

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## 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 ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

BCO, INC.

## 3. ADDRESS OF OPERATOR

135 Grant Ave., Santa Fe, New Mexico 87501

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

At surface

860' FEL 1810' FSL, Sec. 27; T24N R7W, Rio Arriba County

At proposed prod. zone

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

Approximately 4 miles North of Escrito Trading Post, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 490 feet.

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1330 feet.

## 16. NO. OF ACRES IN LEASE

2558

## 19. PROPOSED DEPTH

5780

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N 80

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GR 6835

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

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

7/18/84

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

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
12 1/4"	8 5/8" New	24# 8 Rd	200'±	150 Sacks Class H
7 7/8"	4 1/2" New	11.6# N-80	5780	1525 Sacks Class H

Drill surface hole to 200'±. Cement to surface with approximately 150 Sacks Class H, 3% CaCl<sub>2</sub>, 1/4# flocele. Drill 7 7/8" hole to TD 5780'. Run 4 1/2" casing to TD. Cement to be as follows:

First Stage: 10 Bbls. of mud flush, 175 Sacks Class H 2% CaCl<sub>2</sub>, 8# salt, 1/2# flocele, 6 1/4# gilsonite, mixed at 15.2#'s. Yield 1.36 cubic feet per sack for a total of 238 cubic feet. Top of cement will be reported on subsequent Sundry Notice based on the cement log.

Second Stage: 10 Bbls. of water, 1000 gallons of FLO CHECK, 5 Bbls. of water, approximately 1350 sacks of 65/35 Class H, 3% gel, 12 1/2# gilsonite, 5.6# salt, 8.2 Calseal mixed at 13.35#'s. Yield 1.68 cubic feet per sack. Plan to circulate to surface. Actual Second Stage size will be determined after caliper log determines area to be cemented.

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 flowout preventer program, if any.

## 24.

SIGNED

Harry R. B.

TITLE President

(This space for Federal or State permit number)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

OIL CON. DIV.  
DIST. 3

TITLE

H11000

APPROVED

DATE 6/19/84

AS AMENDED

JUL 17 1984

/s/ J. Stan McKee

DATE

AREA MANAGER  
FARMINGTON RESOURCE AREA

## OIL CONSERVATION DIVISION

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 <b>BCO Inc.</b>			Lease <b>Lybrook 7-27</b>		Well No. <b>#2</b>
Unit Letter <b>I</b>	Section <b>27</b>	Township <b>24 North</b>	Range <b>7 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
1810 feet from the		South line and	860 feet from the		East line
Ground Level Elev. <b>6835</b>	Producing Formation <b>Gallup</b>		Pool <b>Escrito Gallup</b>		Dedicated Acreage: <b>80</b> 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.

<b>RECEIVED</b> <b>JUL 19 1984</b> <b>OIL CON. DIV.</b> <b>DIST. 3</b>		<b>RECEIVED</b> <b>JUN 21 1984</b> <b>BUREAU OF LAND MANAGEMENT</b> <b>NEW MEXICO</b>	
<b>Sec. 27</b>		<b>860</b>	
<b>1810</b>		<b>1810</b>	

## 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

Date  
June 19, 1984

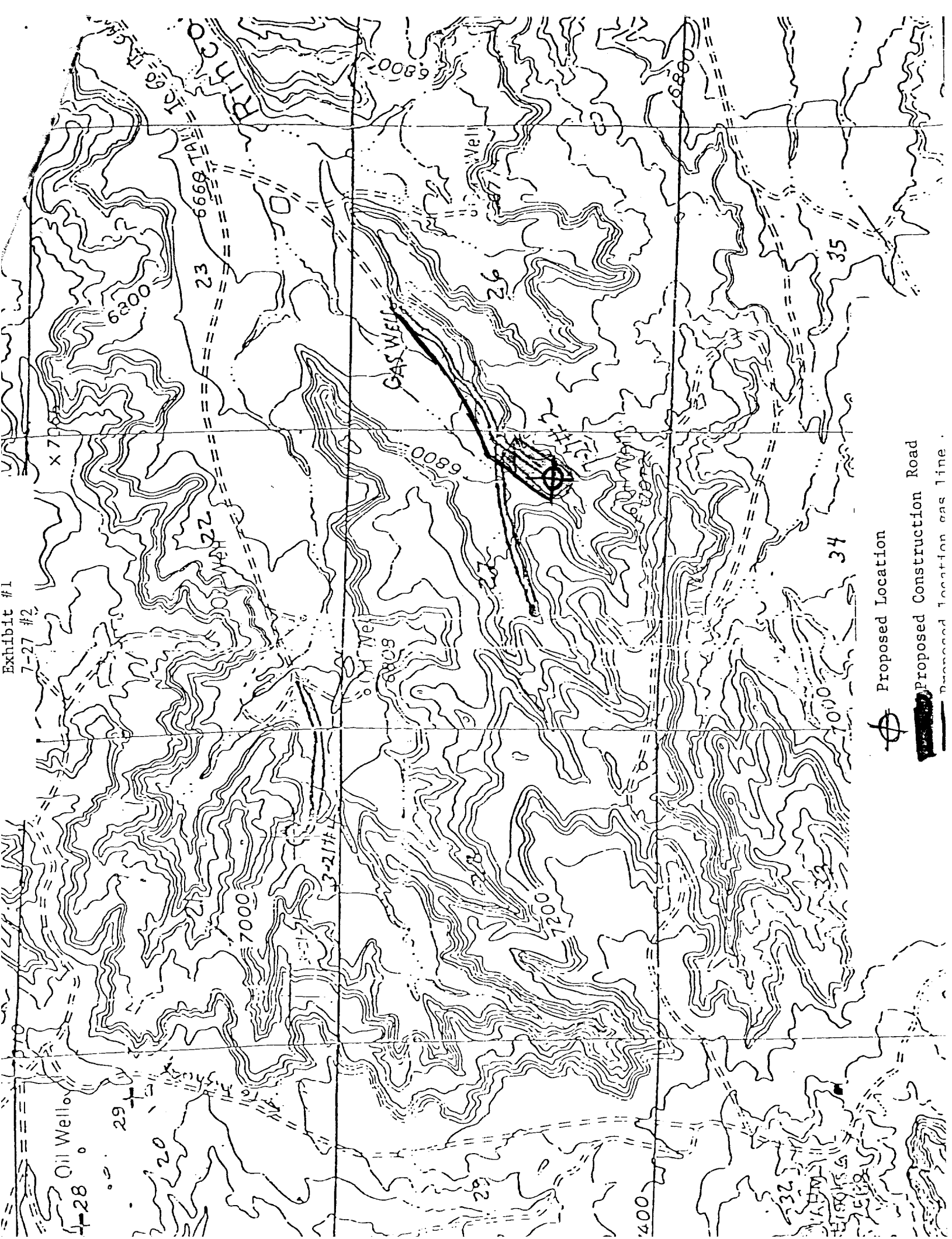
I hereby certify that the location shown on the plat is correct to the best of my knowledge and belief.

Date Surveyed  
June 11, 1984

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certificate No. 5979

Exhibit #1  
7-27 #2



⊕ Proposed Location

--- Proposed Construction Road

--- Proposed Location gas line