

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-043-20866

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

2200' FSL - 2090' FEL

At proposed prod. zone

2200' FSL - 2090' FEL

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

1.5 MILES 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

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.

1700'

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

GL: 7222'

KB: 7234'

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 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	8.625"	24.0#	360'	275 SX
7.875"	4.500"	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 - MULTI-POINT REQUIREMENTS PROGRAM

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

TOPOGRAPHY MAP SHOWING ROADS

not warrant that the applicant holds legal or equitable rights

IN ABOVE SPACE SPECIFY 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.

21.

SIGNED

TITLE PETROLEUM ENGINEER

APPROVED NOV 20, 1991

(This space for permit on state of case)

AS AMENDED

PERMIT NO.

APPROVAL DATE

NOV 05 1991

APPROVED BY

TITLE

CONDITIONS OF APPROVAL

AREA MANAGER

OIL CON. DIV.

DIST. 3

NMOOD

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

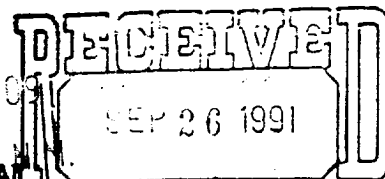
State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

EXHIBIT A



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

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

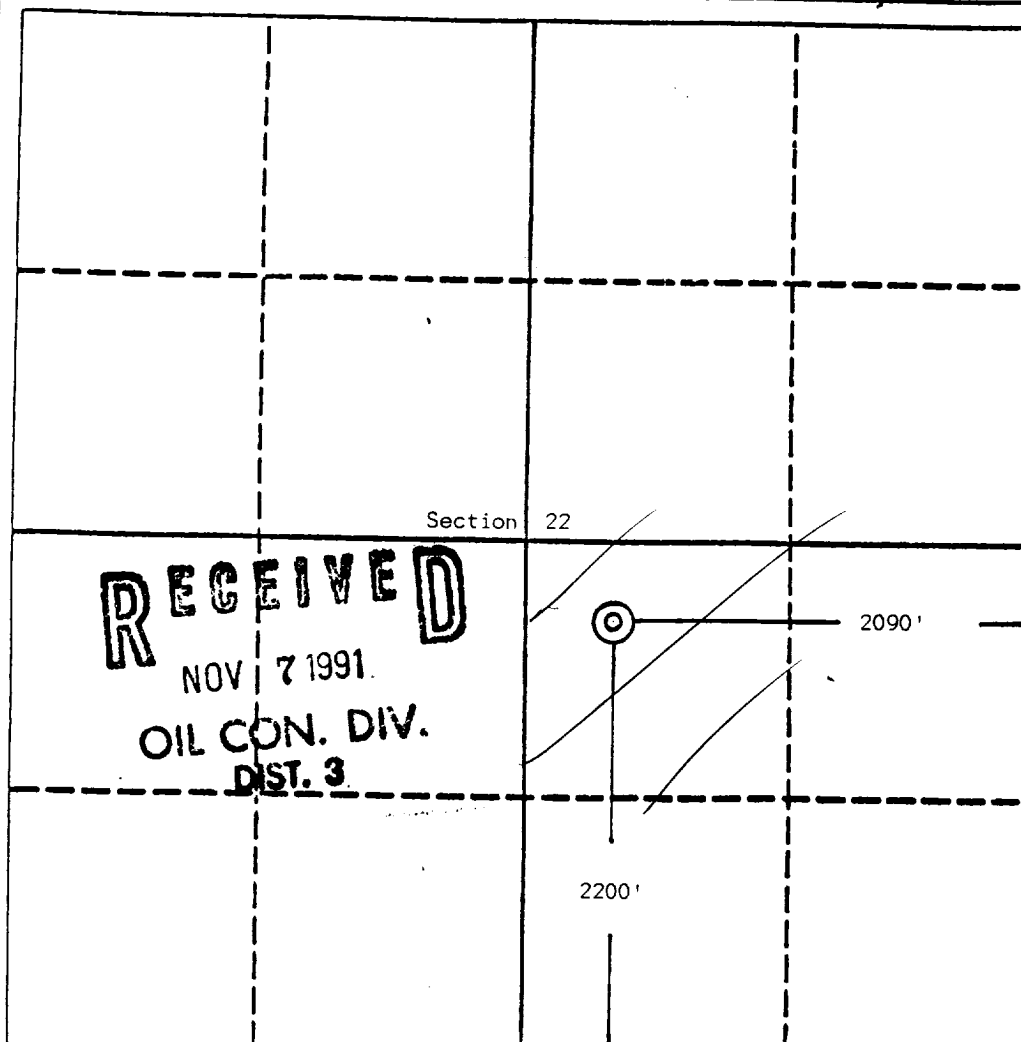
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAN

All Distances must be from the outer boundaries of the section

BCO, INC.

Operator BCO, Inc.			Lease Federal B		Well No. 11
Unit Letter J	Section 22	Township 23 North	Range 7 West	County Sandoval	
Actual Footage Location of Well: 2200 feet from the South line and 2090 feet from the East line					
Ground level Elev. 7222 Est.	Producing Formation Gallup		Pool Lybrook EXT	Dedicated Acreage: 70 Acres	
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.					



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
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. Risenhoover
Certificate No. 5929
Edgar L. Risenhoover, P.S.

