

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
V-1697

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 Avenue, Santa Fe, N.M. 87501

4. Location of Well

UNIT LETTER E

LOCATED 1980

FEET FROM THE

North

LINE

AND 760

FEET FROM THE

West

LINE OF SEC. 32

TWP. 23N

RGE. 7W

NMPM

7. Unit Agreement Name

Alamito Unit

8. Farm or Lease Name

9. Well No.

3

10. Field and Pool, or Wildcat

Alamito Gallup Ext

12. County

Sandoval

19. Proposed Depth

5150

19A. Formation

Gallup

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

6850 GR

21A. Kind & Status Plug. Bond

\$50,000 statewide bond on file with OCD

21B. Drilling Contractor

Walters Drilling Co.

22. Approx. Date Work will start

August 20, 1987

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8 new	23.0	200	150	Circulate
7-7/8	4-1/2 new	11.6	5150	1000	Circulate

Propose to drill 12-1/4" hole approximately 200' and run approximately 200' of 8-5/8" casing which will be cemented with approximately 150 sacks of cement. We will drill 7-7/8" hole to approximately 5150'. Intend to run Induction Electric Gamma Log and Density Neutron Log. Will cement approximately 5150' of 4-1/2" casing to surface with approximately 1000 sacks of cement. Will perforate and frac Gallup formation as determined after reviewing logs. We may delay completion until Spring 1988. Attached is a copy of a topographic map showing the location of the well.

APPROVAL EXPIRES 1-26-88  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

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JUL 20 1987  
OIL CON. DIV.  
DIST. 3

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Elizabeth B. Keeshan Title Vice President

Date 7/17/87

(This space for State Use)

APPROVED BY Emile Busch

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE JUL 20 1987

CONDITIONS OF APPROVAL, IF ANY:

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

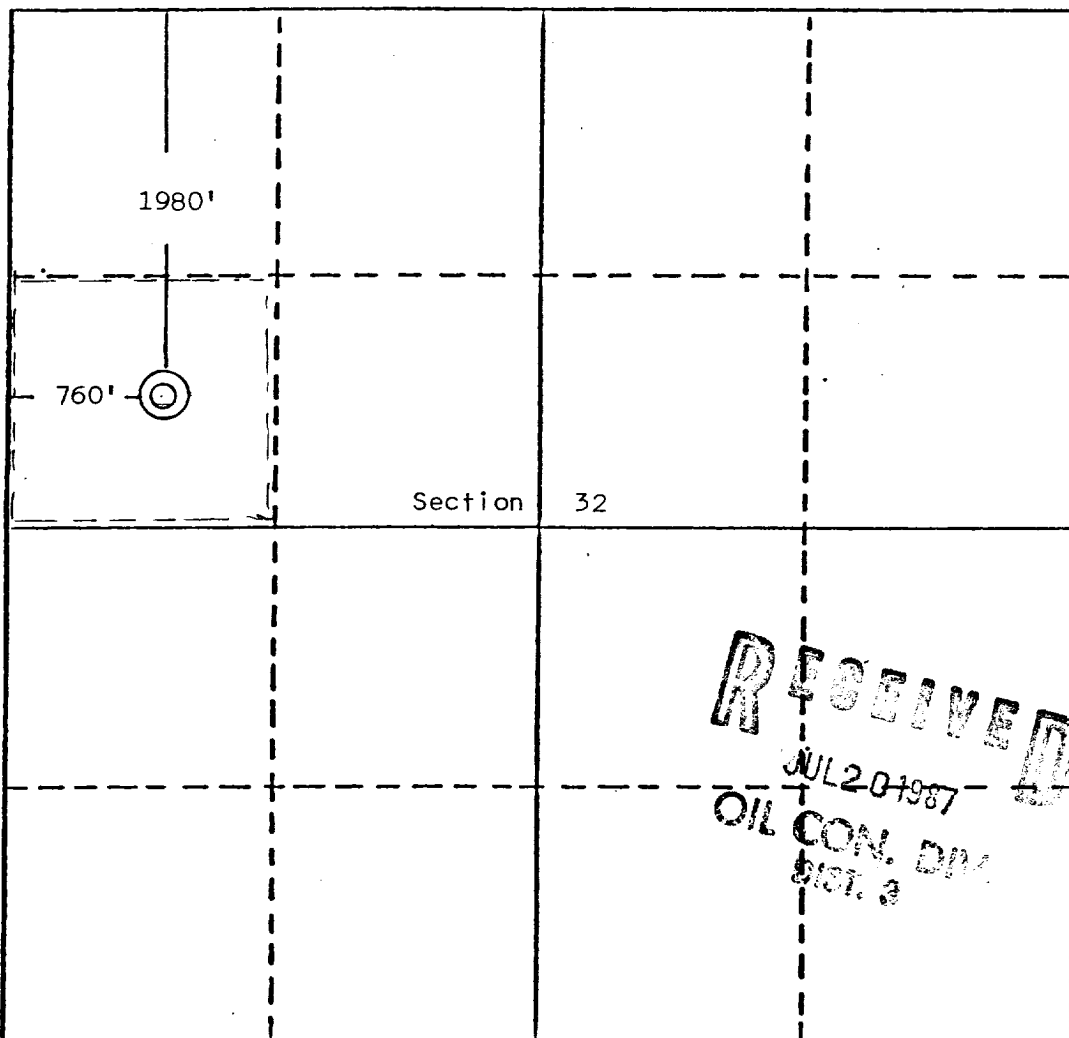
Operator BCO, Inc.		Lease Alamito Unit		Well No. 3
Unit Letter E	Section 32	Township 23 North	Range 7 West	County Sandoval
Actual Footage Location of Well: 1980 feet from the North line and 760 feet from the West line				
Ground Level Elev. 6850	Producing Formation Gallup	Pool Alamito Gallup EXT	Dedicated 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.



#### 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  
July 16, 1987

I, *Edgar L. Risenhoover*, Registered Professional Engineer and Land Surveyor, certify that the location shown on the plat was determined from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

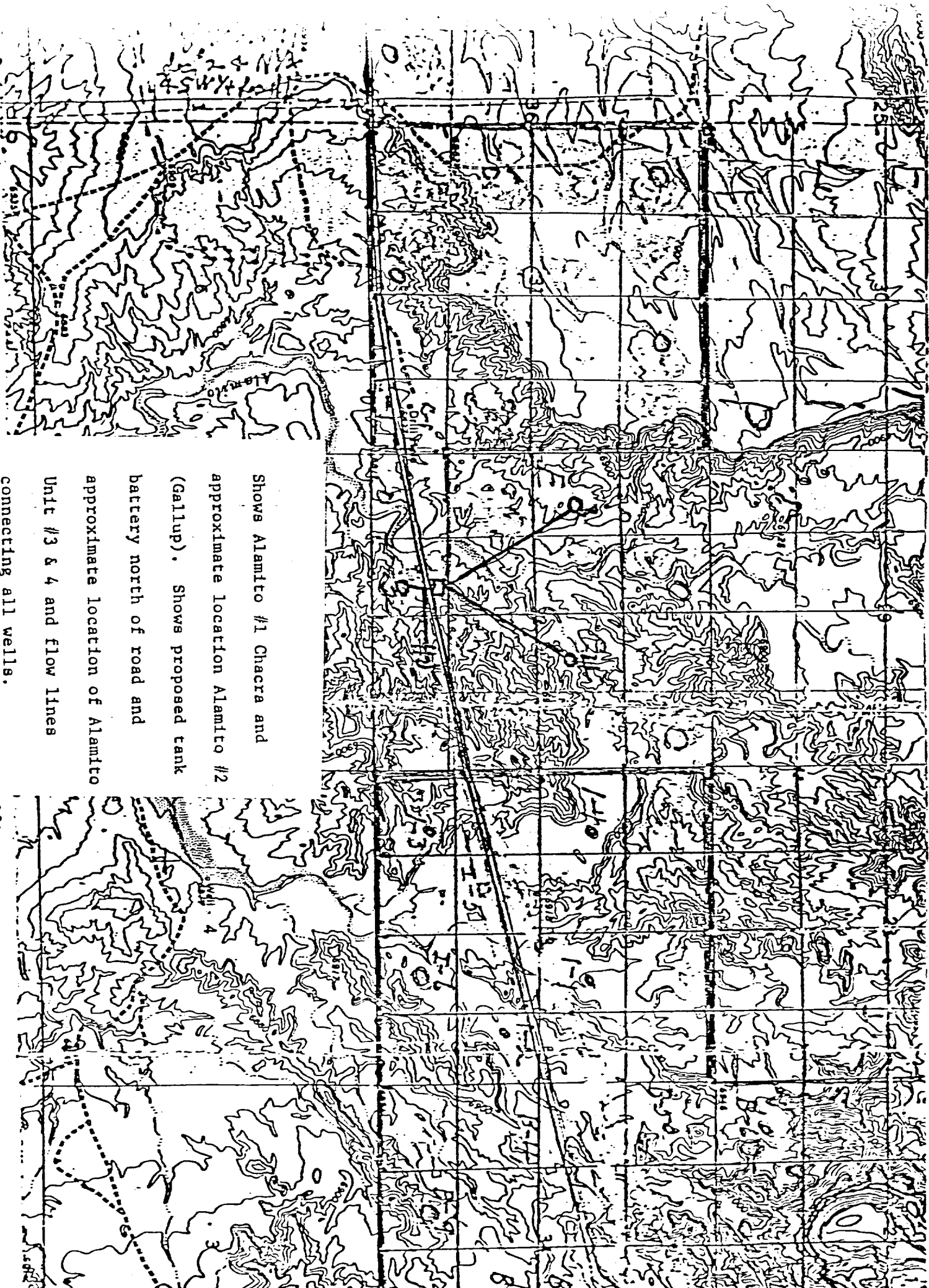
Date Surveyed  
July 9, 1987

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*

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

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DIST. 3



Shows Alamito #1 Chacra and  
approximate location Alamito #2  
(Gallup). Shows proposed tank  
battery north of road and  
approximate location of Alamito  
Unit #3 & 4 and flow lines  
connecting all wells.  
Section 32 T23N R7W MPM