

5 BLM 1 File
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-B1425.

30-039-24220

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			
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 2310' FSL & 820' FWL At proposed prod. zone			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* approx. 1/2 mi. north of Lybrook, NM			
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
330'		1086 more or less	40/100 300/100
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
approx. 1700' from Dunn #2		7041'	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7441' GL			22. APPROX. DATE WORK WILL START* ASAP
23. PROPOSED CASING AND CEMENTING PROGRAM This action is subject to technical and procedural review pursuant to 40 CFR 2105.3 and appeal pursuant to 40 CFR 2105.4.			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	23#	200'
7-7/8"	4-1/2"	11.6#	7041'
			190 cu. ft. circ. to surface
			2773 cu. ft. circ. to surface

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 23#, new surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Gallup and Graneros formations. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 11.6#, new N-80 casing, selectively perforate, frac, clean out after frac and complete well.

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 Elizabeth B. Keeshan TITLE Vice-President DATE 5-6-88
Elizabeth B. Keeshan
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

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

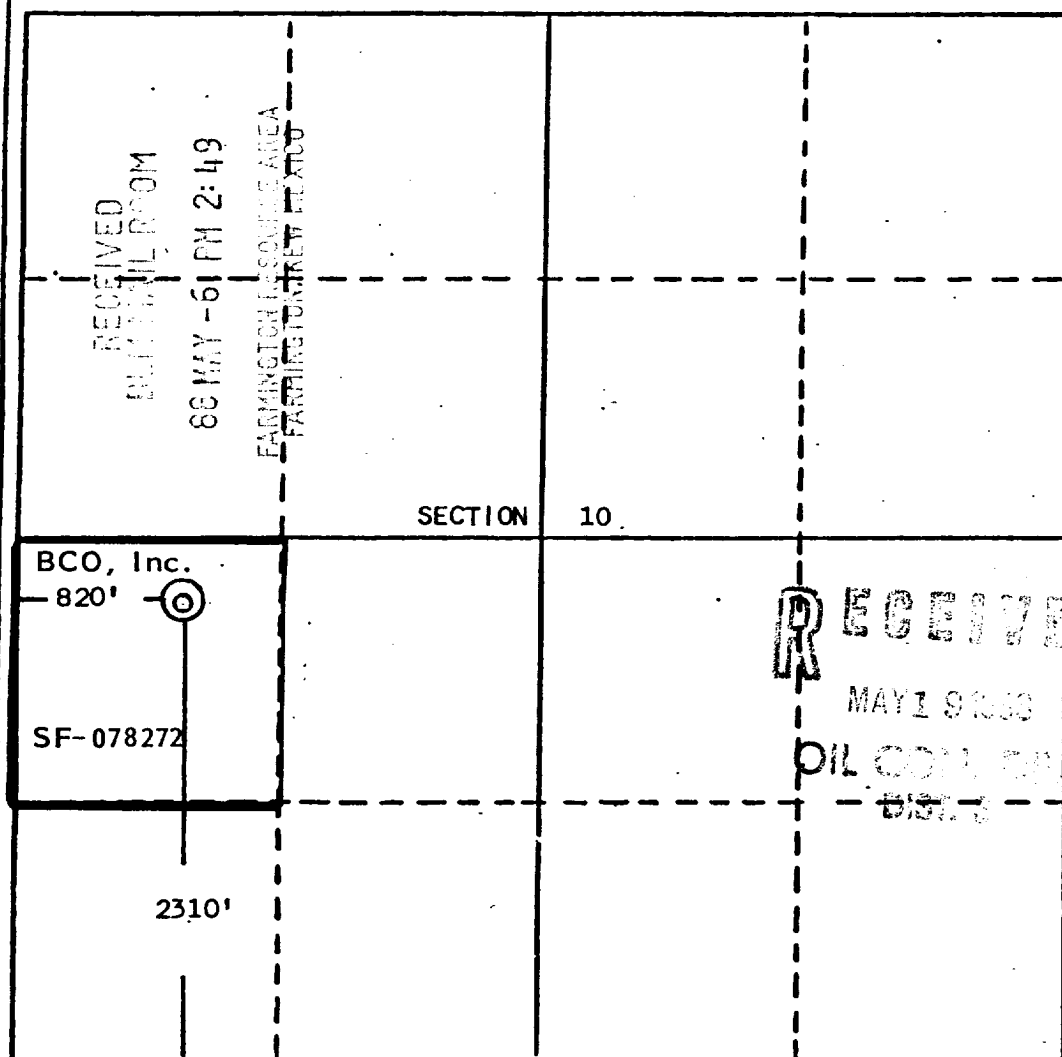
Operator BCO, Inc.		Lease Dunn		Well No. 14
Unit Letter L	Section 10	Township 23 North	Range 7 West	County Rio Arriba
Actual Footage Location of Well: 2310' feet from the South line and 820 feet from the West line				
Ground Level Elev. 7441	Producing Formation Gallup/Graneros	Pool Lybrook Gallup/ Undes. Graneros	Dedicated Acreage 26.74 / 10.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Elizabeth B. Keeshan

Name
Elizabeth B. Keeshan
Position
Vice-President

Company
BCO, Inc.

Date
5-6-88

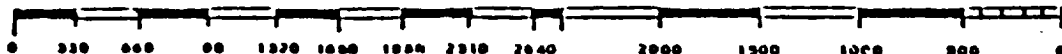
EDGAR L. RISENHOOVER
NEW MEXICO
5979
I hereby certify that the well location shown on this plat is correct from field notes and that the same is correct to the best of my knowledge and belief.

Date Surveyed
April 23, 1988

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979
Edgar L. Risenhoover, L.S.





BCO, Inc. - Dunn #14

Existing Roads

Exhibit E

Vicinity of nearest town or reference pt.
See Vicinity Map (Exhibit V)

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Lybrook, N.Mex.
N3607.5-W10730/7.5, 1966, 7.5 min.

BCO, Inc. - Dunn #14

Planned Access Road(s)

Exhibit E

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills _____

Surfacing material _____

↳ Turnouts

▢ Culverts

▨ Gates

≡ Cattleguards

/// Fence cuts

**NO ACCESS ROAD
REQUIRED**

Access road(s) do/do not cross Fed/Ind land.