

Advice,

Take notes of this well  
if its a gas well it will  
have a .25 AF

(C)

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

Bannon Energy, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 2058, Farmington NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface  
790' FSL x 2258' FWL

At proposed prod. zone

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

4 miles north of Lybrook, NM

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

639.5 1077.56

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

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

19. PROPOSED DEPTH

5800'

20. ROTARY OR CABLE TOOLS

Rotary

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

6804' GR

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

22. APPROX. DATE WORK WILL START\*

September 10, 1989

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and  
procedural review pursuant to 43 CFR 3155.3  
and appeal pursuant to 43 CFR 3155.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24.0 lb.J-55	300'
7 7/8"	4 1/2"	10.5 lb.K-55	5800'

QUANTITY OF CEMENT  
Cement to Surface  
800 sx - volumes to be  
calculated subsequent to  
logging.

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 compliance program
  - "C" Blowout preventor diagram
  - "D" Multi-point requirements of APD
- The gas from this lease is committed.

- "E" Site specific checklist  
for roads
- "F" Drill rig layout
- "G" Completion program layout
- "H" Location Profile
- "I" Proposed Pipeline

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.

SIGNED

TITLE Agent for Bannon Energy Inc. 8/23/89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

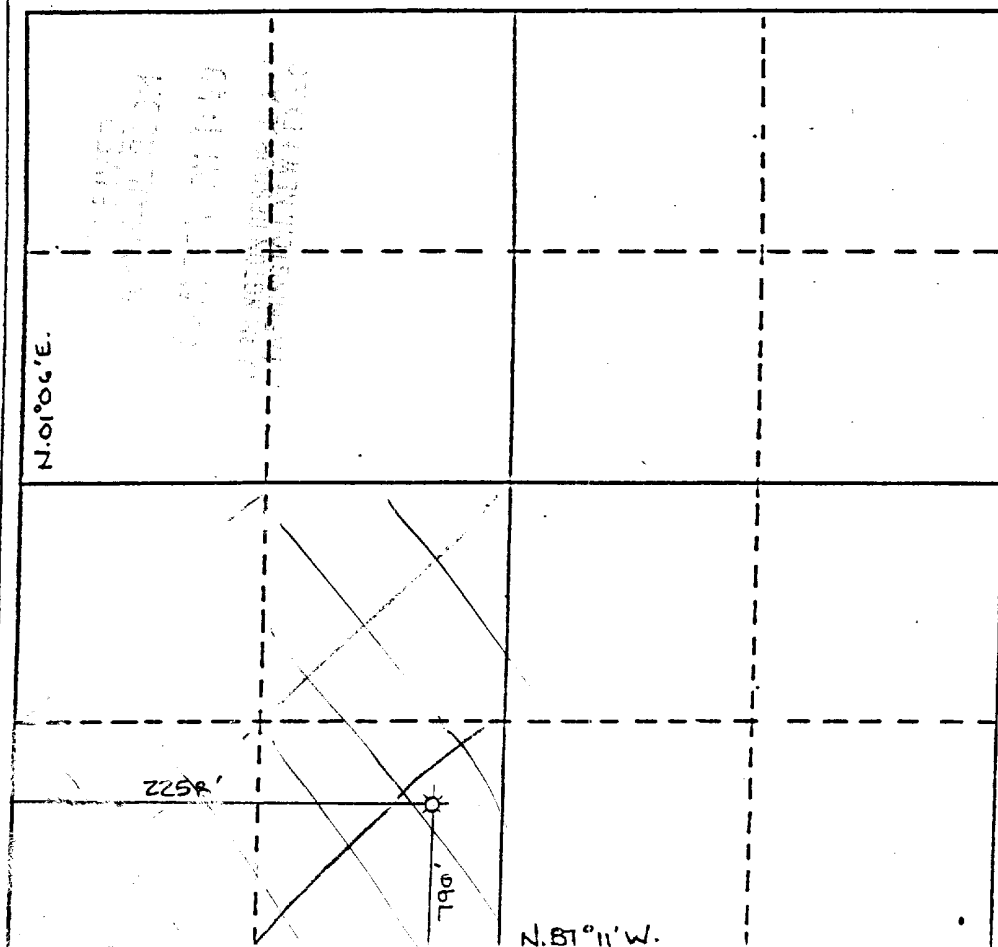
Operator <b>BANNON ENERGY, INC.</b>			Lease <b>MESA 25</b>		Well No. <b>4</b>
Unit Letter <b>N</b>	Section <b>25</b>	Township <b>T24N</b>	Range <b>R7W</b>	County <b>RIO ARriba COUNTY</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>SOUTH</b> line and <b>2258</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>6804</b>	Producing Formation <b>Gallup</b>		Pool <b>Escrito</b>	Dedicated Acreage: <b>80</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Division.



## CERTIFICATION

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

Name  
Operating Agent

Position  
Bannon Energy, Inc.

Company  
August 24, 1989

Date

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

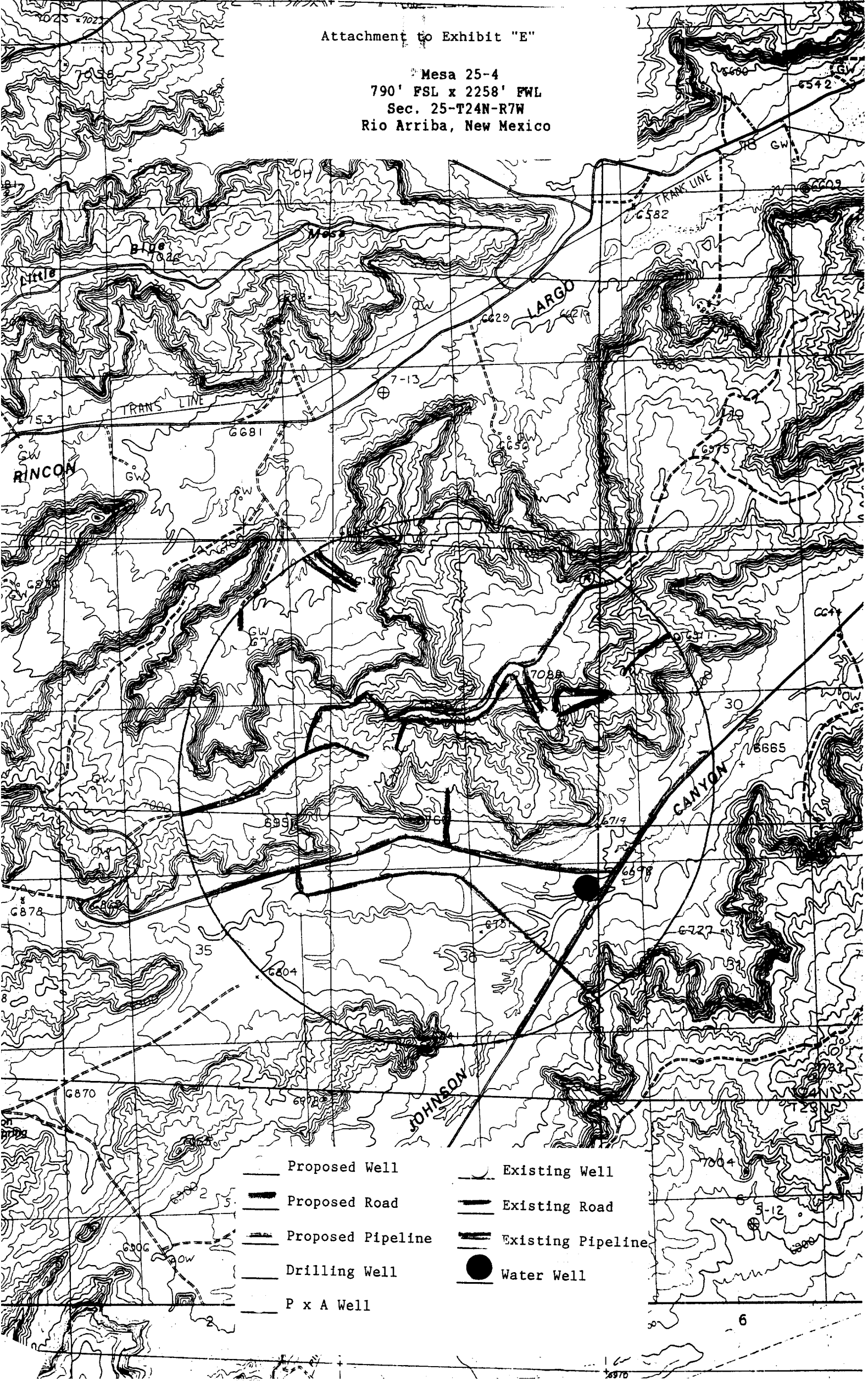
Date Surveyed  
Registered Professional  
JULY 28, 1989

Registered Land Surveyor  
*R. Howard Daggett*  
R. HOWARD DAGGETT  
Certificate No.

9679

Attachment to Exhibit "E"

Mesa 25-4  
790' FSL x 2258' FWL  
Sec. 25-T24N-R7W  
Rio Arriba, New Mexico



- |                     |                     |
|---------------------|---------------------|
| — Proposed Well     | — Existing Well     |
| — Proposed Road     | — Existing Road     |
| — Proposed Pipeline | — Existing Pipeline |
| — Drilling Well     | ● Water Well        |
| — P x A Well        |                     |