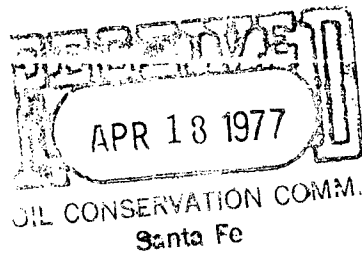


**El Paso** NATURAL GAS  
COMPANY

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



April 15, 1977

*NSL-841*

*104 F*

*Nine May 8*

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 in the Blanco Mesa Verde pool.

It is intended to locate the El Paso Natural Gas Company Barrett #1A 1020' from the West line and 1150' from the North line of Section 19, T-31-N, R-9-W, NMPM, San Juan County, New Mexico. The western half of Section 19 and the northwest quarter of Section 30 is dedicated to this well.

This is a short section that has a pipeline crossing the northwest quarter of Section 19 and the drilling tract is approximately 1680' wide; therefore it is impossible to move the proposed location to the center of the drilling tract for 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 with the existing pipeline and ownership of offset leases are attached.

Sincerely yours,

D. R. Read  
Division Drilling Engineer

DRR:pb

cc: A. L. Kendrick  
J. Permenter  
P. T. McGrath

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>SF 078336-B</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>El Paso Natural Gas Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>PO Box 990, Farmington, NM 87401</b>		8. FARM OR LEASE NAME <b>Barrett</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1150'N, 1020'W</b>  At proposed prod. zone		9. WELL NO. <b>1A</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT <b>Blanco Mesa Verde</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 19, T-31-N, R-9-W NMPM</b>
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH <b>San Juan</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>305.09</b>		13. STATE <b>NM</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6620'GL</b>		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#	3855'	395 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3705-6115'	420 cu.ft. to fill to 3705'.

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 W/2 of Section 19 and the NW/4 of Section 30 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 April 14, 1977  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102  
Supersedes O-129  
Effective 1-1-65

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

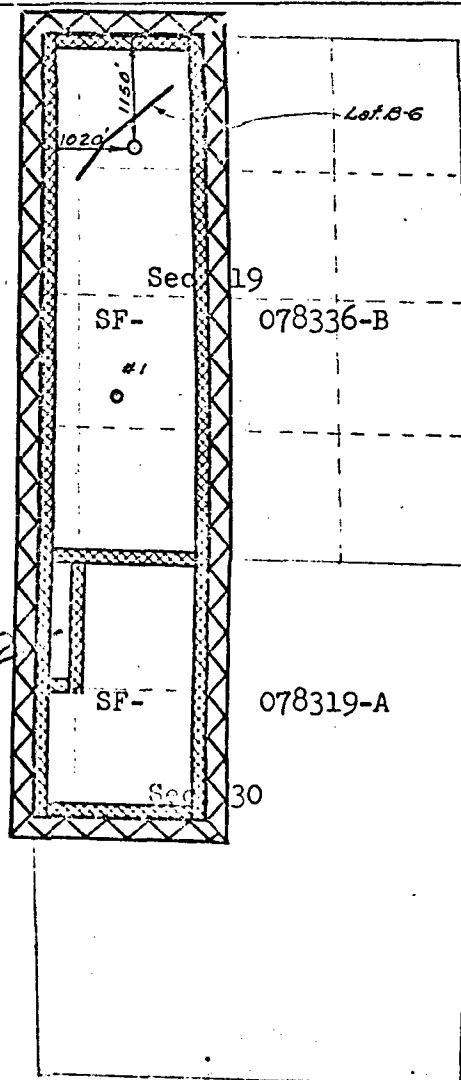
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>BARRETT (SF-078336-B)</b>		Well No. <b>1A</b>
Unit Letter <b>C</b>	Section <b>19</b>	Township <b>31-N</b>	Range <b>9-W</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>1150</b> feet from the <b>NORTH</b> line and <b>1020</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>6620</b>	Producing Formation <b>MESA VERDE</b>	Pool <b>BLANCO MESA VERDE</b>	Dedicated Acreage: <b>309.09</b> 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 Communitization

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 ENCROACHING PIPELINE. 4-7-77



CERTIFICATION

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

*A. G. Duico*

Name  
**Drilling Clerk**  
Position  
**El Paso Natural Gas Co**  
Company  
**April 14, 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 29, 1977**

Registered Professional Engineer and/or Land Surveyor

*David R. Rhee*  
Certificate No. **1760**

Scale: 1" = 2,000 ft.

R 9 W

18

13

Koch Expl.

E.P.N.G.

1 (Kmv)

1A (Kmv)

Walker

32-9 Unit

E.P.N.G.

E.P.N.G.

1150'

1020'

1A (Kmv)

2 (Kmv)

2 (Kmv)

24

19

1 (Kmv)

T  
31  
N

Atlantic

Barrett

E.P.N.G.

E.P.N.G.


2 (Kmv)

Riddle 'C'

Forrest B.  
Miller et al  
NM 01584

25

30

				ENG. REC.		DATE		 <b>El Paso Natural Gas Company</b>					
				DRAWN		J.H.		4/12/77		<b>MESAVERDE OWNERSHIP</b>			
				CHECKED						Offsetting 1A Barrett (Kmv), Section 30-31N-9W			
				CHECKED						San Juan Co., New Mexico			
				PROJ. APP						SCALE: 3" = 1 mi.			
				DESIGN						DWG. NO.			
				W.O.						REV.			
<b>PRINT RECORD</b>													

**El Paso** NATURAL GAS  
COMPANY

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

April 15, 1977

Koch Exploration  
Post Office Box 2256  
Wichita, Kansas 67201

Gentlemen:

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

It is intended to locate the El Paso Natural Gas Company Barrett #1A 1020' from the West line and 1150' from the North line of Section 19, T-31-N, R-9-W, NMPM, San Juan County, New Mexico. The western half of Section 19 and the northwest quarter of Section 30 is dedicated to this well.

This is a short section that has a pipeline crossing the northwest quarter of Section 19 and the drilling tract is approximately 1680' wide; therefore it is impossible to move the proposed location to the center of the drilling tract for 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 objections to this location, please sign and return one to the New Mexico Oil Conservation, Post Office Box 2088, Santa Fe, New Mexico 87501, one 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.

Sincerely,



D. R. Read  
Division Drilling Engineer

Approved: \_\_\_\_\_

Koch Exploration

\_\_\_\_\_  
Date

OIL CONSERVATION COMMISSION

Alto DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 4-18-77

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL 7 \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

*J. E. Kapteina*

Gentlemen:

I have examined the application dated 4-15-77  
for the El Paso Natural Gas Co. Barrett #1-A C-19-31N-9W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

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

Yours very truly,

AR Bendrick