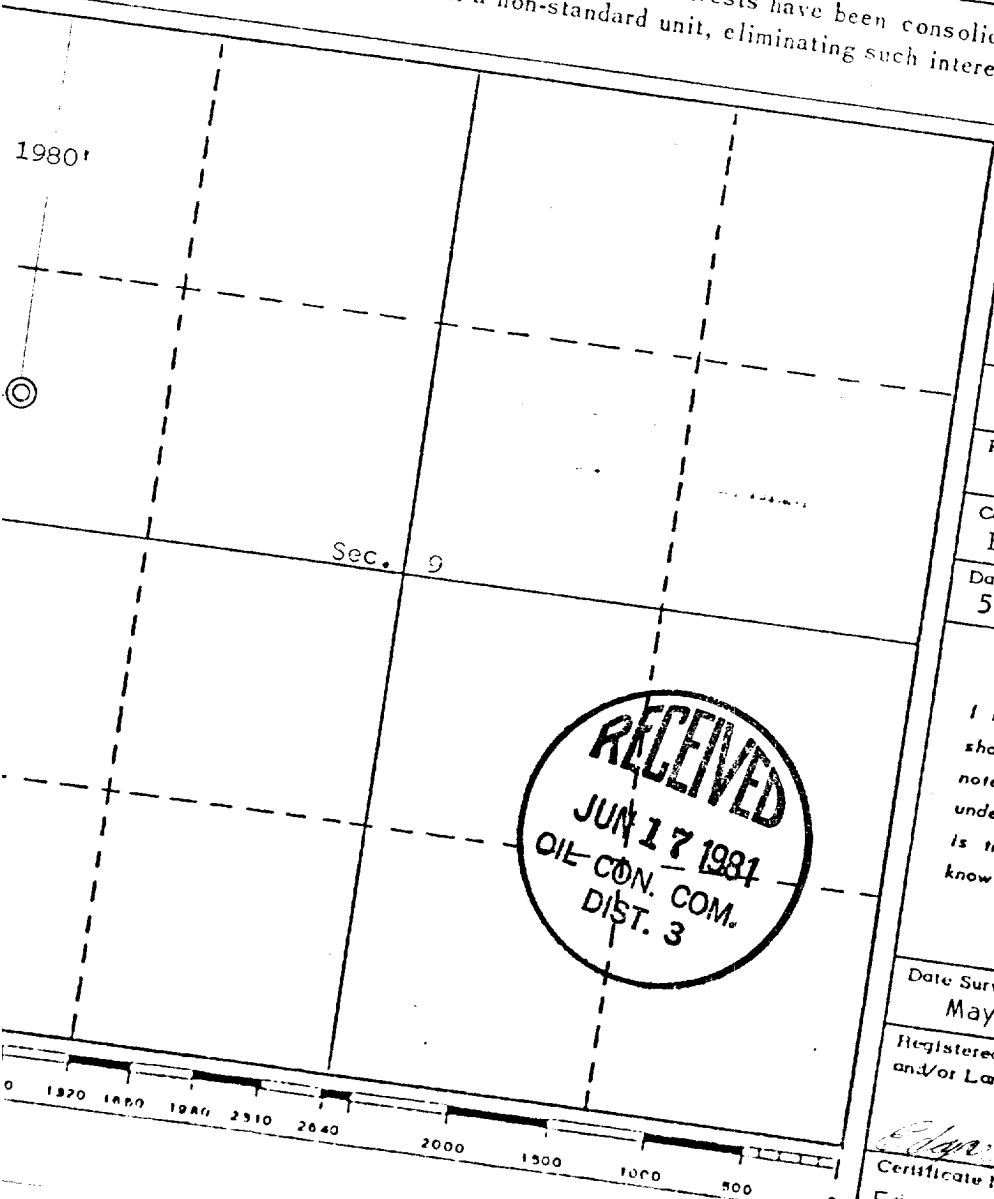
APPROVED
AS AMENDED

DATE 7 1 1981
JAMES F. SIMS
DISTRICT ENGINEER
SUPERVISOR

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

Operator BCO Inc.		Section 9		Township 23 North		Lease Dunn		Well No. 8	
Unit Letter E		Actual Footage Location of Well: 1980		Range 7 West		County Rio Arriba			
Ground Level Elev. 7191		Producing Formation Gallup		Line and 600		feet from the West		Dedicated Acreage: 40 Acres	
				Pool Lybrook Gallup					

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 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, force-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.	
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 in the 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.	
EDGAR L. RISENHOVER REGISTERED LAND SURVEYOR NEW MEXICO 5979	
Date Surveyed	May 22, 1981
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	5979
Edgar L. Risenhoover, L.S.	