

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Bco, Inc.

4. ADDRESS OF OPERATOR

P.O. Box 669 Santa Fe, New Mexico 87501

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1850' FSL and 990' FEL Sec. 33 T23N R7W

At proposed prod. zone

Same

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

Approximately 6 miles south and 9 miles east of Nageezi, NM

7. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

(Give to nearest csg. unit line, if any)

990'

8. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETED,
OR ABANDONED, ON THIS PLAT, ET.

1730

9. NO. OF ACRES IN LEASE

1120

10. PROPOSED DEPTH

5200' Gallup

11. NO. OF ACRES ASSIGNED
TO THIS WELL

40

12. REPORT OF CABLE TOOLS

Rotary

13. ELEVATIONS (Give words DE, FT, GR, etc.)

6866' GR.

14. COUNTY OR PARISH

Sandoval

NM

15. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" NEW	24.00#	140'	75 sacks
6 3/4"	4 1/2" NEW	10.50#	5200	At least 200 sacks

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

1. LOCATION -- See #4 & #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 -- Base of Gallup which is approximately 5200'.
6. ESTIMATED TOPS -- Kirkland 1000, Pictured Cliffs 1400', Chacra 1800', Cliff House 3000', Point Lookout 3800', Mancos 3950', Gallup 4900'.
7. MINERAL BEARING -- It is anticipated water will be encountered from 100' below the surface to the base of the Ojo Alama at about 850'. It is our anticipation oil and or gas will be found in the Chacra and Gallup. Other formation tops listed in 6 above will probably carry water.

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 prevention program, if any.

24. SIGNED Harry R. Byrd TITLE President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE 5-23-78

RECEIVED

MAY 24 1978

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

NM-16586

Form C-102
Supersedes C-128
Effective 1-1-65

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

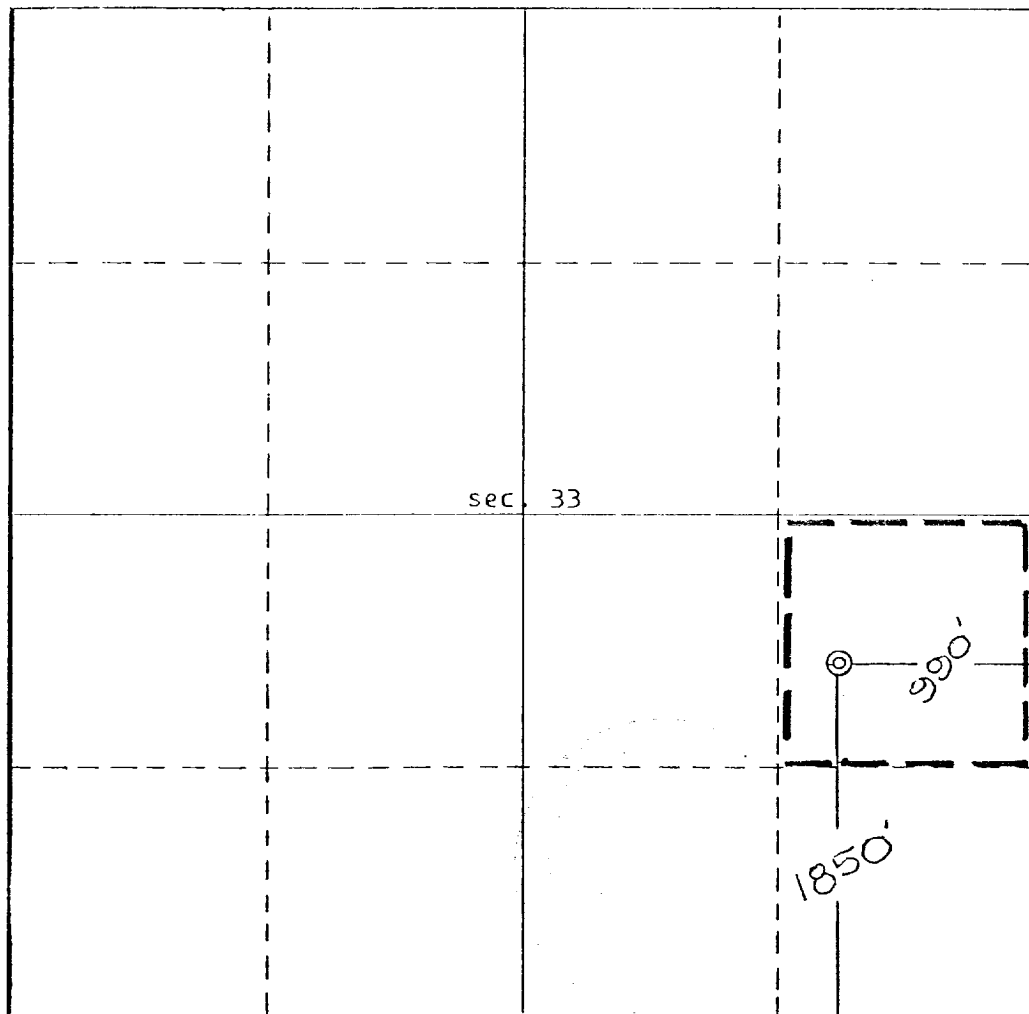
Operator BCO, Inc.			Lease Federal I		Well No. 2
Unit Letter I	Section 33	Township 23 North	Range 7 West	County Sandoval	
Actual Footage Location of Well: 1850 feet from the South line and 990 feet from the East line					
Ground Level Elev. 6866	Producing Formation Gallup		Pool Undesignated		Dedicated 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 Commission.



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

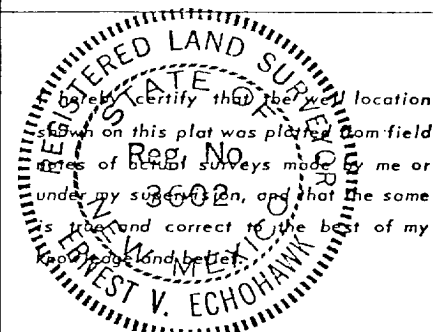
President

Company

Bco, Inc.

Date

5-18-78



Date Surveyed

April 4, 1978

Registered Professional Engineer
and/or Land Surveyor

E.V. Echohawk

Certificate No. 3602

E.V. Echohawk LS

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

R7M

EXHIBIT #1

R7M

BCO, INC.
B#2 through B#6 NM-6682
I#1 through I#4 NM-16586

I#2
NM-16586

