

El Paso NATURAL GAS
COMPANY



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

May 5, 1977

NSL-850

104 F

Due May 29

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 in both the Blanco Pictured Cliffs and Blanco Mesa Verde pools.

It is intended to locate the El Paso Natural Gas Company Mudge #4A 1015' from the North line and 1950' from the West line of Section 1, T-31-N, R-11-W, in San Juan County, New Mexico.

There is a bluff located directly west of the proposed location which makes it extremely difficult and expensive to build an orthodox location. The subject well is unorthodox because it is located less than 790' from the East lease line. El Paso is the offset operator to the east.

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

A plat showing the proposed well location and one showing offset ownership are attached.

Sincerely,

A handwritten signature in cursive script that reads "L. A. Aimes".

L. A. Aimes
Sr. Drilling Engineer

LAA:pb

cc: P. T. McGrath
A. R. Kendrick
Jim Permenter

EL PASO NATURAL GAS COMPANY

Well Name MUDGE #4 A, Blanco Mesaverde

Footage---- 1015' FNL, 1950' FWL

APPLICATION FOR NON-STANDARD LOCATION

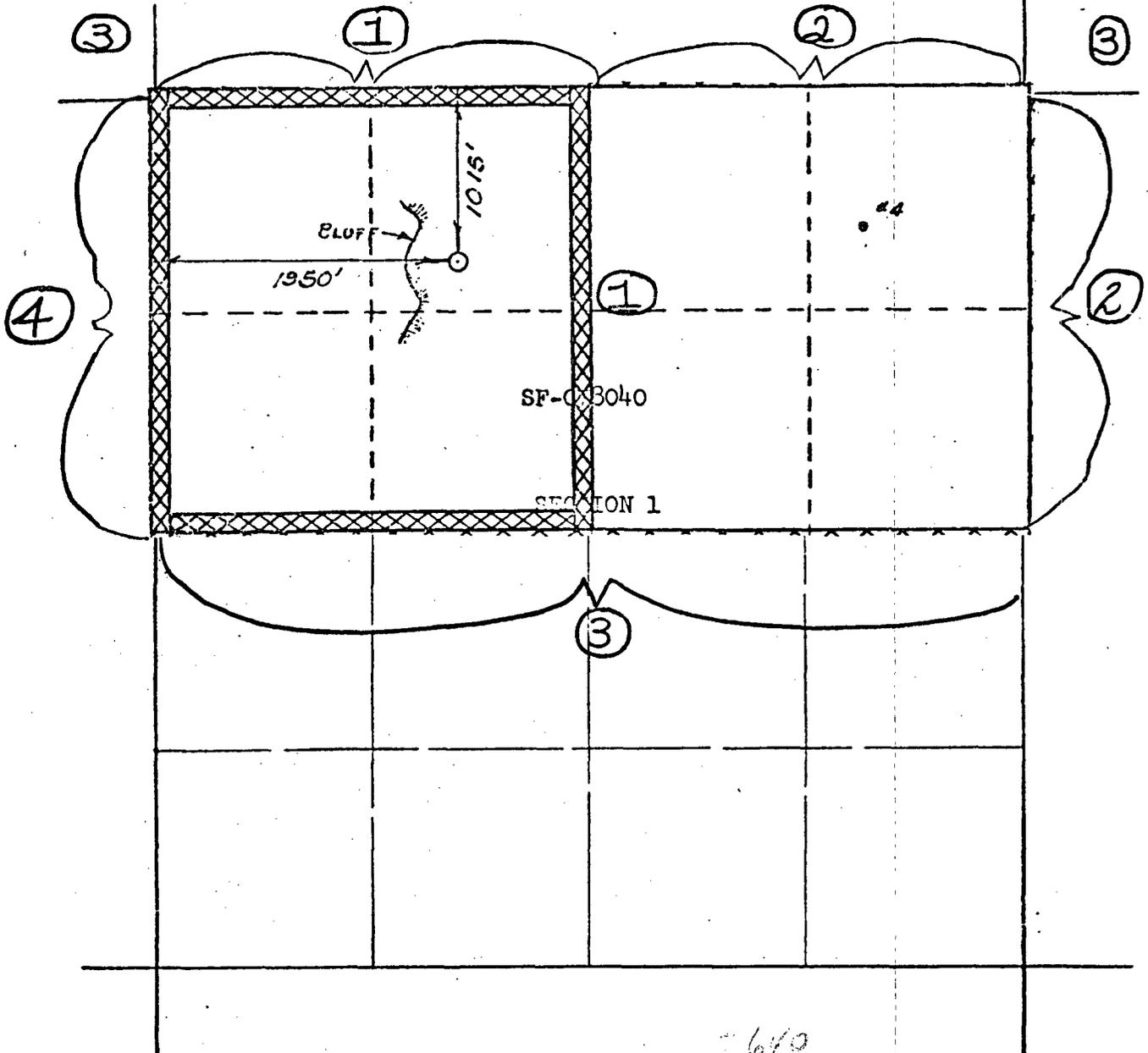
County San Juan

State New Mexico

Section 1

Township 31. N.

Range 11 W



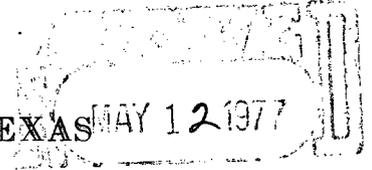
- REMARKS:
- 1. El Paso Natural Gas Company
 - 2. Mesa Petroleum
 - 3. Aztec Oil & Gas Company
 - 4. American Petrofina et al

640
1950
690



AMERICAN PETROFINA COMPANY OF TEXAS

POST OFFICE BOX 2159 • DALLAS, TEXAS



7520 CONSERVATION COMM.
Santa Fe

PLEASE REPLY TO:
PRODUCTION DEPARTMENT

May 10, 1977

New Mexico Oil Conservation Commission
P. O. Box 1088
Santa Fe, New Mexico 87501

Re: Unorthodox Location
El Paso Natural Gas Company
Mudge #4A
1950' FWL and 1015' FNL of
Section 1, T31N-R11W, San Juan
County, New Mexico

Gentlemen:

As requested by El Paso Natural Gas Company, enclosed herewith for your file is an approved copy of their letter dated May 5, 1977.

Very truly yours,

W. F. Barthelemy

WFB:bj

Encl.

cc: El Paso Natural Gas Company
P. O. Box 990
Farmington, New Mexico 87401
Attention: Mr. L. A. Aimes
Senior Drilling Engineer

El Paso NATURAL GAS
COMPANY

MAY 12 1977
OIL CONSERVATION COMMISSION
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

May 5, 1977

Mesa Petroleum
Aztec Oil & Gas Company
American Petrofina

Re: Unorthodox Location

Gentlemen:

El Paso Natural Gas Company has requested administrative approval from the New Mexico Oil Conservation Commission for an unorthodox gas well location for an infill Mesa Verde - Pictured Cliffs dual well.

It is intended to locate the El Paso Natural Gas Company Mudge #4A 1950' from the West line and 1015' from the North line of Section 1, T-31-N, R-11-W, San Juan County, New Mexico.

This is necessary due to terrain problems shown on the attached plats.

In compliance with New Mexico Oil Conservation Commission rules, we are notifying you, as operators of an offsetting proration unit, of our unorthodox application for administrative approval for the aforementioned unorthodox gas well location. Enclosed are three copies of this letter. If there are no objections to this location, please sign and return one copy to the New Mexico Oil Conservation Commission, Post Office Box 1088, 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 lease ownership is attached.

Yours truly,

L. A. Aimes

L. A. Aimes
Sr. Drilling Engineer

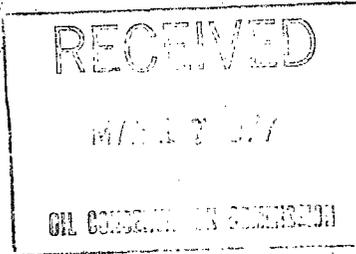
LAA:pb

AMERICAN PETROFINA COMPANY OF TEXAS

Approved: *[Signature]*

Date: 5-10-77

El Paso NATURAL GAS
COMPANY



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

May 5, 1977

Mesa Petroleum
Aztec Oil & Gas Company
American Petrofina

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Yours truly,

A handwritten signature in cursive that reads "L. A. Aimes".

L. A. Aimes
Sr. Drilling Engineer

LAA:pb

Approved: _____

Date: 5-16-77

RECEIVED

MAY 10 1977

FARMINGTON DISTRICT

El Paso NATURAL GAS
COMPANY



RECEIVED

MAY - 9 1977

Mesa Petroleum
Aztec Oil & Gas Company
American Petrofina

AMA. PROD.

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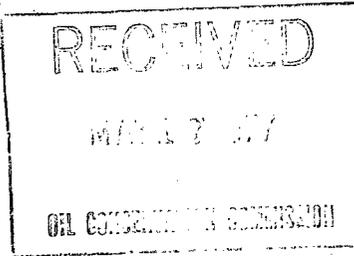
L. A. Aimes
Sr. Drilling Engineer

LAA:pb

Approved: Central Division Manager
Mesa Petroleum Co.

Date: May 12, 1977

El Paso NATURAL GAS
COMPANY



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

May 5, 1977

Mesa Petroleum
Aztec Oil & Gas Company
American Petrofina

Re: Unorthodox Location

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Yours truly,

Handwritten signature of L. A. Aimes in cursive.

L. A. Aimes
Sr. Drilling Engineer

LAA:pb

Approved: _____

Date: 5-16-77

RECEIVED

MAY 10 1977

FARMINGTON DISTRICT

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 1015'N, 1950'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 drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
106.34 & 320.59

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

19. PROPOSED DEPTH
5765'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6337'GL

22. APPROX. DATE WORK WILL START*

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#	3445'	500 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2" liner	10.5#	3295-5765'	430 cu.ft. to fill to 3295'

Selectively perforate and sandwater fracture the Mesa Verde and the 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 N/2 of Section 1 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. Busco TITLE Drilling Clerk DATE May 5, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
SF 078040
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
Mudge
 9. WELL NO.
4A
 10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliffs
Blanco Mesa Verde
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T-31-N, R-11-W
NMPM
 12. COUNTY OR PARISH 13. STATE
San Juan NM

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION FORM

Form C-102
Supersedes C-128
Effective 1-1-55

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

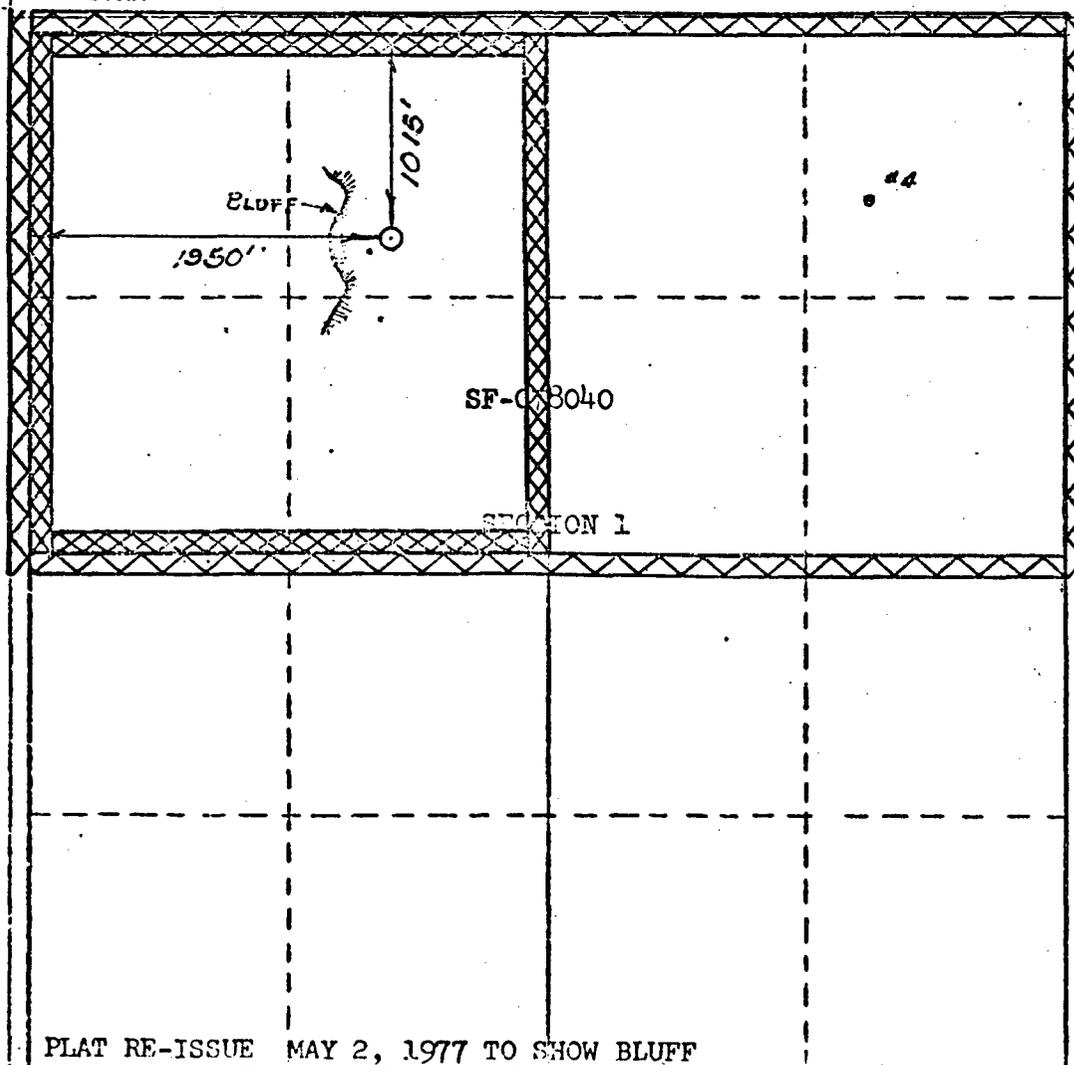
Operator EL PASO NATURAL GAS COMPANY		Lease MUDGE (SF-078040)		Well No. 4A
Unit Letter C	Section 1	Township 31-N	Range 11-W	County SAN JUAN
Actual Footure Location of Well: 1015 feet from the NORTH line and 1950 feet from the WEST line				
Ground Level Elev. 6337	Producing Formation PICTURED CLIFFS & MESA VERDE	Pool BLANCO PICTURED CLIFFS BLANCO MESA VERDE	Dedicated Acreage: 160.34 & 320.59 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.



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
APRIL 7, 1977
Registered Professional Engineer
and/or Land Surveyor
[Signature]

PLAT RE-ISSUE MAY 2, 1977 TO SHOW BLUFF

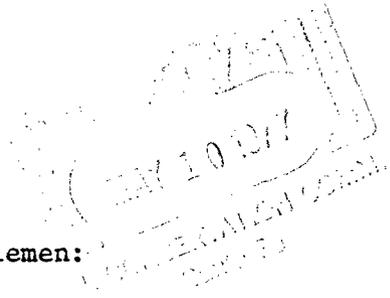
Certificate No. **1760**

OIL CONSERVATION COMMISSION
Cheyenne DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-6-77

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL ✓ _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated 5-5-77
for the El Paso Natural Gas Co. Mudge #4A C-1-31N-114
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Hendrick