

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

30-039-25064

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☐

7. Lease Name or Unit Agreement Name

Arco  
Bannon-Leeson (160)

8. Well No.

3 JW/Arco  
Bannon #2

9. Pool name or Wildcat

West Lindrith Gallup/Dakota

2. Name of Operator

Bannon Energy Inc., c/o Daggett & Chenault, Inc.

3. Address of Operator

3539 E. 30th, Suite 7B, Farmington, NM 87402

4. Well Location

Unit Letter C : 970 Feet From The North Line and 2156 Feet From The West Line

Section 27

Township 25N

Range 3W

NMPM

Rio Arriba

County

10. Proposed Depth  
8200

11. Formation  
Gallup/Dakota

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
7320' GR

14. Kind & Status Plug. Bond  
Blanket/Cash

15. Drilling Contractor  
unknown at this time

16. Approx. Date Work will start  
6-1-91

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24.0 lb. J-55	800 ft	to surface	
7 7/8"	4 1/2"	11.6 lb. K-55	8200 ft	1600 sx *	

\* Volume of cement to be determined from caliper log

Well to be drilled to penetrate the Gallup/Dakota formation. All producing intervals in the Gallup/Dakota will be stimulated as necessary.

RECEIVED

MAY 06 1991

OIL CON. DIV.  
DIST. 3

APPROVAL EXPIRES 11-7-91  
UNLESS DRILLING IS COMMENCED.  
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 R.A. Chabaud TITLE V.P. Operations DATE May 1, 1991

TYPE OR PRINT NAME R.A. Chabaud TELEPHONE NO. 326-0074

(This space for State Use)

APPROVED BY [Signature] DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 07 1991

CONDITIONS OF APPROVAL, IF ANY:

Hold 2104 for well name change



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

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

Operator <b>BANNON ENERGY, INC.</b>		Lease <b>BANNON-LEESON</b>		Well No. <b>3</b>
Unit Letter <b>C</b>	Section <b>27</b>	Township <b>T.25 N.</b>	Range <b>R.3 W.</b>	County <b>RIO ARriba COUNTY</b>
Actual Footage Location of Well: <b>970</b> feet from the <b>NORTH</b> line and <b>2156</b> feet from the <b>WEST</b> line				
Ground level Elev. <b>7320</b>	Producing Formation <b>West Lindrith Gallup-Dakota</b>		Pool <b>Gallup-Dakota</b>	Dedicated Acreage: <b>160</b> 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 in true and complete to the best of my knowledge and belief.

Signature *R. A. Chabaud*  
Printed Name **R. A. Chabaud**  
Position **V. P. Operations**  
Company **Bannon Energy Inc.**  
Date **May 1, 1991**

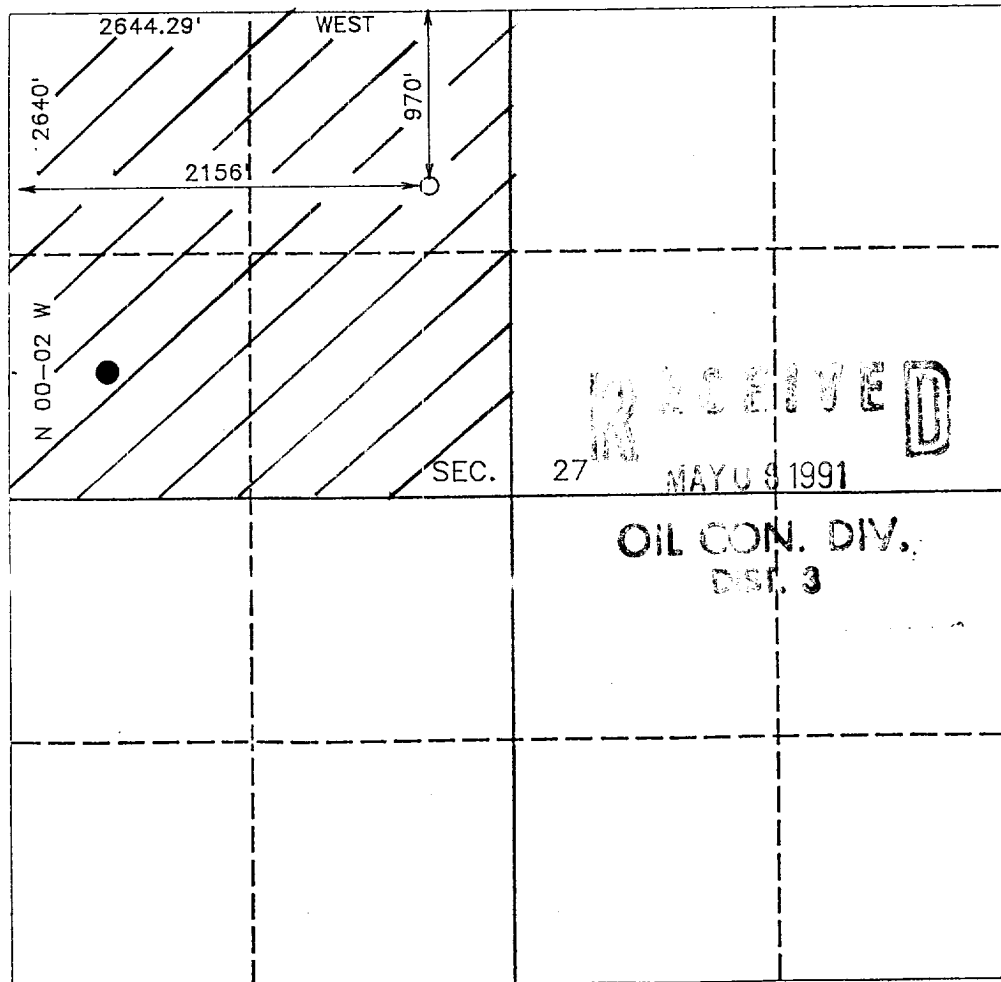
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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  
**MARCH 15, 1991**

Signature & Seal of Professional Surveyor  
**HENRY P. BROADHURST, JR.**

Certificate No.  
**11393**  
PROFESSIONAL SURVEYOR



● = Producing Well

T25N-R3W










N

18' Culverts

Water Well

24' Culvert

Occupied Dwelling  
*Leeson Ranch*

- |  |  |
|--|--|
|  Staked Location            |  Drilling Well            |
|  Proposed New Well          |  Water Wells              |
|  Producing Wells            |  Reservoirs               |
|  Plugged or Abandoned Wells |  Existing Road            |
|  |  Proposed New Access Road |

BANNON ENERGY INC.

BANNON-LEESON NO.3  
Unit C, Sec. 27, T25N-R3W  
Rio Arriba County, NM