

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

Santa Fe, NM 87504-2088

NOV 10 1992

API NO. (assigned by OCD on New Wells)

30-034-25236

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-3748

7. Lease Name or Unit Agreement Name

STATE "H"

8. Well No.

8

9. Pool name or Wildcat

LYBROOK GALLUP

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

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, SANTA FE, NM 87501

4. Well Location

Unit Letter A : 964 Feet From The NORTH Line and 330 Feet From The EAST Line

Section 2

Township 23N

Range 7W

NMPM

RIO ARRIBA

County

10. Proposed Depth

5800'

11. Formation

GALLUP

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

6823' GR

14. Kind & Status Plug Bond

\$50,000 BLANKET

15. Drilling Contractor

WALTERS DRILLING

16. Approx. Date Work will start

02/01/93

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12.250"	8.625"	24.0# J-55	350'	150	SURFACE
7.875"	4.500	11.6# J-55 & N-80	5800'	667	SURFACE

Operator plans to drill a 12.25" hole from surface to 360' and cement 8.625" casing at 350'. A 7.875" hole will then be drilled from 350' to 5800' or through base of the Gallup formation where 4.50" casing will be set and cemented. Gel-water mud will be used for drilling. Cementing of production casing will be single stage with sufficient volume to circulate to surface.

Well completion activities will include perforating, acidizing, and fracture stimulating the Gallup and wellbore clean out.

Attachments: Form C-102, Blowout Preventer Diagram, Topographic Map, Cut/Fill Location Diagram

APPROVED BY 5-13-93
UNLESS OTHERWISE NOTICED
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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.

SIGNATURE

TITLE

Petroleum Engineer

DATE

11/09/92

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

NOV 13 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTE: SURFACE OWNER IS THE STATE OF NEW MEXICO.

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Fee Lease - 3 copies

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P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

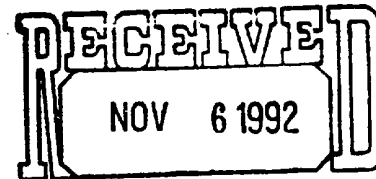
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised 1-1-89

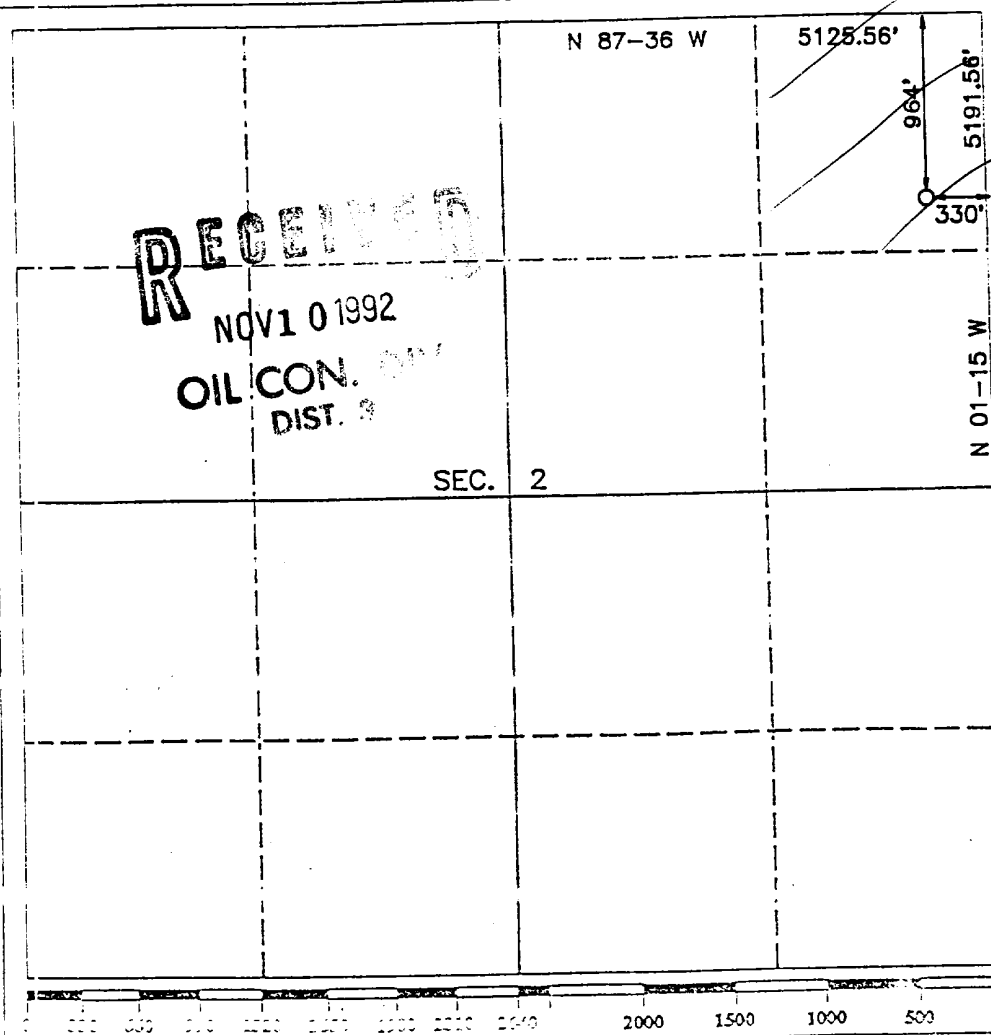


BCO, INC.

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator B.C.O. INC.			Lease STATE H		Well No. 8
Unit Letter A	Section 2	Township T.23 N.	Range R.7 W.	County RIO ARRIBA	NMPM
Actual Footage Location of Well: 964 feet from the NORTH line and 330 feet from the EAST line					
Ground level Elev. 6823		Producing Formation GALLUP		Pool LYBROOK GALLUP	
Dedicated Acreage: 40-3/4 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 interest of all owners been consolidated by communization, 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 communization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
NEEL L. DUNCAN
Printed Name
NEEL L. DUNCAN
Position
PETROLEUM ENGINEER
Company
BCO, INC.
Date
08 NOV 92

SURVEYOR CERTIFICATION

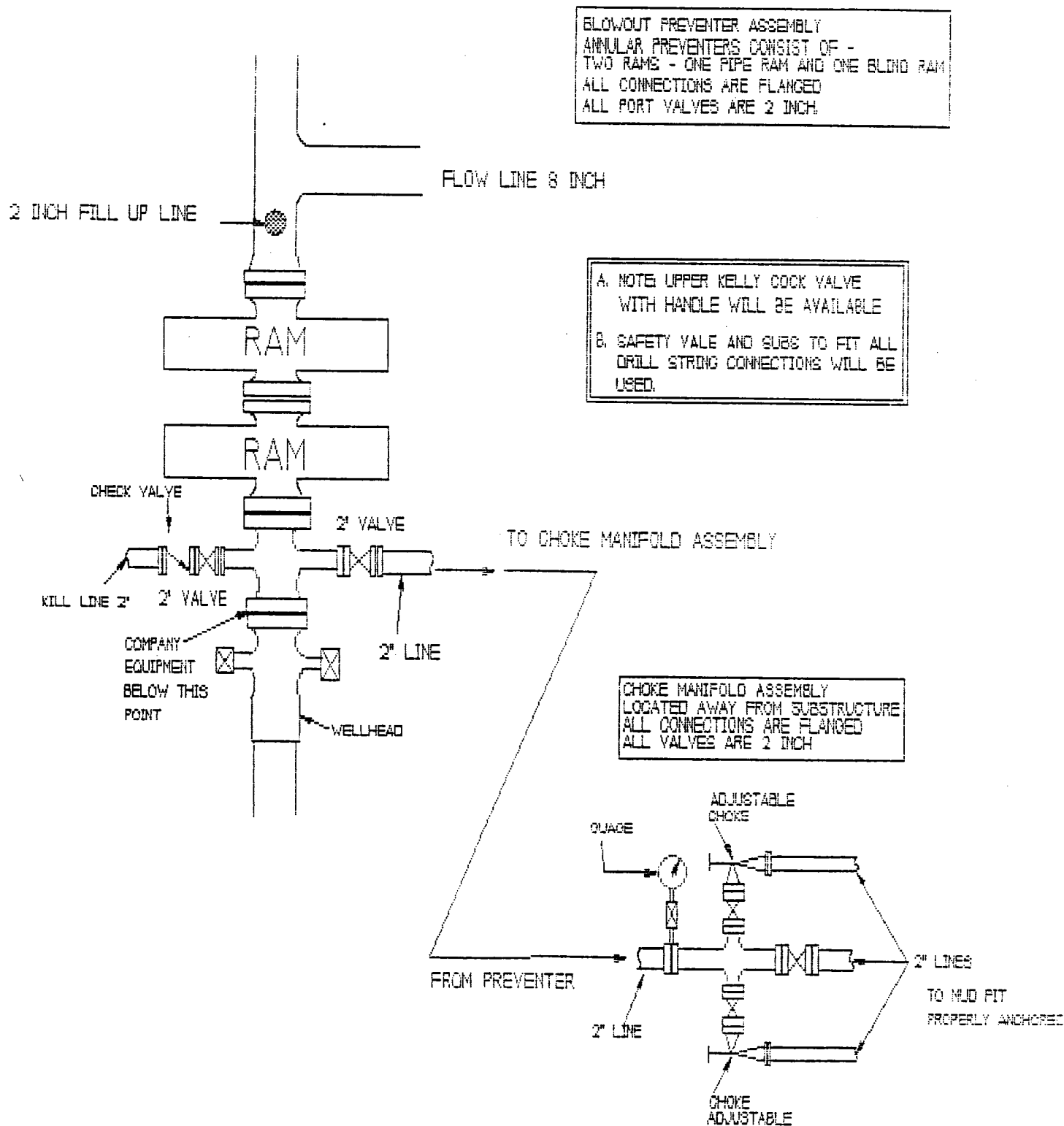
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
NOVEMBER 2, 1992

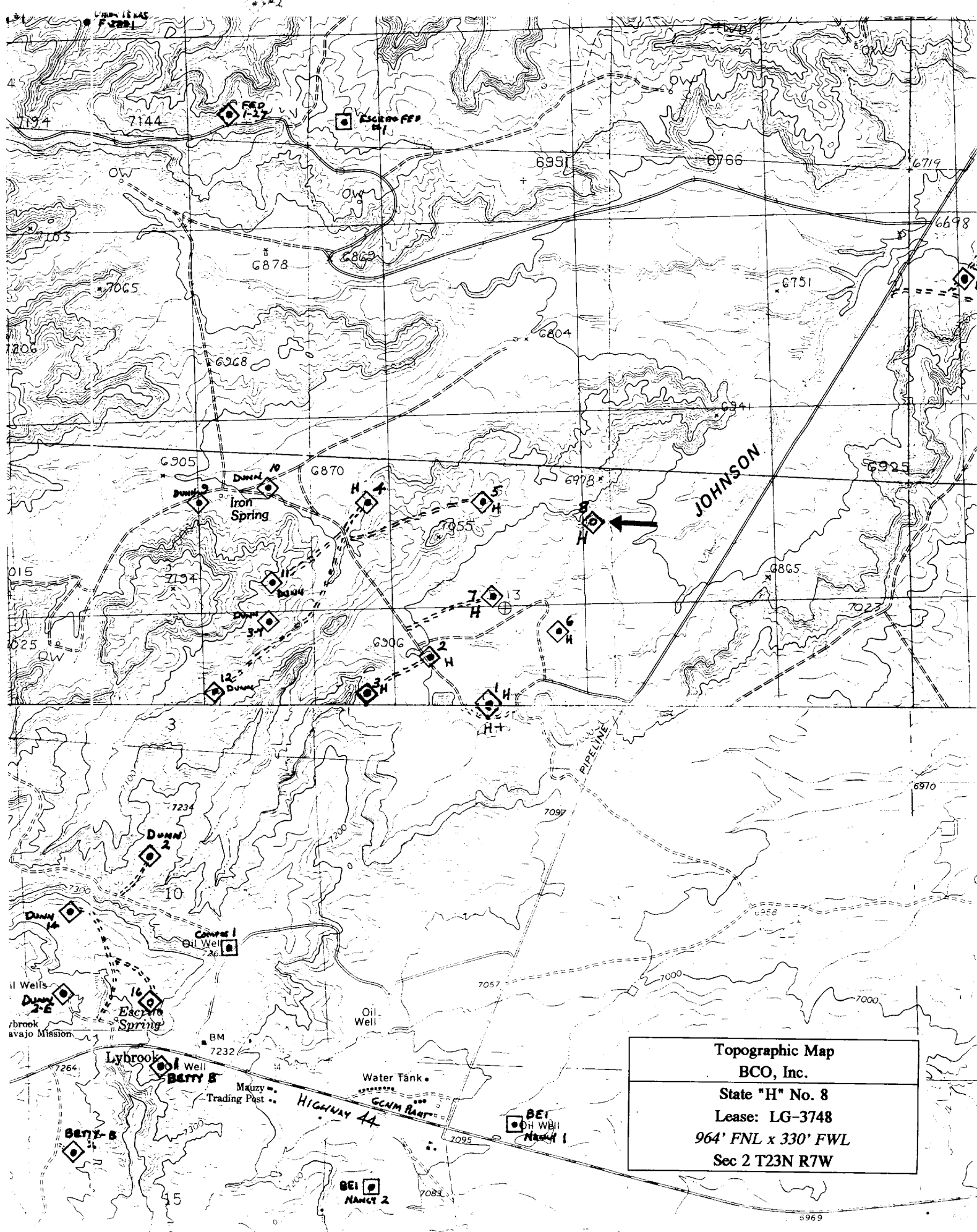
Signature & Seal
ROBERT A. RUSH
Professional Surveyor

ROBERT A. RUSH
8894

Certificate
REGISTERED PROFESSIONAL LAND SURVEYOR



"2-IN" BOP SYSTEM



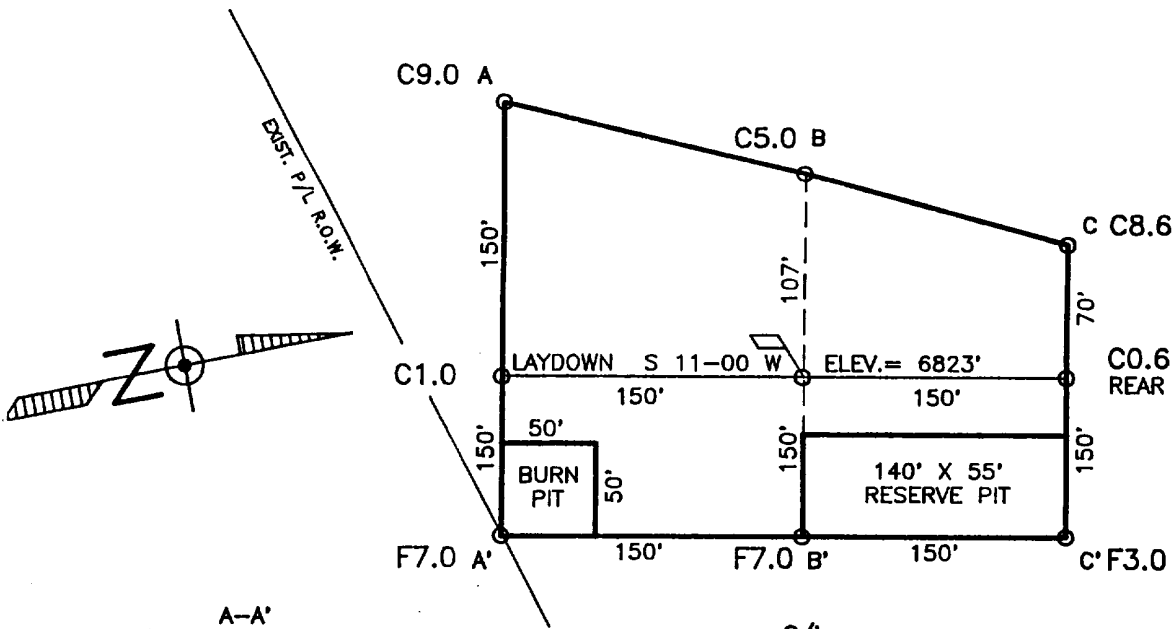
COMPANY: B.C.O. INC.

LEASE: STATE H-8

FOOTAGE: 964 FNL, 330 FEL

SEC.: 2, TWN: T.23 N., RNG: R.7 W., NMPM

ELEVATION: 6823



ELEV.	A-A'	C/L
6850		
6840		
6830		
6820		
6810		
6800		

ELEV.	B-B'
6850	
6840	
6830	
6820	
6810	
6800	

ELEV.	C-C'
6850	
6840	
6830	
6820	
6810	
6800	



Daggett Surveying, Inc.

8890 E. 30th Street Suite No. 78 Ph. (806) 896-1778
Farmington, New Mexico 87401