

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

2270' FNL - 1650' FEL

At proposed prod. zone

2270' FNL - 1650' FEL

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

2.5 MILES SOUTH OF LYBROOK, NEW MEXICO

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

2080

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4000'

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

GL: 7308'

KB: 7320'

22. APPROX. DATE WORK WILL START*

01 JANUARY 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	8.625"	24#	360'	275 SX
7.875"	4.50"	11.6#	5800'	1550 SX

OPERATOR PLANS TO DRILL FROM THE SURFACE THROUGH THE BASE OF THE GALLUP FORMATION. IF DETERMINED PRODUCTIVE, PRODUCTION CASING WILL BE SET AND CEMENTED. POTENTIALLY PRODUCTIVE INTERVALS WILL BE OPENED AND STIMULATED AS NECESSARY.

EXHIBITS

- A - LOCATION PLAT (OCD FORM C-102)
B - TEN POINT COMPLIANCE PROGRAM - OPERATIONS
C - BLOWOUT PREVENTER DIAGRAM
D - MUDPIT REQUIREMENTS PROGRAM
E - TOPOGRAPHY MAP SHOWING ROADS

- F - DRILLING RIG LAYOUT
G - COMPLETION RIG LAYOUT
H - LOCATION PROFILE PLAT
I - FACILITIES LAYOUT

not warrant that the applicant holds legal or equitable rights

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

TITLE PETROLEUM ENGINEER

OCTOBER 20, 1991

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

NOV 7 1991

TITLE

APPROVED
AS AMENDED

NOV 05 1991
AREA MANAGER

OIL CON. DIV.
DIST. 3

*See Instructions On Reverse Side

11/24/94
11/24/94

11/24/94
11/24/94

Nov 24 1994

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

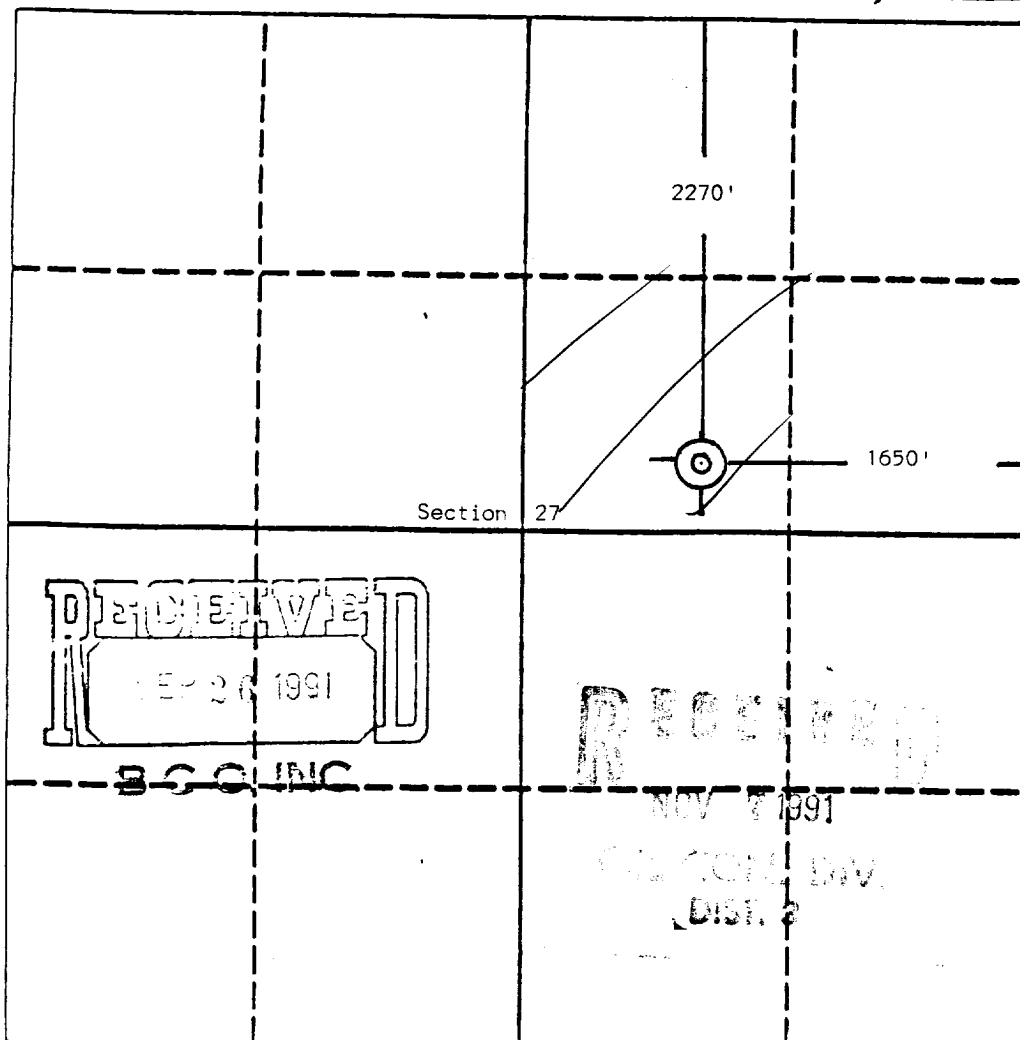
RECEIVED
BLM EXHIBIT A

OCT 21 PM 1:55

SANTA FE, N.M.

Operator BCO, Inc.			Lease Federal B		Well No. 12
Unit Letter G	Section 27	Township 23 North	Range 7 West	County Sandoval	
Actual Footage Location of Well: 2270 feet from the North line and 1650 feet from the East line					
Ground level Elev. 7308 Est.	Producing Formation Gallup		Pool Lybrook EXT	Dedicated Acreage: 40 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 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.



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

17 OCT 91

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.

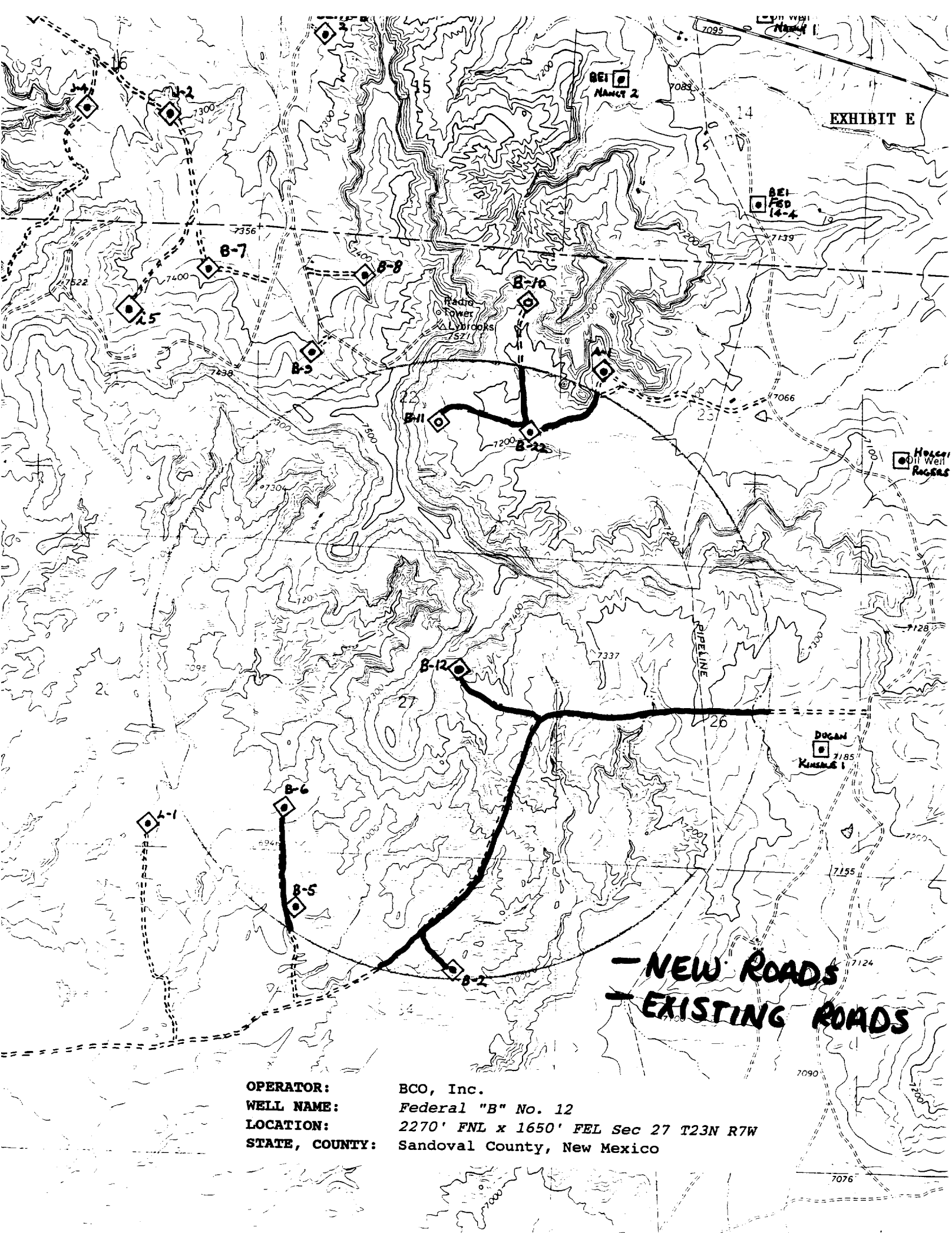
Date Surveyed

September 19, 1991

Signature & Seal of
Professional Surveyor

Edgar L. Rosenbarger
Certification No. 5979
Edgar L. Rosenbarger

EXHIBIT E



OPERATOR: BCO, Inc.
WELL NAME: Federal "B" No. 12
LOCATION: 2270' FNL x 1650' FEL Sec 27 T23N R7W
STATE, COUNTY: Sandoval County, New Mexico