

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' FNL 1700' FEL Sec. 33 T23N R7W

6. PREVIOUS PRODUCTION
Same

7. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Approximately 6 miles south and 9 miles east of Nageezi, NM

8. DISTANCE FROM PROPERTY TO NEAREST PROPERTY OF OTHER LINE, FT.
1700'

9. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DEPTH, COMPLETED, OF OTHER LINE, ON THIS PLAT, FT.
1730'

10. PROPOSED DEPTH
5200' Gallup

11. PROPOSED TYPE OF DRILLING
Rotary

12. APPROX. DATE WORK WILL START
7-1-78

13. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SLIDING BEAR	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 NTL-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.

SIGNED Harry R. Bayless TITLE President DATE 5-22-78
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE MAY 24 1978

APPROVED BY U.S. GEOLOGICAL SURVEY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

U.S.

30-043-20334

5. LEASE DESIGNATION AND SERIAL NO.

NM-16586

6. HORIZONTAL, ALLOTMENT OR TRACT NAME

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME

Federal I

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

11. SEC. T. R. M. OR BLK. AND SURVEY OR ADJUT.

Sec. 33 T23N R7W

12. COUNTY OR PARISH 13. STATE

Sandoval NM

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. PROPOSED DEPTH

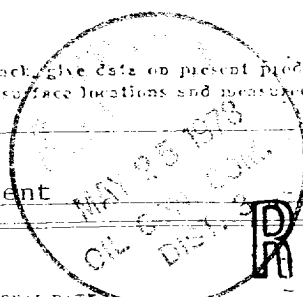
20. ROTARY OR CABLE TOOL

Rotary

22. APPROX. DATE WORK WILL START

7-1-78

GR. 6888



RECEIVED

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

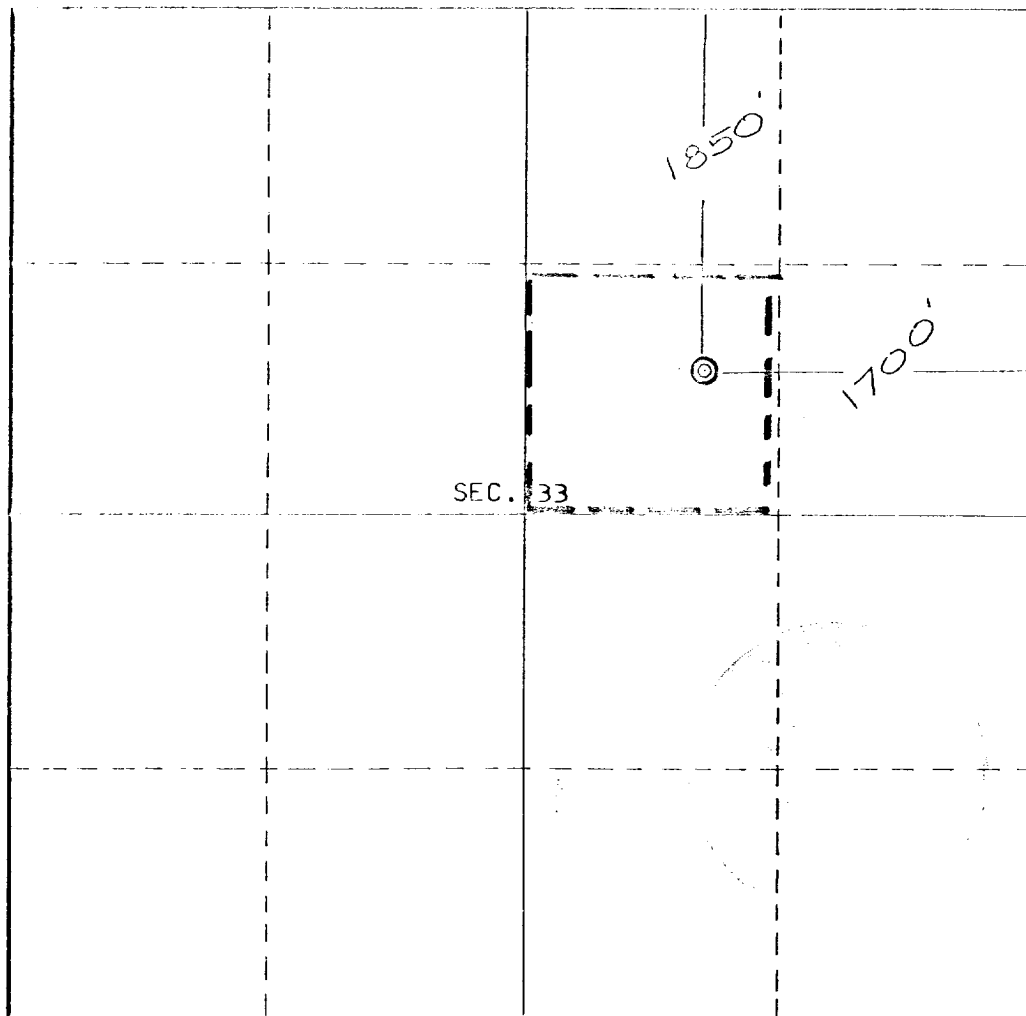
Operator BCO, Inc.		Lease Federal I		Well No. 1
Unit Letter G	Section 33	Township 23 North	Range 7 West	County Sandoval
Actual Postage Location of Well:				
1850 feet from the North line and		1700 feet from the East line		
Ground Level Elev. 6888	Producing Formation Gallup	Pool Undesignated	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

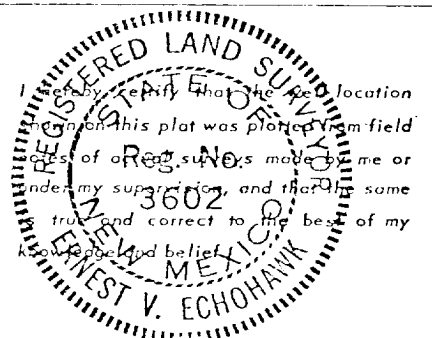
Harry R. Bigbee
Name

Harry R. Bigbee

Position
President

Company
Bco, Inc.

Date
5-22-78



Date Surveyed
May 19, 1978

Registered Professional Engineer
and/or Land Surveyor

E.V. Echohawk

Certificate No. 3602
E.V. Echohawk LS



8M

R7W

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

R7W

I#1
NM-16586

