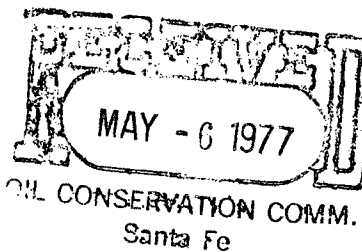


El Paso NATURAL GAS
COMPANY



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

May 3, 1977

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

NSL-846
104 F
Here May 26

Dear Mr. Ramey:

This is a request for administrative approval for an unorthodox gas well location for an infill Mesa Verde well in the Blanco Mesa Verde pool.

It is intended to locate the El Paso Natural Gas Company Howell M #1A at 810' from the South line and 550' from the West line of Section 31, T-30-N, R-8-W, in San Juan County, New Mexico.

Because of the configuration of Section 31, it is impossible to cause the subject well location to be orthodox in an east west direction as shown by the 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 configuration of Section 31 along with an ownership plat are attached.

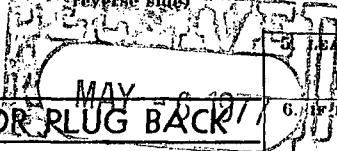
Yours truly,

A handwritten signature in cursive script, appearing to read "L. A. Aimes".

L. A. Aimes
Senior Drilling Engineer

LAA:pb

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYOther instructions on
reverse sideLEASE DESIGNATION AND SERIAL NO.
NM 012708
INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐OIL CONSERVATION COMM.
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

At proposed prod. zone

810'S, 550'W

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

282.5

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

19. PROPOSED DEPTH

5550'

20. ROTARY OR CABLE TOOLS

Rotary

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

6269'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#	3325'	350 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3175-5550'	414 cu.ft. to fill to 3175'

Selectively perforate and sandwater fracture the Mesa Verde 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 SW/4 of Section 30 and the W/2 of Section 31 are 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. Bisco

TITLE

Drilling Clerk

DATE

May 3, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

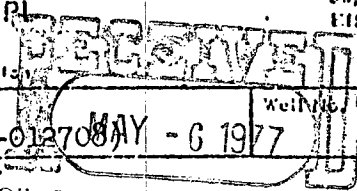
DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-120
Effective 1-1-65

All distances must be from the outer boundaries of the Section



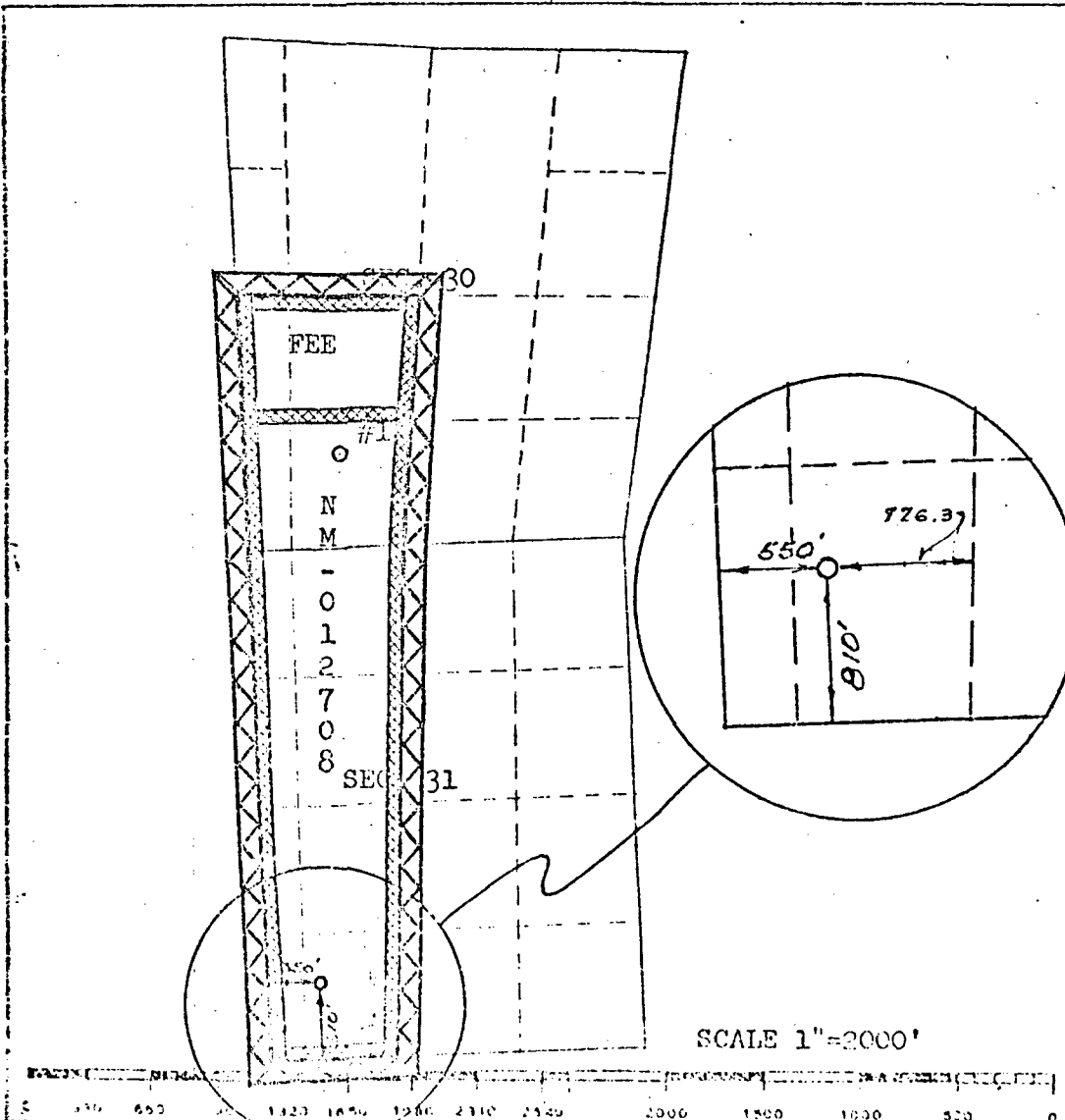
Operator EL PASO NATURAL GAS COMPANY		Lease HOWELL M		(NM-012708) MAY - 6 1977	
Well Letter N	Section 31	Township 30-N	Range 8-W	County SAN JUAN	
Actual Footage Location of Well: 810 feet from the SOUTH line and 550 feet from the WEST line					
Ground Level Elev. 6269	Producing Formation MESA VERDE		Pool BLANCO MESA VERDE	Dedicated Acreage: 282.5 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 REFLECT A MOVED LOCATION AT REQUEST OF N.M.O.C.C.



CERTIFICATION

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

D. G. Davis

Name
Drilling Clerk
Position
El Paso Natural Gas Co.
Company
May 3, 1977
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
MARCH 21, 1977

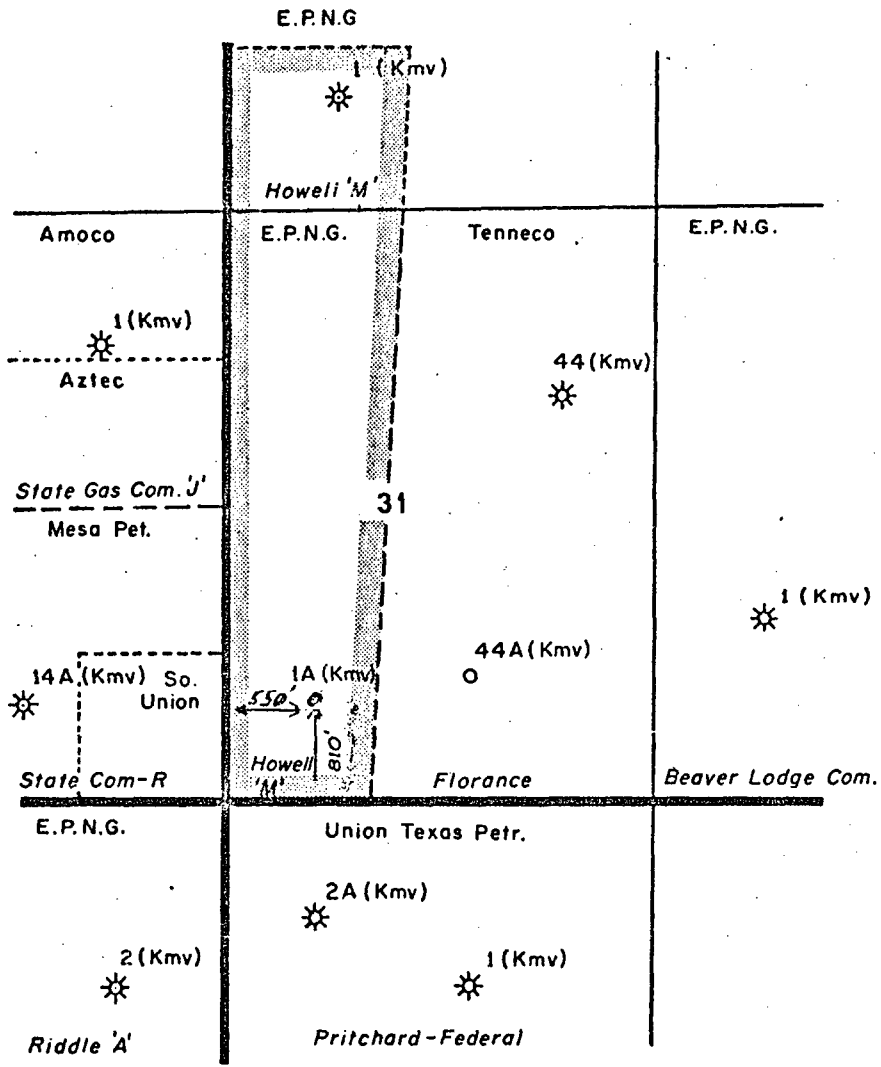
Registered Professional Engineer
and/or Land Surveyor

[Signature]

Certificate No.
1760

RECEIVED
MAY - 6 1977
OIL CONSERVATION COMM.
Santa Fe

R 8 W



T
30
N

RT.	SUP.	DATE	TO	W.O.

ENG. REC.	DATE
DRAWN J.H.	4/5/77
CHECKED	
CHECKED	
PROJ. APP.	
DESIGN	
W.O.	

El Paso Natural Gas Company

MESAVERDE OWNERSHIP

Offsetting 1A Howell 'M' (Kmv), Section 31-30N - 8W

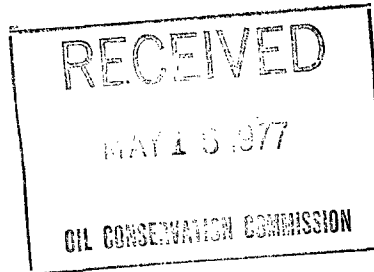
San Juan Co., New Mexico

SCALE 3" = 1 mi.

DWG. NO.

REV

El Paso NATURAL GAS
COMPANY



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

May 4, 1977

Amoco Production
Aztec Oil & Gas Company
Mesa Petroleum
Southern Union Production
Union Oil of Texas
Tenneco Oil Company

RECEIVED

MAY - 9 1977

AMA. PROD.

Re: Unorthodox Gas Well Location

Gentlemen:

El Paso Natural Gas Company has requested administrative approval for an unorthodox gas well location for an infill Mesa Verde well in the Blanco Mesa Verde pool.

It is intended to locate the El Paso Natural Gas Company Howell M #1A at 810' from the South line and 550' from the West line of Section 31, T-30-N, R-8-W, San Juan County, New Mexico.

This is necessary because of the configuration of Section 31 as shown by 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 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 lease ownership is attached.

Yours truly,

L. A. Aimes

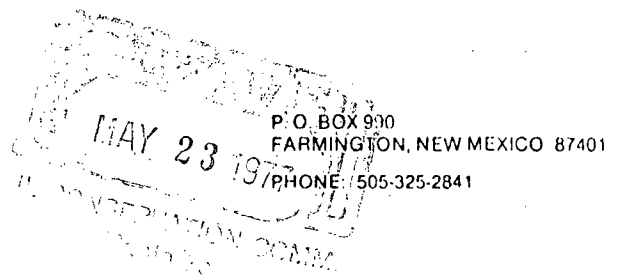
L. A. Aimes
Sr. Drilling Engineer

LAA:pb

Approved: *[Signature]* Central Division Manager
Mesa Petroleum Co.

Date: May 12, 1977

El Paso NATURAL GAS
COMPANY



May 4, 1977

Amoco Production
Aztec Oil & Gas Company
Mesa Petroleum
Southern Union Production
Union Oil of Texas
Tenneco Oil Company

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Yours truly,

L. A. Aimes
L. A. Aimes

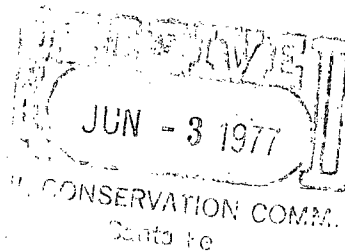
Sr. Drilling Engineer

LAA:pb

Approved: *John A. Freeman*

Date: *May 19, 1977*

El Paso NATURAL GAS
COMPANY



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

May 4, 1977

hsk - 846

Amoco Production
Aztec Oil & Gas Company
Mesa Petroleum
Southern Union Production
Union Oil of Texas
Tenneco Oil Company

Re: Unorthodox Gas Well Location

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Yours truly,

L. A. Aimes

L. A. Aimes
Sr. Drilling Engineer

LAA:pb

SUPRON ENERGY CORPORATION

Approved: *Bill Curtis*

Bill Curtis, Manager of Lands

Date: _____

H

El Paso NATURAL GAS
COMPANY

MAY 3

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

May 4, 1977

Amoco Production
Aztec Oil & Gas Company
Mesa Petroleum
Southern Union Production
Union Oil of Texas
Tenneco Oil Company

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

Yours truly,

L. A. Aimes
L. A. Aimes

Sr. Drilling Engineer

LAA:pb

Approved: RB Giles for Amoco Production Co.

Date: 5/11/77

El Paso NATURAL GAS
COMPANY

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

May 4, 1977

Crown Central Petroleum
Amoco Production
W. P. Carr
Southern Union

Re: Unorthodox Gas Well 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 well in the Blanco Mesa Verde pool.

EAST

It is intended to locate the Hutchin #1A at 1510' from the South line and 2000' from the West line of Section 7, T-31-N, R-10-W, San Juan County, New Mexico.

This is necessary because an orthodox location would place the subject well amongst irrigated fields, fences and ditches belonging to farmers in the area.

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 2088, Santa Fe, New Mexico 87501, one to El Paso Natural Gas Company and keep one copy for your files.

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L. A. Aimes
L. A. Aimes

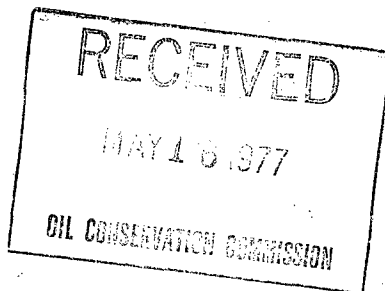
Sr. Drilling Engineer

LAA:pb

Approved: RB Giles for Amoco Production Company

Date: 5/11/77

El Paso NATURAL GAS
COMPANY



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

May 4, 1977

Amoco Production
Aztec Oil & Gas Company
Mesa Petroleum
Southern Union Production
Union Oil of Texas
Tenneco Oil Company

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Yours truly,

L. A. Aimes
L. A. Aimes

Sr. Drilling Engineer

LAA:pb

Approved: _____

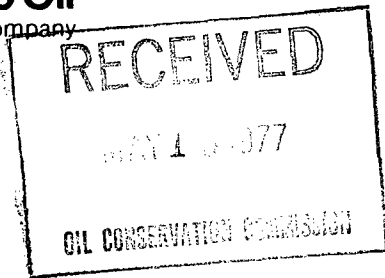
Date: _____

5-9-77

Tenneco Oil

A Tenneco Company

Suite 1200
Lincoln Tower Building
Denver, Colorado 80203
(303) 292-9920



May 9, 1977

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: Unorthodox Gas Well Location
Howell M-1-A
San Juan County, New Mexico

Gentlemen:

Attached is an approved copy of the request for an unorthodox well location for the captioned Mesaverde Infill well.

Tenneco Oil Company has no objection to the granting of such a request.

Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script that reads "D. D. Myers".

D. D. Myers
Division Production Manager

DDM:RJG:v
Attachment

OIL CONSERVATION COMMISSION
Ayala DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 5-9-77

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

Jim Kapteina

Gentlemen:

I have examined the application dated 5-3-77
for the El Paso Natural Gas Co. Howell M#1A M-31-30N-8W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Hendrick