

# El Paso Natural Gas Company

El Paso, Texas 79999

November 22, 1966

66 NOV 28 PM 1 01

Oil Conservation Commission  
State of New Mexico  
Post Office Box 2088  
Santa Fe, New Mexico

Re: Application for Exception to  
Rule 5(A) of Order No. R-1670  
for Non-Standard Proration Unit,  
Eumont Gas Pool  
Lea County, New Mexico  
(Southeastern New Mexico)

Gentlemen:

By Bill of Sale from Shell Oil Company dated October 27, 1966, El Paso Natural Gas Company purchased the Coleman No. 1 Well located in the W/2 SE/4 of Section 17, Township 21 South, Range 36 East, Lea County, New Mexico. El Paso Natural Gas Company plans to re-enter this well and complete it as a gas well in the Queen Formation.

For these reasons and in accordance with Rule 5(C) of Order No. R-1670 (Southeastern New Mexico), El Paso Natural Gas Company hereby submits its application for administrative approval of a non-standard gas proration unit consisting of the W/2 SE/4 of Section 17, Township 21 South, Range 36 East, Lea County, New Mexico, and in support thereof states the following facts:

1. That the proposed non-standard proration unit consists of 80.00 acres which is less than a standard proration unit
2. That the proposed non-standard proration unit consists of contiguous quarter-quarter sections and lots
3. That the proposed non-standard proration unit lies wholly within a single governmental section
4. That the Coleman No. 1 Well, located 2,310 feet from the South and East lines of Section 17, Township 21 South, Range 36 East, and the entire non-standard gas proration unit may reasonably be presumed to be productive of gas from the Eumont Gas Pool
5. That the length or width of the non-standard gas proration unit does not exceed 5,280 feet
6. That by copies of this letter of application all operators owning interests (a) in the section in which any part of the non-standard gas

*Handwritten:*  
JMM  
NSP-770  
issue 12-28-66

*Handwritten:*  
Since this will  
be a 330-330  
location allow a NSU  
in the order

November 22, 1966

proration unit is situated and which acreage is not included within said non-standard gas proration unit and (b) all operators owning interests within 1,500 feet of the well to which such non-standard gas proration unit is proposed to be dedicated, are notified by registered mail of this non-standard gas proration unit.

Therefore, El Paso Natural Gas Company requests that under the provisions of Rule 5(C) of Order No. R-1670, the Secretary of the Commission grant exception to Rule 5(A) without Notice and Hearing and approve the subject non-standard gas proration unit.

Respectfully submitted,

EL PASO NATURAL GAS COMPANY

By

*T. W. Bittick*  
T. W. Bittick  
Manager  
Land Department

PROTN.	<i>Reb</i>
RES. ENG.	<i>Wm</i>
LEGAL	<i>Ken</i>

TWB:JRP:sb  
NM-7

cc: Shell Oil Company  
P. O. Box 1509  
Midland, Texas 79704

Continental Oil Company  
P. O. Box 460  
Hobbs, New Mexico 88240

Skelly Oil Company  
P. O. Box 993  
Midland, Texas 79704

Atlantic Richfield Company  
P. O. Box 6640  
Roswell, New Mexico 88201

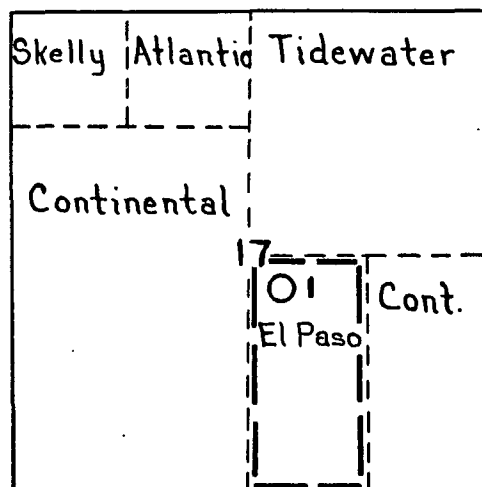
Tidewater Oil Company  
P. O. Box 249  
Hobbs, New Mexico 88240

SUBSCRIBED AND SWORN TO before me by the said T. W. BITTICK this 22<sup>nd</sup> day of November, 1966, to certify which witness my hand and seal of office.

My Commission Expires:  
MARIAN DAVIS

*Marian Davis*  
Notary Public

W/2 SE/4 SEC. 17, T-21-S, R-36-E



**EL PASO NATURAL GAS COMPANY**

Plat Accompanying Application  
For 80.00 Acre Non-Standard  
Gas Unit

**COLEMAN # 1**  
Queen (Eumont Gas Pool)

OIL CONSERVATION COMMISSION

P. O. BOX 2088  
SANTA FE, NEW MEXICO

December 28, 1966

C  
O  
P  
Y  
El Paso Natural Gas Company  
P. O. Box 1492  
El Paso, Texas 79999

Attention: Mr. T. W. Bittick

Administrative Order NSP-770

Gentlemen:

Reference is made to your application for approval of an 80-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the following acreage:

LEA COUNTY, NEW MEXICO  
TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM  
Section 17: W/2 SE/4

It is understood that this unit is to be dedicated to your Coleman Well No. 1, located at an unorthodox location 2310 feet from the South line and 2310 feet from the East line of said Section 17.

By authority granted me under the provisions of Order No. R-1670, as amended, you are hereby authorized to operate the above-described acreage as a non-standard gas proration unit.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/GMH/esr

cc: Oil Conservation Commission - Hobbs  
Oil & Gas Engineering Committee - Hobbs  
Proration Department, OCC - Santa Fe

# El Paso Natural Gas Company

El Paso, Texas 79999

December 29, 1966

ADDRESS REPLY TO:  
ROOM 2000 - WILCO BLDG.  
MIDLAND, TEXAS 79704

New Mexico Oil Conservation Commission  
Box 2088  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

RE: El Paso Natural Gas Company  
Coleman No. 1  
Sec. 17; T-25S; R-36E  
Lea County, New Mexico

Gentlemen:

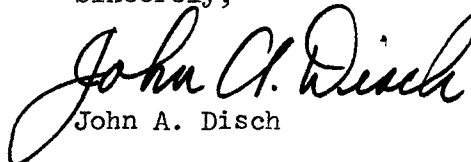
We recently purchased the above well from Shell Oil Company. This well was an oil well completed in the Eumont-Queens and has turned to gas. We own the gas rights under the 80 acres in Unit J and O, of the above described location.

As a result of a Commission request to test all casing strings in the area, it was discovered that the annulus between the 7" casing and 9-5/8" casing produced sweet gas, AOF of 5,506 Mcf/day, coming from the Yates formation and designated as Eumont ~~Queens~~ pool.

We respectfully request of the Commission permission to dual this well as described on the enclosed diagrammatic sketch. We have conducted tests on the two zones, the lower zone producing sour gas, the upper zone producing sweet gas. The lower zone shut-in pressure was 400 psig and an AOF of 793.4 Mcf/day. The upper zone shut-in pressure was 738 psig and an AOF of 5,506 Mcf/day.

As required, we have notified all offset operators of our intentions. Should other data or information be required, please notify.

Sincerely,

  
John A. Disch

JAD/jan

Enclosure

**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.

Operator <b>El Paso Natural Gas Company</b>		Lease <b>Coleman</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>17</b>	Township <b>21 S</b>	Range <b>36 E</b>	County <b>Lea</b>
Actual Footage Location of Well:				
<b>2310</b> feet from the <b>South</b> line and		<b>2310</b> feet from the <b>East</b> line		
Ground Level Elev: <b>3631'</b>	Producing Formation <b>Queen</b>	Pool <b>Eumont Queen</b>	Dedicated Acreage: <b>88</b> Acres	

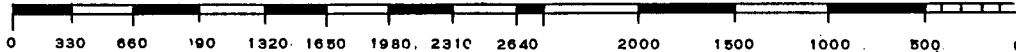
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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.) none

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.

	<b>CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name <b>John A. Disch</b> Position <b>Petroleum Engineer</b> Company <b>El Paso Natural Gas Co.</b> Date <b>December 28, 1966</b>
	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 _____  Registered Professional Engineer and/or Land Surveyor _____  Certificate No. _____



NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>El Paso Natural Gas Company</b>		County <b>Lea</b>		Date <b>December 28, 1966</b>
Address <b>2000 Wilco Building, Midland, Texas</b>		Lease <b>Coleman</b>		Well No. <b>1</b>
Location of Well <b>J</b>	Unit <b>17</b>	Section <b>21S</b>	Township <b>36E</b>	Range <b>36E</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. DC 317; Operator Lease, and Well No.: Continental Oil Co. B-17 #1

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Eumont - Yates</u>		<u>Eumont - Queen</u>
b. Top and Bottom of Pay Section (Perforations)	<u>2955' - 3350'</u>		<u>3619' to 4005'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flow</u>		<u>Flow</u>

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

<u>Shell Oil Company</u>	<u>Box 1509</u>	<u>Midland, Texas</u>
<u>Continental Oil Company</u>	<u>Box 460</u>	<u>Hobbs, New Mexico</u>
<u>Tidewater Oil Company</u>	<u>Box 1231</u>	<u>Midland, Texas</u>
<u>Atlantic Oil &amp; Refining Co.</u>	<u>Box 352</u>	<u>Midland, Texas</u>
<u>Skelly Oil Company</u>	<u>Box 730</u>	<u>Hobbs, New Mexico</u>
<u>Cities Service Oil Company</u>	<u>Box 69</u>	<u>Hobbs, New Mexico</u>

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification December 28, 1966.

CERTIFICATE: I, the undersigned, state that I am the Petroleum Engineer of the El Paso Natural Gas Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

El Paso Natural Gas Company  
COLEMAN #1  
Sec. 17, T-21S, R-36E  
Lea County

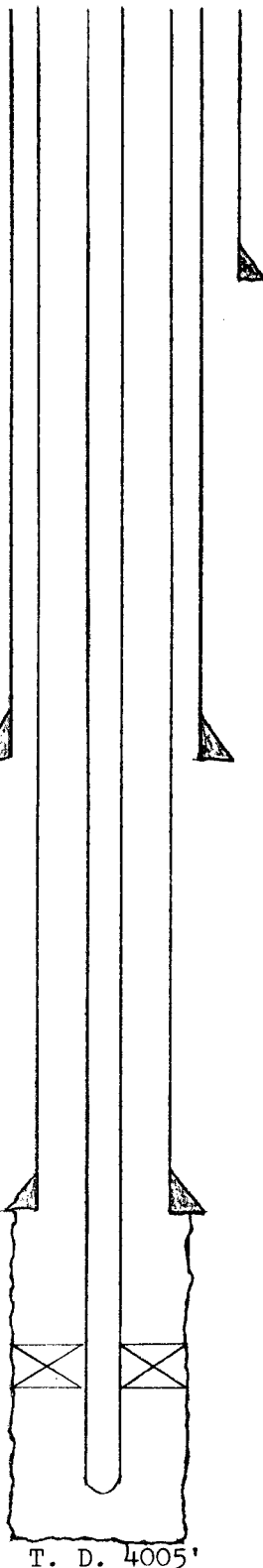
12 $\frac{1}{2}$ " casing  
@ 423' w/ 250 sxs.

9 5/8" casing  
@ 2955' w/600 sxs.

7" casing  
@ 3619' w/70 sxs.

3844' Lynes  
Production Packer

2 3/8" EUE @  
3885'



Yates Zone - to be completed as  
Bradenhead gas well, sweet gas,  
AOF of 5,506 Mcf/day. Designated  
as Eumont gas pool. SIP 738 psig.

Eumont - Queens Zone. Produces  
sour gas, AOF of 793.4 Mcf/day  
SIP 400 psig.



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	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

I.

Operator El Paso Natural Gas Company	
Address 2000 Wilco Building, Midland, Texas	
Reason(s) for filing (Check proper box)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/>
Change in Ownership <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Coleman	Well No. 1	Pool Name, Including Formation Eumont-Queens	Kind of Lease Patented State, Federal or Fee	Lease No.
Location				
Unit Letter J ; 2310 Feet From The South Line and 2310 Feet From The East				
Line of Section 17 Township 21 S Range 36E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	2000 Wilco Building Midland, Texas					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
					No	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
			X						X
Date Spudded October 18, 1930	Date Compl. Ready to Prod. October 22, 1930	Total Depth 4005'		P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.) DF 3641'	Name of Producing Formation Queen		Top Oil/Gas Pay 2955'		Tubing Depth 3885'				
Perforations Open hole completion through bradenhead						Depth Casing Shoe 3619'			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
NA	12 1/2"		423'		250				
NA	9 5/8"		2955'		600				
NA	7"		3619'		70				
	2 3/8"		3885'						

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D 836.5 Mcf/d	Length of Test 1 hour	Bbls. Condensate/MMCF none	Gravity of Condensate none
Testing Method (pitot, back pr.) Back Pressure	Tubing Pressure (shut-in)	Casing Pressure (shut-in) 738	Choke Size 1"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

John A. Dieck  
(Signature)  
Petroleum Engineer  
(Title)  
12/28/66  
(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_, 19 \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.