

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-043-20876

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

420' FNL - 970' FWL

At proposed prod. zone

420' FNL - 970' FWL

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

1 MILE SOUTH OF LYBROOK, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

2080 1120

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.

2600'

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

GL: 7250'

KB" 7262'

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START*

01 JANUARY 1993

23.

PROPOSED CASING AND CEMENTING PROGRAM DRILLING OPERATIONS AUTHORIZED ARE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT GENERAL REQUIREMENTS
12.250"	8.625"	24#	360'	275 SX
7.875"	4.50"	11.6#	5800'	689 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 - MULTI-POINT REQUIREMENTS PROGRAM
- E - TOPOGRAPHY MAP SHOWING ROADS

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

RECEIVED

OCT 02 1992

OIL CON DIV

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 surface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

PETROLEUM ENGINEER

DATE SEPTEMBER 3, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

SEP 30 1992

AREA MANAGER

NMOCD

*See Instructions On Reverse Side

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED
BLM

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APR 28 1992

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

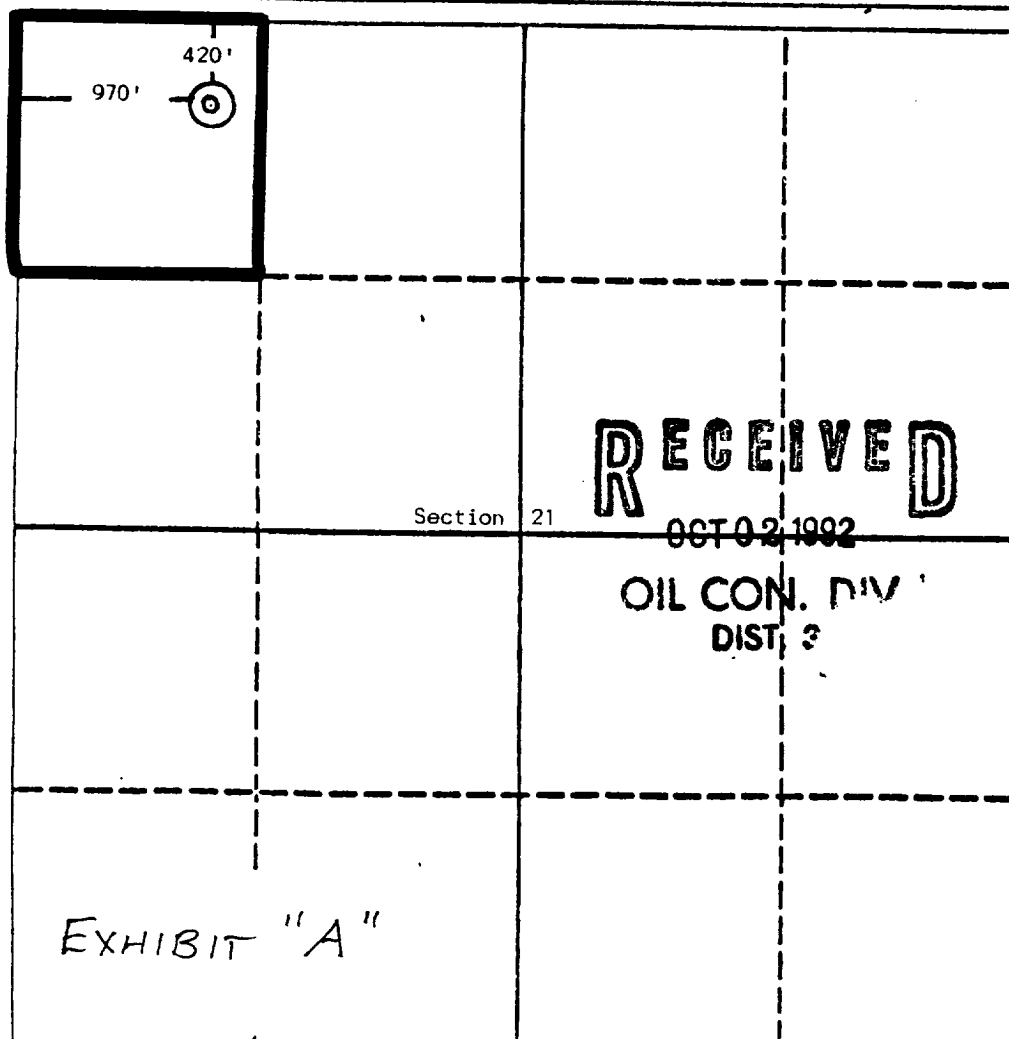
WELL LOCATION AND ACREAGE DEDICATION PLAT, N.M.

All Distances must be from the outer boundaries of the section

BCO, INC.

Operator BCO, Inc.		Lease Federal I		Well No. 6
Unit Letter D	Section 21	Township 23 North	Range 7 West	County Sandoval
Actual Footage Location of Well: 420 feet from the North line and 970 feet from the West line				
Ground level Elev. 7250 Est.	Producing Formation GALLUP	Pool LYBROOK GALLUP POOL EXT	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatch 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

Printed Name

NEEL L. DUNCAN

Position

OPERATIONS MANAGER

Company

BCO, Inc

Date

02 MAY 1992

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

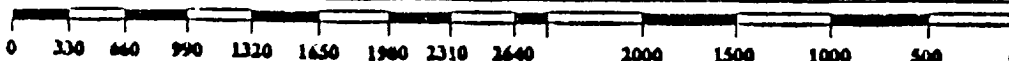
September 19, 1991

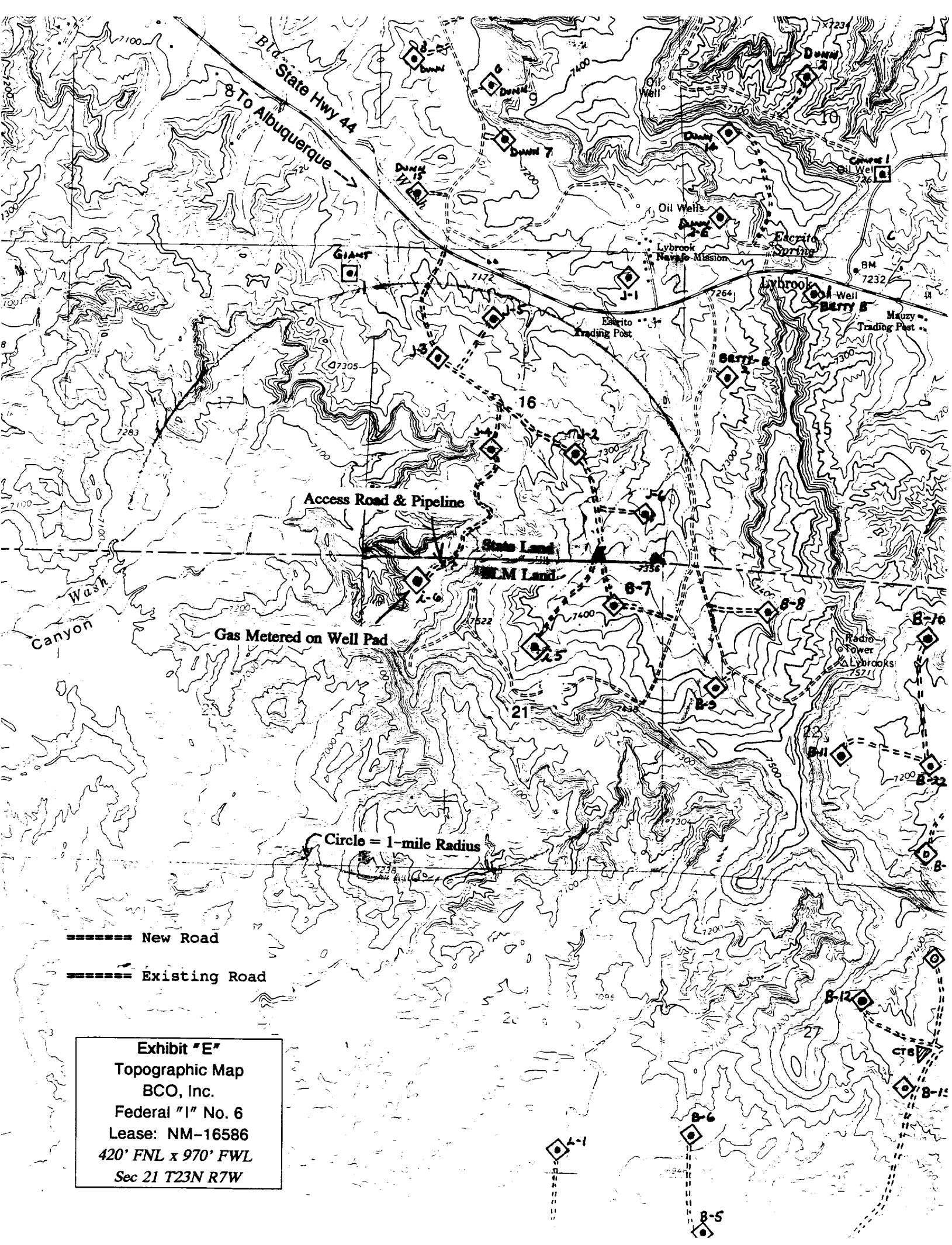
Signature & Seal of
Professional Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, P.S.





8 To Albuquerque
Bld State Hwy 44

Access Road & Pipeline

State Land

BLM Land

Gas Metered on Well Pad

Circle = 1-mile Radius

----- New Road

===== Existing Road

Exhibit "E"
Topographic Map
BCO, Inc.
Federal "I" No. 6
Lease: NM-16586
420' FNL x 970' FWL
Sec 21 T23N R7W