

Form 9-831 C  
(May 1963)

SUBMIT IN TRIPLICATE\*

Form approved.  
Budget Bureau No. 42-B1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYRECEIVED  
DIST 3LEASE DESIGNATION AND SERIAL NO.  
NM - 03595

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐OIL/GAS 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, Santa Fe, NM 87501

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 350 FSL 1630 FWL Sec 17 T24N R7W Rio Arriba County

At proposed prod. zone

Same

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

Approximately 7 1/2 mi. 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)

310 feet

## 16. NO. OF ACRES IN LEASE

960 acres

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80 acres

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1580 feet

## 19. PROPOSED DEPTH

6,200 feet

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GR 7270

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

6-1-1983

23. "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	
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 -- 6200'
6. ESTIMATED TOPS -- Ojo Alamo 1825, Kirtland 2005, Fruitland 2355, Pictured Cliffs 2500  
Chacra 2963, Cliff House 4020, Menefee 4085, Point Lookout 4825  
Mancos 5055, Gallup 5873
7. MINERAL BEARING -- It is anticipated water will be encountered from 100' below the  
surface to the base of the Ojo Alamo at about 1825'. 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 and paragraph 16 attached.

(continued #'s 9 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.

24.

SIGNED Harry R. Bugh TITLE President DATE April 29, 1983

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

H&amp;S C.O. for ASL

Joint with #12

ad2

NMOCC

APPROVED  
AS AMENDED  
James R. Smith  
JUR  
JAMES R. SMITH  
DISTRICT ENGINEER

All distances must be from the boundaries of the Section.

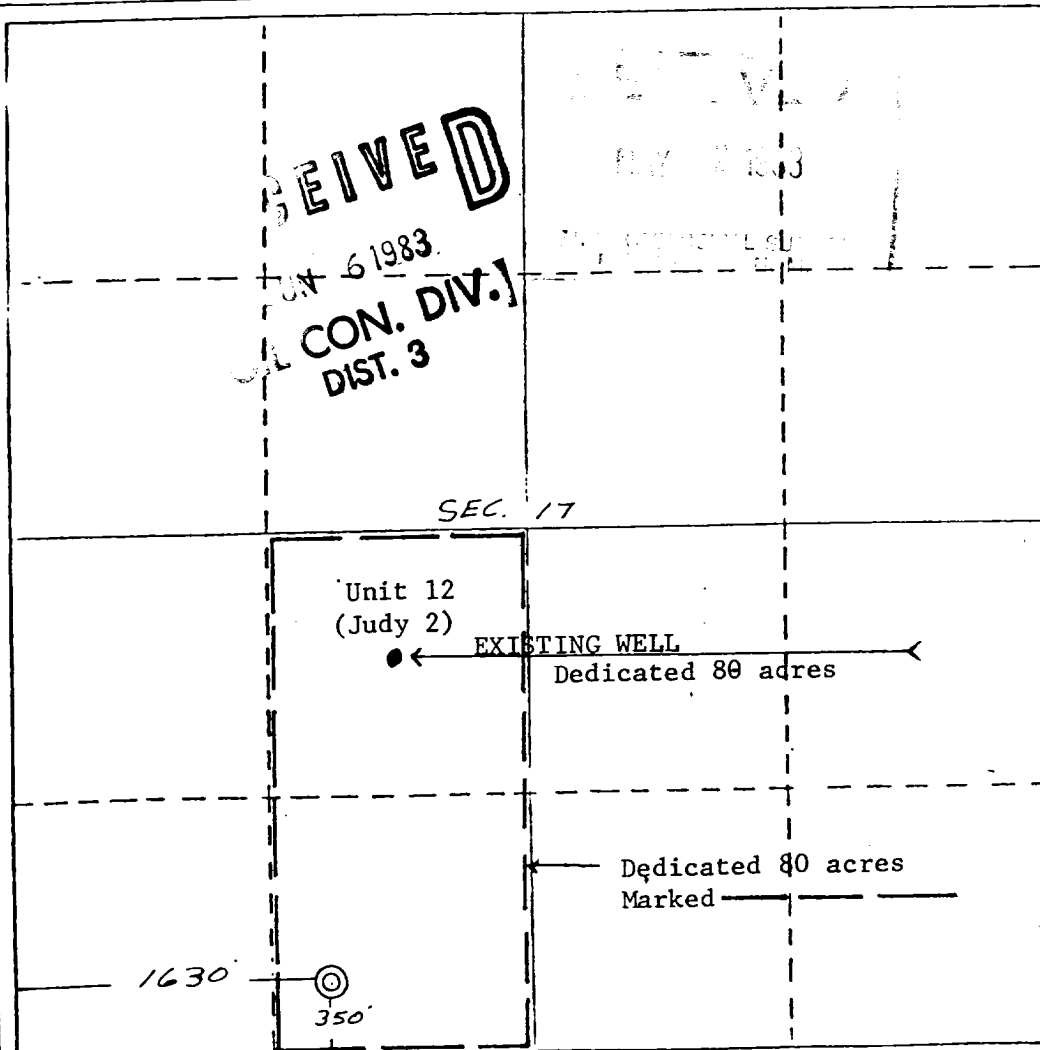
Operator BCO, Inc.		Lease Escrito Gallup Unit		Well No. 23 ( <del>10033</del> )
Unit Letter N	Section 17	Township 24 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 350 feet from the South line 1650 feet from the West line				
Ground Level Elev. 7270	Producing Formation Gallup	Post Escrito Gallup	Dedicated Acreage: Joint - 80 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 L. Bigbee*

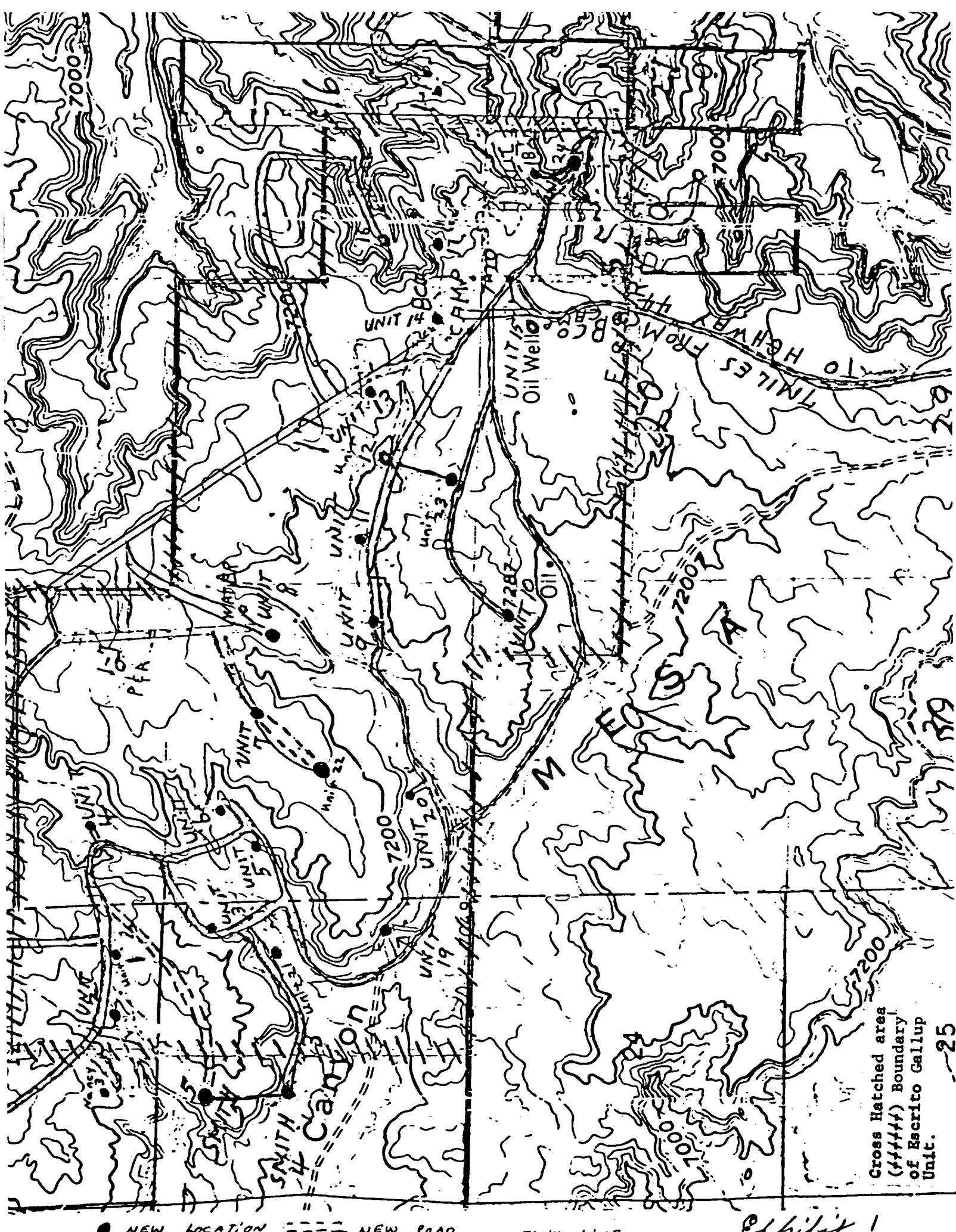
Name	Harry L. Bigbee
Position	Chairman
Company	BCO, Inc.
Date	April 27, 1983

EDGAR L. RISENHOOVER  
NEW MEXICO  
5979  
REGISTERED LAND SURVEYOR  
I hereby certify that the well location shown on this plat was taken from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed	April 21, 1983
Registered Professional Engineer and/or Land Surveyor	Edgar L. Risenhoover

*Edgar L. Risenhoover*  
5979

Edgar L. Risenhoover, L.S.



● NEW LOCATION --- NEW ROAD

Cross Hatched area  
(// // // //) Boundary  
of Escrito Gallup  
Unit.

