

**El Paso**

NATURAL GAS  
COMPANY



P. O. BOX 990  
FARMINGTON, NEW MEXICO 87401  
PHONE: 505-325-2841

October 12, 1977

*NSL-892  
Rule 3  
Order R 1670  
20 day waiting  
Blanco Mesa Verde  
send copy to H. Fee  
and 104 F for  
Pictured Cliffs*

Mr. Joe Ramey  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Ramey:

This is a request for administrative approval for an unorthodox gas well location for a dual well in the Blanco Mesa Verde and Blanco Pictured Cliffs pools.

It is intended to locate the El Paso Natural Gas Company Mudge #3A at 1345' from the North line and 800' from the West line of Section 9, T-31-N, R-11-W, San Juan County, New Mexico.

Because of a high narrow ridge that runs on the South and East side of the proposed location and a pipeline to the North, it is impossible to build an orthodox location (see attached plat).

All operators of proration units offsetting the proposed unorthodox location have been notified of this application by certified mail.

Plats showing the proposed well location and the terrain of Section 9, along with an ownership plat, are attached.

Yours truly,

A handwritten signature in cursive script, appearing to read "D. R. Read".

D. R. Read  
Division Drilling Engineer

DRR:pb

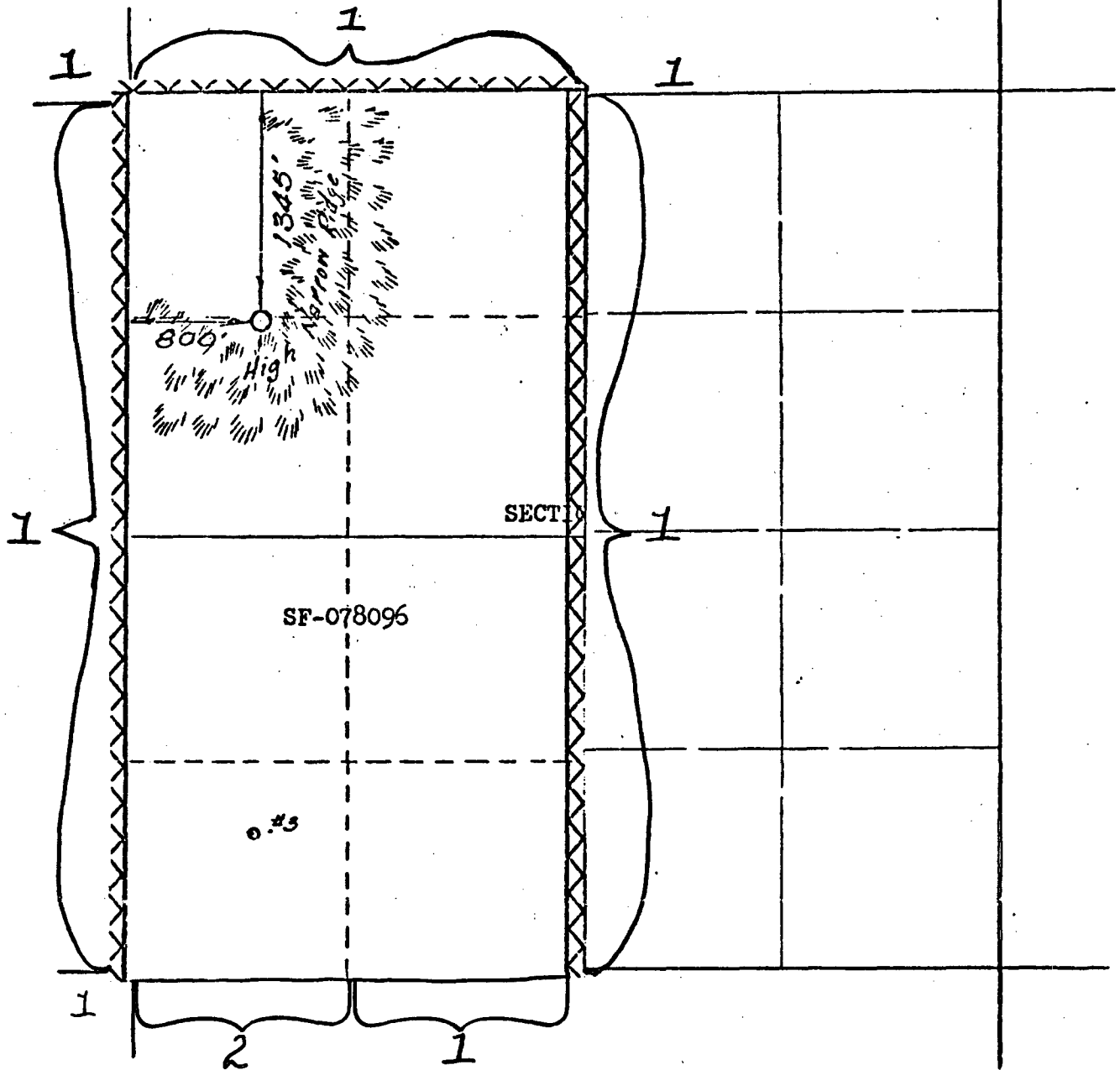
EL PASO NATURAL GAS COMPANY

Well Name Mudge #3 A , Blanco Pictured Cliffs/Blanco Mesaverde Dual

Footage---- 1345' FNL, 800' FWL

## APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 9 Township 31-N Range 11-W



## REMARKS:

- (1) El Paso Natural Gas Company  
(2) Gulf Oil Corporation

**El Paso** NATURAL GAS  
COMPANY

P. O. BOX 990  
FARMINGTON, NEW MEXICO 87401  
PHONE: 505-325-2841

October 12, 1977

Gulf Oil Corporation  
Post Office Box 1150  
Midland, Texas 79701

Re: Unorthodox Gas Well Location

Dear Sirs:

El Paso Natural Gas Company has requested administrative approval for an unorthodox gas well location for a dual well in the Blanco Mesa Verde and Blanco Pictured Cliffs pools.

It is intended to locate the El Paso Natural Gas Company Mudge #3A at 1345' from the North line and 800' from the West line of Section 9, T-31-N, R-11-W, San Juan County, New Mexico.

There is a high narrow ridge that runs on the South and East side of the proposed location. There is a pipeline to the North and this makes it impossible to build an orthodox location (see attached plat).

In compliance with New Mexico Oil Conservation Commission rules, we are notifying you, as operator of an offsetting proration unit, of our application for administrative approval for the aforementioned unorthodox gas well location. Enclosed are three copies of this letter. If there is no objection to this location, please sign and return one copy to the New Mexico Oil Conservation Commission, Post Office Box 2088, Santa Fe, New Mexico 87501; one copy to El Paso Natural Gas Company, and keep one copy for your files.

A plat showing the proposed well location and offsetting Mesa Verde and Pictured Cliffs lease ownership is attached.

Yours truly,



D. R. Read  
Division Drilling Engineer

DRR:pb

Approved by:

Gulf Oil Corporation

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

El Paso Natural Gas Company

## 3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

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

At surface

1345'N, 800'W

At proposed prod. zone

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

## 15. DISTANCE FROM PROPOSED\*

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

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

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

6181'GL

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT            |
|--------------|----------------|-----------------|---------------|-------------------------------|
| 13 3/4"      | 9 5/8"         | 32.3#           | 200'          | 224 cu.ft. to circulate       |
| 8 3/4"       | 7"             | 20.0#           | 3225'         | 495 cu.ft. to cover Ojo Alamo |
| 6 1/4"       | 4 1/2" liner   | 10.5#           | 3075-5525'    | 427 cu.ft. to fill to 3075'   |

Selectively perforate and sandwater fracture the Mesa Verde and Pictured Cliffs formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 9 is dedicated to this well.

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.

## 24.

SIGNED

*A. G. Lisco*

TITLE

Drilling Clerk

DATE

9-23-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

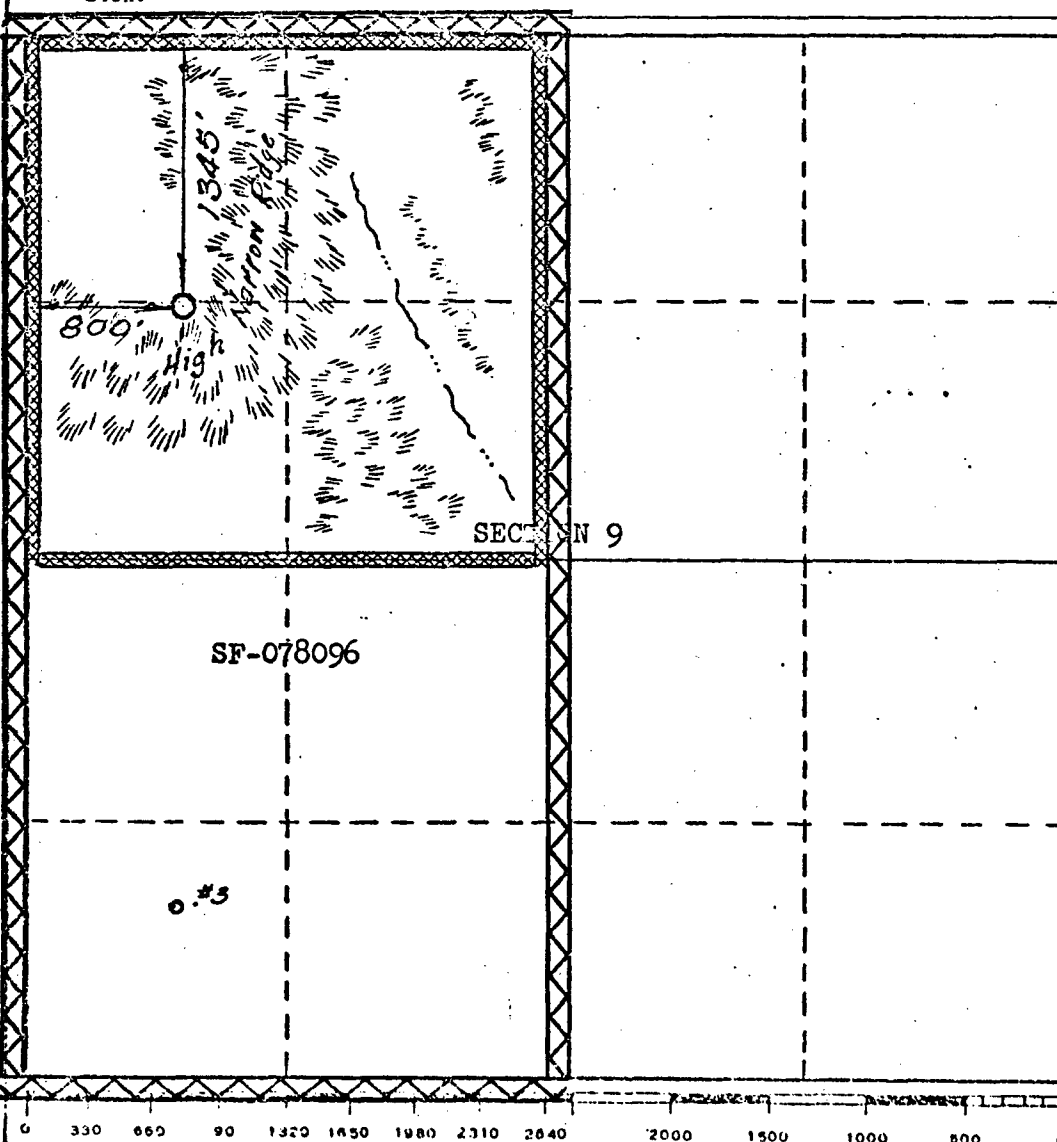
|   |   |                  |  |   |             |
|---|---|------------------|--|---|-------------|
| EL PASO NATURAL GAS COMPANY   |   |                  | Lease MUDGE (SF-078096)                          |   | Well No. 3A |
| Unit Letter<br>E  | Section<br>9                                      | Township<br>31-N | Range<br>11-W                                    | County<br>SAN JUAN                          |             |
| Actual Footage Location of Well:<br>1345 feet from the NORTH line and 800 feet from the WEST line |   |                  |  |   |             |
| Ground Level Elev.<br>6181  | Producing Formation MESA VERDE<br>PICTURED CLIFFS |                  | Pool BLANCO PICTURED CLIFFS<br>BLANCO MESA VERDE | Dedicated Acreage:<br>320.00 & 160.00 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 Commission. NOTE: THIS PLAT IS REISSUED TO SHOW DUAL COMPLETION. 8-26-77



CERTIFICATION

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

Name

Position

Company

Date

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

AUGUST 9, 1977

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. 1760

OIL CONSERVATION COMMISSION  
Aytec DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE October 17, 1977

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL ✓ \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

OCT 20 1977

Gentlemen:

I have examined the application dated 10-12-77  
for the El Paso Natural Gas Co. Mudge #3A E-9-31N-11W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

AR Tensfick