

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-029-25153

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 SANTA FE, NEW MEXICO 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface 1695' FSL X 820' FEL  
At proposed prod. zone 1695' FSL X 820' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
5 MILES NORTH OF LYBROOK, NEW MEXICO

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE  
2557.86

17. NO. OF ACRES ASSIGNED TO THIS WELL  
E/80

19. PROPOSED DEPTH  
5700'

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL: 6748' KB: 6760'

22. APPROX. DATE WORK WILL START\*  
01 MARCH 1992

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078562

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
LYBROOK

9. WELL NO.  
2R

10. FIELD AND POOL, OR WILDCAT  
ESCRITO GALLUP EXT.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
I SEC 22 T24N R7W

12. COUNTY OR PARISH  
RIO ARriba

13. STATE  
NEW MEXICO

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.250	8.625	24# J-55	360'	325 CUBIC FEET
7.875	4.500	11.6# J-55	5700'	1830 CUBIC FEET

OPERATOR PLANS TO DRILL TO THE GALLUP FORMATION. ALL PRODUCTIVE GALLUP INTERVALS WILL BE OBTAINED. ~~Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease.~~ SUBJECT WELL IS A REPLACEMENT FOR LYBROOK 2-22 WHICH WAS PLUGGED IN SEPTEMBER 1991.

EXHIBITS

- A - LOCATION & ELEVATION PLAT
- B - TEN POINT COMPLIANCE PROGRAM
- C - BLOWOUT PREVENTER DIAGRAM
- D - THIRTEEN POINT REQUIREMENTS PLAN
- E - TOPOGRAPHY AND ACCESS
- F - DRILLING RIG LAYOUT
- G - COMPLETION RIG LAYOUT
- H - LOCATION PROFILE
- I - PRODUCTION FACILITIES LAYOUT

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 [Signature] TITLE PETROLEUM ENGINEER DATE 11/4/91

(This space for Federal or State Comments)

PERMIT NO. RECEIVED APPROVAL DATE JAN 6 1992

APPROVED BY [Signature] TITLE AREA MANAGER

CONDITIONS OF APPROVAL, IF ANY:  
OIL CON. DIV. 1  
DIST. 3

APPROVED AS AMENDED  
DEC 31 1991

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Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

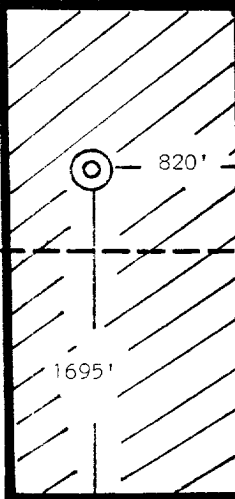
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

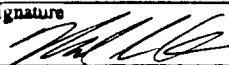
Operator BCO, Inc.			Lease Lybrook <del>SE</del>		Well No. 2R
Unit Letter I	Section 22	Township 24 North	Range 7 West	County NMPM	Rio Arriba
Actual Footage Location of Well: 1695 feet from the South line and 820 feet from the East line					
Ground level Elev. 6748 Est.	Producing Formation GALLUP	Pool ESCRIBO GALLUP	Dedicated Acreage: 80 Acres		

- 6748 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 interest 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 interest, has been approved by the Division.

Section 22	
<b>RECEIVED</b> JAN 6 1992 OIL CON. DIV. DIST. 3	
	

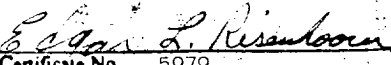
OPERATOR CERTIFICATION

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

Signature  
  
Printed Name  
NEEL L. DUNCAN  
Position  
PETROLEUM ENGINEER  
Company  
BCO, Inc.  
Date  
01 NOVEMBER 1991

SURVEYOR CERTIFICATION

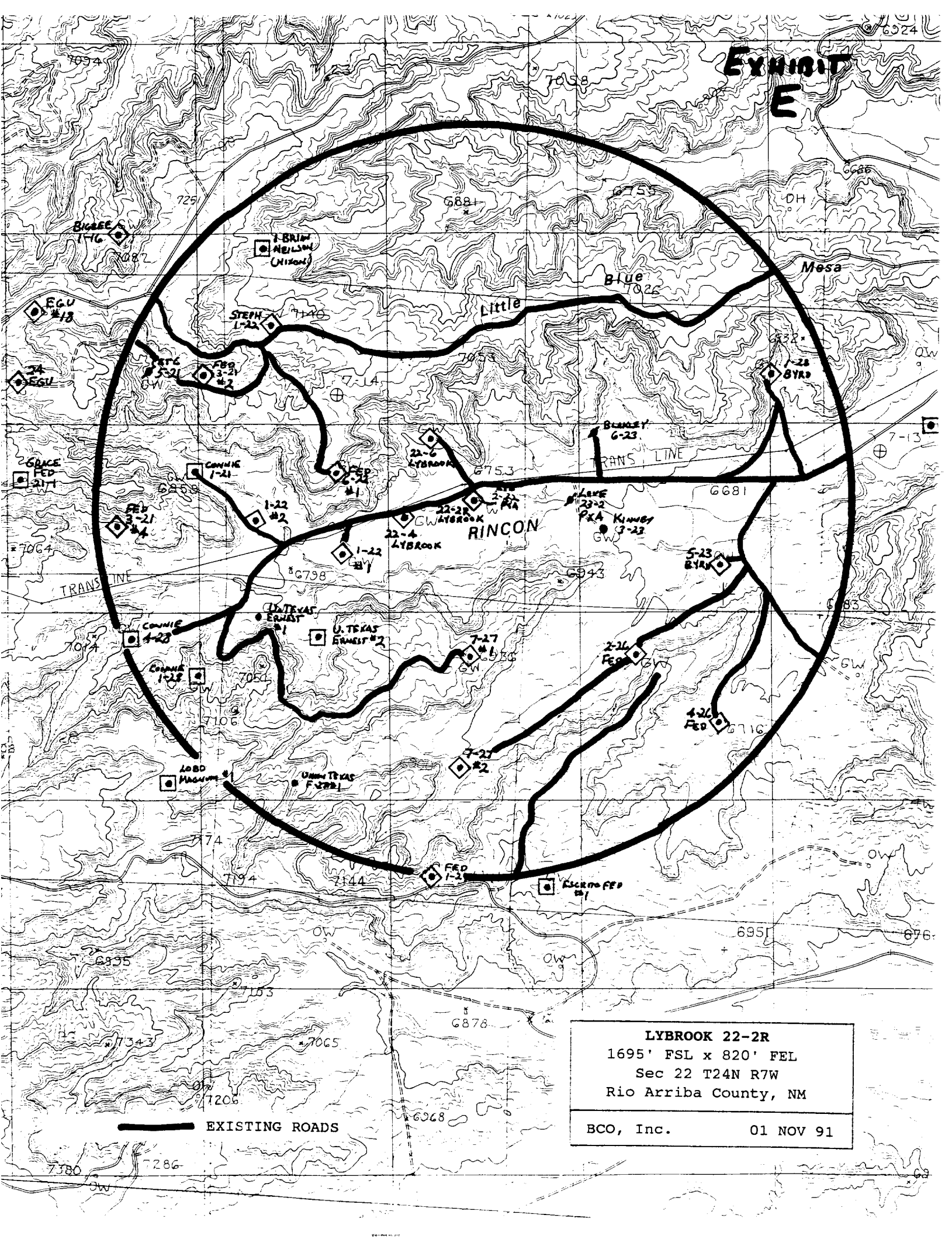
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
October 23, 1991  
Signature & Seal of Professional Surveyor  
  
Certificate No. 5979  
Edgar L. Risenhoover, P.S.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Q3113010  
2019 VOL  
VIA AIR TO  
1 FEB 1

# Exhibit E



<b>LYBROOK 22-2R</b> 1695' FSL x 820' FEL Sec 22 T24N R7W Rio Arriba County, NM	
BCO, Inc.	01 NOV 91