

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

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, NM 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal regulations.)

At surface
1900' FSL 1970' FWL Sec 12 T24N R8W San Juan County
At proposed prod. zone Graneros, Greenhorn, Gallup - See estimated
tops paragraph 6 below.

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

Approximately 8 miles northwest of Escrito Trading Post, NM

15. DISTANCE FROM PROPOSED*

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

670 feet

16. NO. OF ACRES IN LEASE

480 more or less

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Nancy 3

+ or - 1000 feet

19. PROPOSED DEPTH

7,000 feet

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 7260

22. APPROX. DATE WORK WILL START*

June 20, 1983

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAMThis 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 feet	150 sacks -See Par.17 Attached
7-7/8"	4-1/2" new	11.6# Par.16	6,200 feet	1000 + sacks-circulate to surface
				See Par. 17 attached

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

1. LOCATION -- See #4 and #11 above. Registered surveyors plat attached.
2. ELEVATION -- See #21 above.
3. SURFACE GEOLOGIC FORMATION -- Tertiary
4. TYPE OF DRILLING -- Rotary
5. PROPOSED DEPTH -- 7000'
6. ESTIMATED TOPS -- Ojo Alamo 1848', Kirtland 2038', Fruitland 2490', Pictured Cliffs 2590', Chacra 2990', Cliff House 4090', Menefee 4162', Point Lookout 4870', Mancos 5042, Gallup 5938, Greenhorn 6854, Graneros 6916
7. MINERAL BEARING -- It is anticipated water will be encountered from 100' below the surface to the base of the Ojo Alamo. It is our anticipation oil and/or gas will be found in the Gallup, Greenhorn and Graneros. Other formation tops listed in #6 above will probably carry water.

(continued #'s 8 through 17 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.

SIGNED

Harry R. B...

TITLE

President

DATE

6/1/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

JUN 27 1983

JAMES F. SIMS
DISTRICT ENGINEER

NMOCB

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-79

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

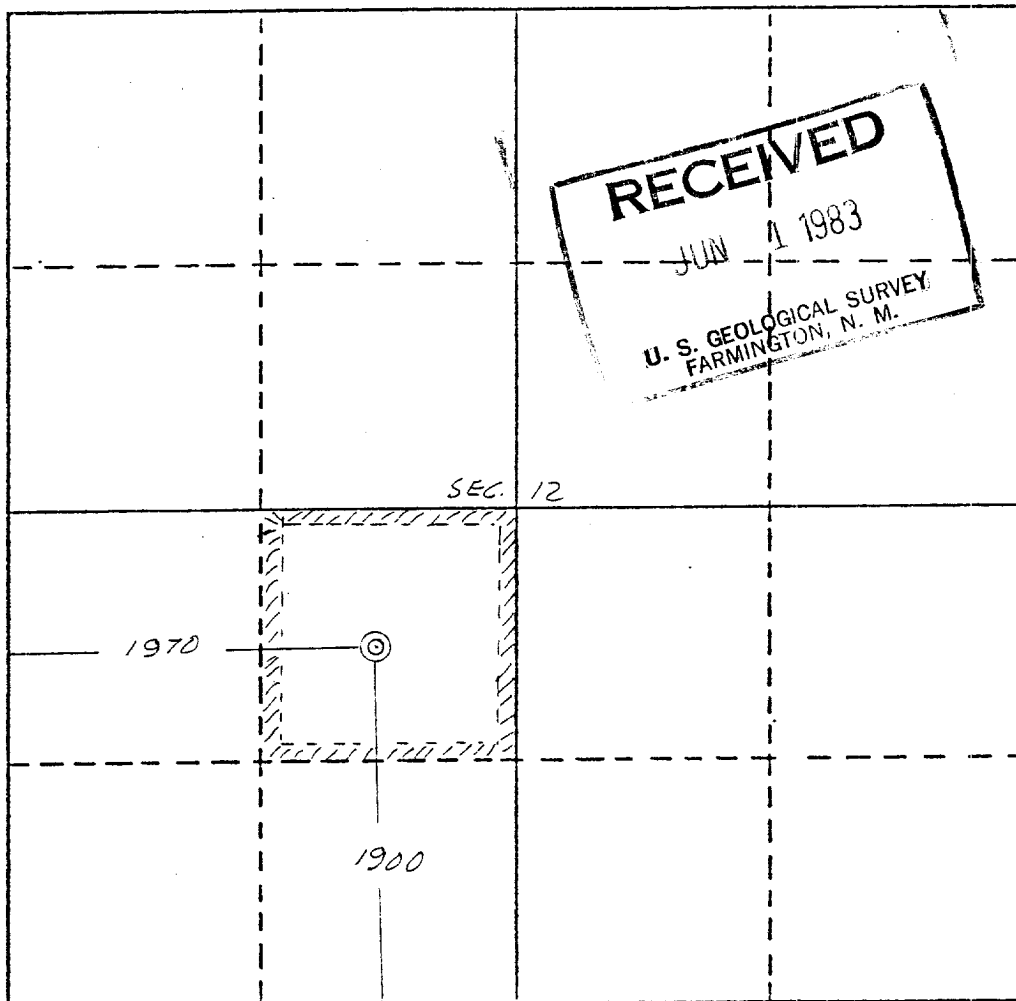
Operator BCO, Inc.			Lease Nancy		Well No. 5
Unit Letter K	Section 12	Township 24 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 1900 feet from the South line and 1970 feet from the West line					
Ground Level Elev. 7260	Producing Formation Gallup-Green Horn, Graneros		Pool Dufers Point <i>Col. Del</i>	Dedicated Acreage: 40 Acres	

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, 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.

Name
William Barnes

Position
Office Manager

Company
BCO, Inc.

Date
June 1, 1983

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
May 28, 1983

Registered Professional Engineer
and/or Land Surveyor

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

