

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAPPLICATION FOR PERMIT TO DRILL, DEEPEN, **RECEIVED**
PLUG BACK

30-039-22769

6. LEASE DESIGNATION AND SERIAL NO.

SF-078272

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. PAID OR LEASE NAME

Dunn

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Lybrook Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA:

D/ Sec. 9 T23N R7W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONMULTIPLE
ZON

CON. COM.

DIST. 3

2. NAME OF OPERATOR

BCO, Inc.

3. ADDRESS OF OPERATOR

135 Grant Avenue, Santa Fe, New Mexico 87501

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

At surface

706 FNL

760 FWL

Sec. 9 T23N R7W

At proposed prod. zone

same

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

Approximately 1 mile northwest of Escrito Trading Post, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 700 feet
(Also to nearest dip. unit line, if any)

16. NO. OF ACRES IN LEASE

1086 more or less

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

15. DISTANCE FROM PROPOSED*

TO NEAREST WELL, DRILLING, COMPLETED, 1,000 feet
OR ADDED FOR, ON THIS LEASE, FT. Dunn # 5 See Ex. 5

19. PROPOSED DEPTH

5900'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR

7176 7178

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

7-1-1981

23.

PROPOSED GENERAL REQUIREMENTS

This 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'

7-7/8"

4-1/2" new

10.5 # Par. 16

5900'

150 sacks- See Par. 17 below

1000 sacks cover Ojo Alamo Par. 17

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

1. LOCATION -- See # 4 and # 11 above. Registered surveyors signed plat attached.
2. ELEVATION -- See # 21 above.
3. SURFACE GEOLOGIC FORMATION -- Tertiary *certified plat on re-surveyed location will be submitted when received.*
4. TYPE OF DRILLING -- Rotary
5. PROPOSED DEPTH -- 5900'
6. ESTIMATED TOPS -- Ojo Alamo 1478, Kirtland 1587, Fruitland 1995, Pictured Cliffs 2131, Chacra 2556, Cliff House 3644, Menefee 3695, Point Lookout 4450, Mancos 4661, Gallup 5510
7. MINERAL BEARING -- It is anticipated water will be encountered from 100' below the surface to the base of the Ojo Alamo at about 1530'. 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 *paragraph 16 below.*
9. PROPOSED DEPTH CASING -- It is anticipated casing will be set thru the total depth drilled of 5900'.

(continued #'s 10 thru 15 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. Bigh

TITLE President

DATE

5-27-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions On Reverse Side

APPROVED
RECOMMENDED

DATE

Dean Elliott
FOR F. SIMS
DISTRICT ENGINEER

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 BCO Inc.		Lease Dunn		Well No. 4	
Unit Letter D	Section 9	Township 23 North	Range 7 West	County Rio Arriba	
Actual Footage Location of Well: 700 feet from the North line and 960 feet from the West line					
Ground Level Elev. 7178	Producing Formation Gallup		Pool Lybrook Gallup		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 Division.

700'		960'	
960'		700'	
Sec. 9		RECEIVED JUN 3 1981 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	
RECEIVED JUN 17 1981 OIL CON. COM. DIST. 3			

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Harry R. Bigbee

Position

President

Company

BCO, Inc.

Date

6-2-81

I hereby certify that the location shown on this plat was made by me or under my supervision and that the same is correct to the best of my knowledge.

Date Surveyed

May 31, 1981

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator BCO Inc.		Lease Dunn		Well No. 4
Unit Letter D	Section 9	Township 23 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well:				
100 feet from the North line and		960 feet from the West line		
Ground Level Elev. 7175	Producing Formation Gallup	Pool Lybrook Gallup	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Division.

<p>700</p> <p>960</p> <p>THE STAKED LOCATION OF THIS WELL WAS MOVED 100' EAST AND "SHOW AND TELL" ON MAY 23, 1981. THIS PLAT SHOWS THE CORRECTED LOCATION ON THE Sec. 9 GROUND AND WILL RE-STAKE THE EXACT LOCATION ON THE Sec. 9 GROUND AND WILL</p>		<p>SUBMIT A NEW PLAT TO US SHORTLY THERE AFTER, WE WILL FILE A SUNDRY NOTICE WITH THE NEW ELEVATION AND PLAT AS SOON AS WE RECEIVE IT.</p>	
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CERTIFICATION

WILL BE CERTIFIED WHEN NEW PLAT IS FILED.
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

5-27-81

I hereby certify that the location shown on this plat was plotted from field notes of actual survey 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 22, 1981

Registered Professional Engineer and/or Land Surveyor WILL BE RE-SURVEYED & CERTIFIED.

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.