

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 30-039-25046

Budget Bureau No. 1004-0136 Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ] PLUG BACK [ ]
b. TYPE OF WELL OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]
2. Name of Operator Bannon Energy, Inc., c/o Daggett & Chenault, Inc.
3. ADDRESS OF OPERATOR 3539 E. 30th, Ste. 7B, Farmington, NM 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements.\*) At surface Unit E 2055' FNL, 824 FWL, Sec. 30, T24N-R6W At proposed prod. zone Same
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* Approximately 4 miles NE of the Escrito Trading Post
15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE FT. (Also to nearest drlg. unit line, if any) 627'
16. NO. OF ACRES IN LEASE 1280 2557.86
17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 79.32
18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,700'
19. PROPOSED DEPTH 5800
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6883' GR
22. APPROX. DATE WORK WILL START\* 9-15-90
23. PROPOSED CASING AND CEMENTING PROGRAM

5. LEASE DESIGNATION AND SERIAL NO. SF078562
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Goff 30
9. WELL NO. 5R
10. FIELD AND POOL, OR WILDCAT Escrito/Gallup
11. SEC., T., R., M., OR BLK SW-NW Section 30 T24N-R6W
12. COUNTY OR PARISH Rio Arriba
13. STATE NM
17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 79.32
20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START\* 9-15-90

Table with 4 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH. Row 1: 12-1/4", 8-5/8", 24.0 lb. J-55, 300'. Row 2: 7-7/8", 4-1/2", 11.6 lb. K-55, 5800'.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". Cement to Surface 800 sx-volume to be calculated subsequent to logging and circulated to surface

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

EXHIBITS:

- "A" Location and Elevation Plat
"B" Ten Point Drilling Program
"C" Blowout Preventer Diagram
"D" Multi-Point Requirements of APD
"E" Site Specific Checklist for Roads (Attachment to "E" - Topo Map)
"F" Drill Rig Layout
"G" Completion Program Layout
"H" Location Profile

The gas from this lease is committed.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths; blowout preventer program, if any.

24. SIGNED R. A. Chabaud TITLE Vice President DATE 10-10-90 APPROVED AS AMENDED PERMIT NO. APPROVAL DATE TITLE AREA MANAGER
RECEIVED JAN 28 1991 OIL CON. DIV. DIST. 3 NSL-267A

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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**  
 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

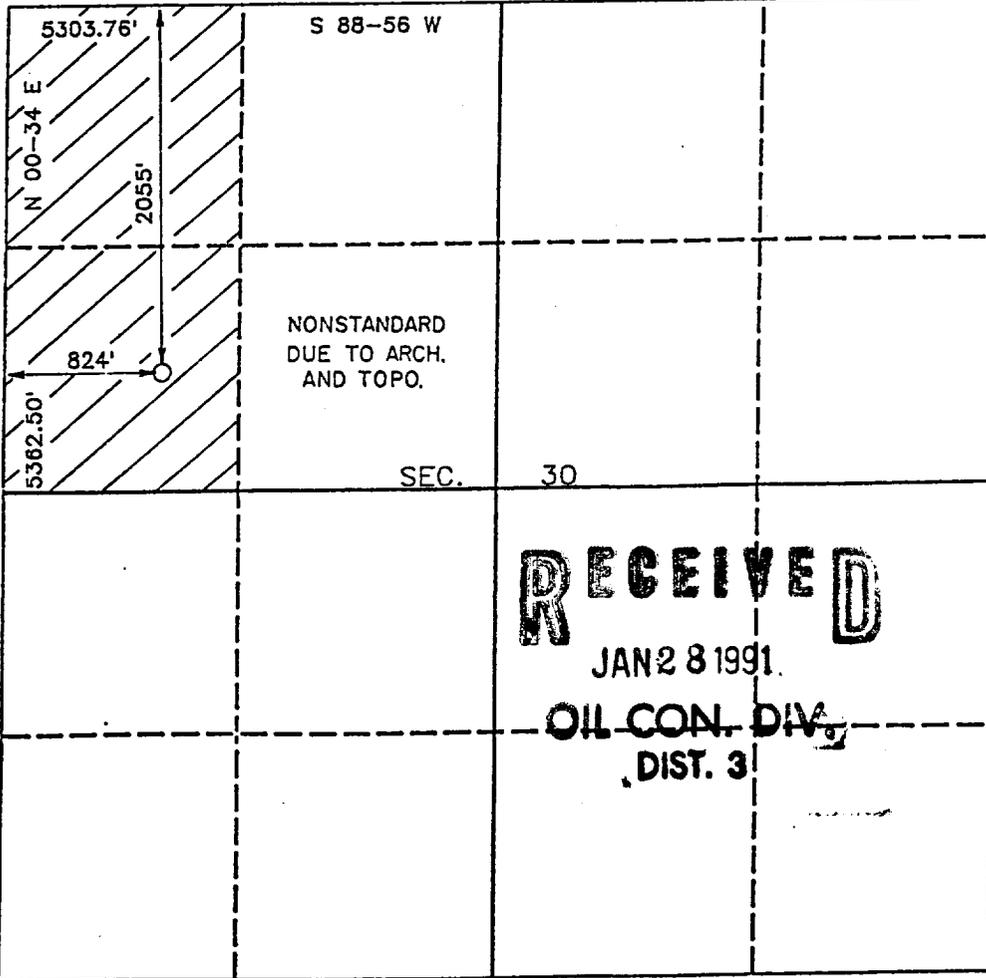
|   |                                      |                               |                        |                                       |
|---|--------------------------------------|-------------------------------|------------------------|---------------------------------------|
| Operator<br><b>BANNON ENERGY, INC.</b>  |                                      | Lease<br><b>GOFF 30</b>       |                        | Well No.<br><b>5R</b>                 |
| Unit Letter<br><b>E</b>   | Section<br><b>30</b>                 | Township<br><b>T.24 N.</b>    | Range<br><b>R.6 W.</b> | County<br><b>RIO ARRIBA COUNTY</b>    |
| Actual Footage Location of Well:<br><b>2055</b> feet from the <b>NORTH</b> line and <b>824</b> feet from the <b>WEST</b> line |                                      |                               |                        |                                       |
| Ground level Elev.<br><b>6883</b>   | Producing Formation<br><b>GALLUP</b> | Pool<br><b>ESCRITO/GALLUP</b> |                        | Dedicated Acreage:<br><b>80</b> Acres |

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



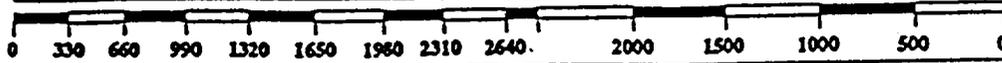
**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *R. A. Chabaud*  
 Printed Name: **R. A. Chabaud**  
 Position: **Vice President**  
 Company: **Bannon Energy Incorporated**  
 Date: **10-10-90**

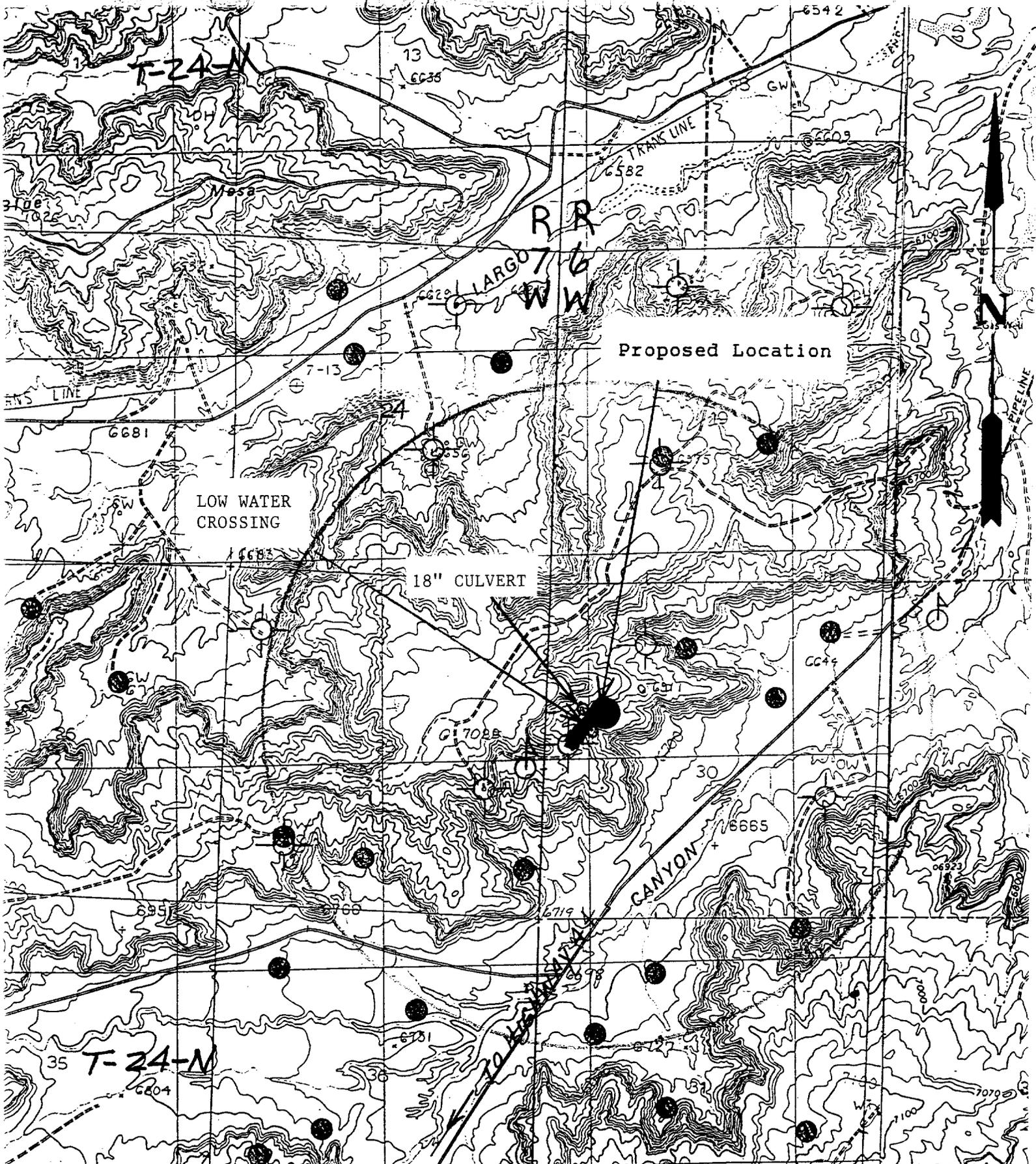
**SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **SEPTEMBER 22, 1990**  
 Signature & Seal of Professional Surveyor: *B. Howard Daggett*  
 Registered Professional Land Surveyor No. **9679**

**RECEIVED**  
**JAN 28 1991**  
**OIL CON. DIV.**  
**DIST. 3**



Registered Professional Land Surveyor



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

**BANNON ENERGY, INC.**  
**GOFF 30-5R**  
**SW-NW Sec. 30**  
**T24N-R6W**  
**Rio Arriba Co., NM**