

INFILL DRILLING FINDINGS PURSUANT TO  
SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY  
COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978  
AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

I.

Operator El Paso Natural Gas Co. Well Name and No. Shell State E Com Well No. 2  
Location: Unit N Sec. 6 Twp. 21S Rng. 36E Cty. Lea

II.

THE DIVISION FINDS:

- (1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.
- (2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.
- (3) That the well for which a finding is sought is to be completed in the Eumont Gas Pool, and the standard spacing unit in said pool is 640 acres.
- (4) That a 230.32 -acre proration unit comprising ~~the~~ Lots 9, 10, 11, 12, 13, and 14 of Sec. 6, Twp. 21S, Rng. 36E, is currently dedicated to the Shell State E Com No. 1 located in Unit J of said section.
- (5) That this proration unit is ( ) standard (X) nonstandard; if nonstandard, said unit was previously approved by Order No. R-3327.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 507 M MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.
- (9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 11th day of June, 19 80.

  
DIVISION DIRECTOR X EXAMINER

June 11, 1980

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. Box 2086  
SANTA FE, NEW MEXICO  
87501

ADMINISTRATIVE ORDER  
NFL 18

INFILL DRILLING FINDINGS PURSUANT TO  
SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY  
COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978  
AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

I.

Operator El Paso Natural Gas Co. Well Name and No. Shell State E.Gm Well No 2  
Location: Unit N Sec. 6 Twp. 21 S Rng. 36 E Cty. Lea

II.

THE DIVISION FINDS:

- (1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.
- (2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.
- (3) That the well for which a finding is sought is to be completed in the Canyon GGS Pool, and the standard spacing unit in said pool is 646 acres.
- (4) That a 2028230.32 -acre proration unit comprising 646 9, 10, 11, 12, 13, and 14 of Sec. 6, Twp. 21 S, Rng. 36 E, is currently dedicated to the Shell State E.Gm Well No 1 located in Unit J of said section.
- (5) That this proration unit is ( ) standard (☒) nonstandard; if nonstandard, said unit was previously approved by Order No. R-3327.
- (6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.
- (7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 507 M MCF of gas from the proration unit which would not otherwise be recovered.
- (8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.
- (9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

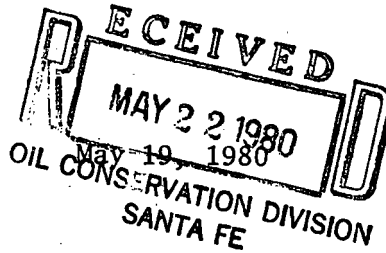
DONE at Santa Fe, New Mexico, on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

DIVISION DIRECTOR \_\_\_\_\_

EXAMINER \_\_\_\_\_

**El Paso** NATURAL GAS  
COMPANY

P.O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-543-2600



State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Sir:

Re: Request For An Administrative Finding  
That The Drilling Of The El Paso Nat-  
ural Gas Company Shell State E Com.  
No. 2, Located In Unit N, Section 6,  
T-21-S, R-36-E, Eumont Gas Pool, Lea  
County, New Mexico, Was Necessary To  
Effectively And Efficiently Drain A  
Portion Of The Reservoir Covered By  
The Proration Unit Which Could Not Be  
Effectively And Efficiently Drained  
By Any Existing Well Within The Pro-  
ration Unit.

Pursuant to New Mexico Oil Conservation Division Order No. R-6013-A dated February 8, 1980 and §271.305(b) of the final regulations of the Natural Gas Policy Act of 1978 (NGPA), we respectfully request a finding from your office that the drilling of the El Paso Natural Gas Company Shell E. Com. No. 2 was necessary to effectively and efficiently drain a portion of the Eumont Gas Pool covered by the proration unit which could not be effectively and efficiently drained by any existing well within the proration unit. The proration unit is described as Lots 9, 10, 11, 12, 13 and 14 (comprising 230.32 acres) of Section 6, T-21-S, R-36-E, Lea County, New Mexico.

The above described non-standard proration unit was established by New Mexico Oil Conservation Commission Order No. R-3327 dated October 11, 1967. The standard proration (spacing) unit for the Eumont Gas Pool is 640 acres. Normal proration unit factors utilized for allowable purposes for this pool are based on 160 acres. We have included a copy of the field rules applicable to the subject proration unit.

The support for this finding is attached and described below.

1. NMOCC Forms C-101 and C-102 - Copies of approved application to drill and proration unit dedicated.
2. NMOCC Form C-104 - Copy of notification of well name change from Shell F State Com. No. 1 to Shell State E Com. No. 2.
3. Well Status Report - Current status of wells drilled and completed in the Eumont Gas Pool within the subject non-standard proration unit.
4. NMOCC Form C-103 - Copy of plugging report filed on the EPNG Shell State Com. C No. 9.
5. Formation Structure Map - Structure map showing the subject proration unit and the seven adjacent proration units of that portion of the Eumont Gas Pool. Contours are on the top of the Yates formation. Also shown on the map are all Eumont wells within the proration units.
6. NMOCD Letter Approving Simultaneous Dedication - Letter dated January 16, 1979 advising approval of simultaneous dedication for the two wells producing on this proration unit as both wells are at standard locations for a unit of this size.
7. Rate Decline Curves - Rate decline curves for the two producing wells on the proration unit. These curves indicate that the development of the new well on the proration unit (Shell State E Com. No. 2) has not interfered with the old well (Shell State E Com. No. 1), therefore, any and all gas produced through the new well is gas that would not otherwise be effectively and efficiently recovered. Estimated original reserves to be recovered from the new well are 507 MMcf at 15.025 psia.
8. Allowable and Production Tabulation - Monthly tabulation of the actual marginal allowable, allowable if the proration unit was non-marginal and actual production from the proration unit. This tabulation shows that the first well on the proration unit was not capable of producing a non-marginal allowable and the development of the new well still did not provide enough additional production to enable the proration unit to produce a non-marginal allowable.

Operators of proration units offsetting the unit for which this finding is sought are listed below:

Atlantic Richfield Company  
Attention: Mr. David W. Sipperly  
P. O. Box 1610  
Midland, Texas 79702

Gulf Oil Corporation  
Attention Mr. R. E. Griffith  
P. O. Box 1150  
Midland, Texas 79702

Shell Oil Company  
Attention: Mr. B. H. Kouns  
P. O. Box 1509  
Midland, Texas 79702

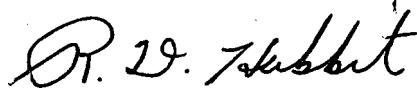
The above parties have been notified by registered mail of this request for a finding.

It should be noted that the well for which this finding is sought was spudded and completed prior to the passage of the NGPA but after February 19, 1977.

Upon the issuance of an affirmative finding regarding this well, we request that you consider our application for well classification under Section 103 of the NGPA of 1978. This application for determination was filed with your office on February 27, 1979.

Should you have any questions concerning this request for a finding and well classification, please contact the undersigned.

Very truly yours,



R. D. Habbit, Manager  
Reservoir Engineering Dept.

DRBalmer:cc

Attachments

**EUMONT GAS POOL**  
Lea County, New Mexico

Order No. R-1670, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Southeastern New Mexico, for the Eumont Gas Pool, Lea County, New Mexico, May 20, 1960.

(Order No. R-1670 Supersedes Order No. R-264, Creating the Eumont Gas Pool, Lea County, New Mexico, February 17, 1953, as Amended by Order No. R-264-A, November 10, 1953; Order No. R-356, Adopting Rules for Gas Wells in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, August 28, 1953; Order No. R-370, September 28, 1953; Order No. R-371, September 28, 1953; Order No. R-370-A, November 10, 1953; Order No. R-371-A, November 10, 1953; Order No. R-370-B, December 7, 1953; Order No. R-371-B, .....; Order No. R-520, August 12, 1954; Order No. R-520-A, August 31, 1954; Order No. R-663, July 7, 1955; Order No. R-767, March 14, 1956; Order No. R-767-A, April 16, 1956; and Order No. R-967, April 23, 1957.)

(The Eumont Gas Pool was created February 17, 1953, and proration was instituted January 1, 1954. The Eumont Gas Pool now includes portions of the acreage once included in the Jalco and Langmat Pools (now Jalmat) and all of the acreage formerly in the Arrow and Hardy Pools.)

**A. WELL LOCATION AND ACREAGE REQUIREMENTS**

**RULE 5(A).** A standard gas proration unit in the Eumont Gas Pool shall be 640 acres.

**RULE 5(B).** Any well drilled to and producing from the Eumont Gas Pool, as defined herein, prior to August 12, 1954 at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.

**C. ALLOCATION AND GRANTING OF ALLOWABLES**

**RULE 8(A).** The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the pool.

**RULE 8(B).** Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110, and a plat (Form C-128), whichever date is the later.

**G. GENERAL**

**RULE 22.** No gas, either dry gas or casinghead gas, shall

be flared or vented from any well at any time after ninety (90) days from the date such well is completed. Any operator who desires to obtain an exception to the provisions of Rule 22 of Section I of this order shall submit to the Secretary-Director of the Commission an application for such exception with a sworn statement setting forth the facts and circumstances justifying such exception. The Secretary-Director is hereby authorized to grant such an exception whenever the granting of the exception is reasonably necessary to protect correlative rights, prevent waste, or prevent undue hardship on the applicant under all the acts and circumstances as set forth in the statement. The Secretary-Director shall either (a) grant the exception within 15 days after receipt of the application and statement or (b) thereafter set the application for hearing by the Commission at a regular monthly hearing; provided, however, that no such applicant shall incur any penalty by reason of a delay in setting the application for hearing. Notice of hearing of the application shall be published in the manner provided by law and the Rules of the Commission. If the exception is granted by the Secretary-Director, a list of such exceptions shall be distributed in the Commission's regular mailing list.

The flaring or venting of gas from any well in violation of any provision of this rule will result in suspension of any further allowable until further order of the Commission.

**RULE 22(A).** Within 15 days after any oil or gas well within the boundaries of the Eumont Gas Pool is connected to a gas transportation facility, the operator shall file Form C-110 designating the disposition of gas from the well.

**RULE 22(B).** No extraction plant processing any gas from the Eumont Gas Pool shall flare or vent such gas unless such flaring or venting is made necessary by mechanical difficulties or unless the gas flared or vented is of no commercial value.

**H. MISCELLANEOUS SPECIAL POOL RULES**

**RULE 25.** The vertical limits of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers and Queen formations.

**RULE 26(A).** A gas well shall mean a well producing with a gas-oil ratio in excess of 100,000 cubic feet of gas per barrel of oil.

**RULE 26(B).** A well producing from the Eumont Gas Pool and not classified as a gas well, as defined in Section (A) of this rule, shall be classified as an oil well.

**RULE 26(C).** Oil wells producing from the Eumont Gas Pool shall be allowed to produce a volume of gas each day not exceeding the daily normal unit oil allowable multiplied by 10,000; provided, however, that such well shall not be allowed to produce oil in excess of the normal unit allowable as ordered by the Commission under the provisions of Statewide Rule 505.

|             |  |
|-------------|--|
| SAFETY      |  |
| FILE        |  |
| UNIT        |  |
| CARD OFFICE |  |
| OPERATOR    |  |

# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65

|   |                               |
|---|-------------------------------|
| 1A. Indicate Type of Lease                |                               |
| STATE <input checked="" type="checkbox"/> | FED. <input type="checkbox"/> |
| 2. State Oil & Gas Lease No.              |                               |
| NMB 1398-10                               |                               |
| 7. Unit Agreement Name                    |                               |
| 8. Field or Lease Name                    |                               |
| Shell "E" State Com                       |                               |
| 9. Well No.                               |                               |
| 1   |                               |
| 10. Field and Pool, or Wildcat            |                               |
| Eumont                                    |                               |
| 12. County                                |                               |
| Lea                                       |                               |

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

|  |  |                                  |  |
|--|--|----------------------------------|--|
| 1a. Type of Work   |  |                                  |  |
| DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>   |  |                                  |  |
| 1b. Type of Well   |  |                                  |  |
| OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> |  |                                  |  |
| 2. Name of Operator  |  |                                  |  |
| El Paso Natural Gas Company (SEE FORM L-104 FOR WELL NAME CHANGE)  |  |                                  |  |
| 3. Address of Operator   |  |                                  |  |
| 1800 Wilco Building; Midland, Texas 79701  |  |                                  |  |
| 4. Location of Well  |  |                                  |  |
| UNIT LETTER N LOCATED 3566 FEET FROM THE South LINE  |  |                                  |  |
| TWP. 1980 WEST LINE OF SEC. 6 TWP. 21S RGE. 36E NADON  |  |                                  |  |
| 19. Proposed Depth   |  |                                  |  |
| 3,700  |  |                                  |  |
| 19A. Formation   |  |                                  |  |
| Yates, Seven River, Queen  |  |                                  |  |
| 20. Rotary or C.T.   |  |                                  |  |
| Rotary   |  |                                  |  |
| 21. Logging (Show whether DF, RT, etc.)  |  | 21A. Final & Status Plug. Bond   |  |
| 3,554 GR   |  | On File                          |  |
| 21B. Drilling Contractor   |  | 22. Approx. Date Well Will Start |  |
| Capitan Drilg. Co.   |  | Jan. 15, 1978                    |  |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12 1/4"      | 8 5/8"         | 32.0            | 1200          | 600             | Surf.    |
| 7 1/2"       | 4 1/2"         | 10.5            | 3700          | 800             | Surf.    |

Plan is to drill 12 1/4" hole to approximately 1,200', run 8 5/8" 32# csg & cmt to surface. WOC 18 hrs and test to 1000#. Drill 7 7/8" hole to TD (3700'). Run 4 1/2" 10.5# csg & cmt to surface pipe. WOC 24 hrs & tst to 1500#. Will perforate Yates, Seven Rivers & Queen zones at selected intervals. 5000# Double gated BOP equipment will be used. Brine based drilling fluids will be used after surface casing is set.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-  
DUCTIVE ZONE. GIVE PRESENT PREVENTION PROGRAM, IF ANY.

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

Signed C. C. Goodwin Title Adm. Prod. Services Date 12/13/77  
C. C. Goodwin (This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 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 |                           | Shell "E" State Com |                    | Well No.<br>2 |
| Section<br>N                | 6                         | Township<br>21South | Range<br>36East    | County<br>Lea |
| General Location of Well:   |                           |                     |                    |               |
| 3566                        | feet from the             | South               | line and           | 1980          |
| feet from the               |                           | West                | line               |               |
| 3554.1                      | Producing Formation       | Pool                | Dedicated Acreage: |               |
|                             | Yates, Seven River, Queen | Eumont              | 228 Acres          |               |

1. Outline the acreage dedicated to the subject well by colored pencil or hatch 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.

*[Signature]*  
Name: \_\_\_\_\_  
Administrator of Prod Svs

Location: \_\_\_\_\_  
El Paso Natural Gas Co.

Company: \_\_\_\_\_  
January 19, 1979

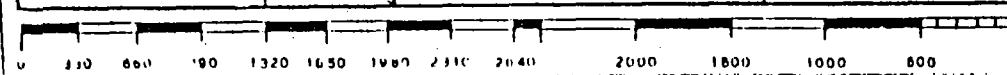
Date: \_\_\_\_\_

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.

December 6, 1977

Date Surveyed: \_\_\_\_\_  
Truman Gaskin  
Registered Professional Engineer  
and/or Land Surveyor

2126  
Certificate No.





|                        |            |
|------------------------|------------|
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| SANTA FE               |            |
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| U.S.G.S.               |            |
| LAND OFFICE            |            |
| TRANSPORTER            | OIL<br>GAS |
| OPERATOR               |            |
| PRODUCTION OFFICE      |            |

N 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

El Paso Natural Gas Company

Address  
1800 Wilco Bldg. Midland, TX 79701

Reason(s) for filing (Check proper box)

New Well ☒  
Recompletion ☐  
Change in Ownership ☐

Change in Transporter of:

Oil ☐  
Casinghead Gas ☐

Dry Gas ☐  
Condensate ☐

Other (Please explain)

Well Name Change  
from Shell "F" State Com #1

If change of ownership give name  
and address of previous owner

DESCRIPTION OF WELL AND LEASE

|                     |           |          |                                |                                  |
|---------------------|-----------|----------|--------------------------------|----------------------------------|
| Lease Name          | Lease No. | Well No. | Pool Name, including Formation | Kind of Lease                    |
| Shell "E" State Com |           | 2        | Eumont-Yates                   | State, Federal or Fee State      |
| Location            |           |          |                                |                                  |
| Unit Letter         | N         | 3566     | Feet From The South            | Line and 1980 Feet From The West |
| Line of Section     | 6         | Township | 21-S                           | Range 36-E, NMPM, Lea, County    |

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  | 1800 Wilco Bldg. Midland, TX 79701                                       |
| If well produces oil or liquids,<br>give location of tanks.  | Unit Ser. Twr. Rge. Is gas actually connected? When                      |
|  | Yes 7/21/78  |

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

COMPLETION DATA

|                                    |                             |                 |                   |          |        |           |             |              |
|------------------------------------|-----------------------------|-----------------|-------------------|----------|--------|-----------|-------------|--------------|
| Designate Type of Completion - (X) | Oil Well                    | Gas Well        | New Well          | Workover | Deepen | Plug Back | Same Restv. | Diff. Restv. |
|                                    |                             | X               | X                 |          |        |           |             |              |
| Date Spudded                       | Date Compl. Ready to Prod.  | Total Depth     | P.B.T.D.          |          |        |           |             |              |
| 3/25/78                            | 7/10/78                     | 3713            | 3065              |          |        |           |             |              |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | Top Oil/Gas Pny | Tubing Depth      |          |        |           |             |              |
| 3556                               | Yates-Sandstone             | 2946            | 2918              |          |        |           |             |              |
| Perforations                       |                             |                 | Depth Casing Shoe |          |        |           |             |              |
| 2946-2996                          |                             |                 |                   |          |        |           |             |              |

TUBING, CASING, AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT   |
|-----------|----------------------|-----------|----------------|
| 11        | 8 5/8                | 1205.00   | 550 SX C1 "C"  |
| 7 7/8     | 4 1/2                | 3710.49   | 1035 SX C1 "C" |
| 7 7/8     | 2 3/8                | 2918.35   |                |

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

|  |                 |                       |                       |
|--|-----------------|-----------------------|-----------------------|
| Test Method (Flow, pump, gas lift, etc.) | Length of Test  | Bbls. Condensate/MMCF | Gravity of Condensate |
| Flow                                     | 4 1/2           |                       | NA                    |
| Test Method (pilot, back pr.)            | Tubing Pressure | Casing Pressure       | Choke Size            |
| Back Pressure                            | 250.2           | 326.2                 | 3/8                   |

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.

  
(Signature)

Administrator of Production Services  
(Title)

January 18, 1979  
(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 1111.

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.

## WELL STATUS REPORT

I. Well Name & Number: EPNG Shell State C Com. No. 9

Location: 3620' FNL & 1980' FWL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 10-19-54

Completion Date: 11-6-54

Cumulative Production: 994 MMcf @ 15.025 psia  
1,014 MMcf @ 14.73 psia

Current Rate of Production: Zero

Plug and Abandonment Date: 3-10-78

## II. Description and Status:

As is indicated above, the well was completed in 1954 and produced efficiently until 1960 when water production began to hamper gas productivity, eventually killing the well. In October, 1960, a workover was conducted in an attempt to shut off the water.

An open hole caliper was run which indicated possible cement sluff from behind the pipe into the producing open hole section. An under reamer was run and the open hole section from 3368' to 3505' was cleaned out.

The well was plugged back to 3471' and the open hole section from 3368' to 3471' was treated with 2,000 gallons of acid.

After workover, the well was placed back on production but produced only small volumes of gas. The well was subsequently shut in and temporarily abandoned and as indicated above, permanently plugged and abandoned on March 10, 1978.

## WELL STATUS REPORT

- I. Well Name & Number: EPNG Shell State E Com. No. 1  
(Formerly Shell Oil Company State E No. 2)

Location: 3300' FNL & 1980' FEL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 7-10-36

Recompletion Date: 10-31-67

Current Rate of Production: 39 Mcf/D @ 15.025 psia (April, 1980)

II. Description and Status:

As stated above, the well is currently producing from the Eumont Gas Pool at a rate of 39 Mcf/D. The well was initially drilled by Shell Oil Company and completed in the Eunice Grayburg oil pool. It produced oil from the Eunice Grayburg Pool through April, 1965 and cumulative production prior to depletion was 261,185 barrels.

El Paso Natural Gas Company acquired the well in September, 1967 and plugged back and recompleted in the Eumont Gas Pool. The well was selectively perforated from 2718' to 3495'. This entire 777' interval was acidized and treated with 20,000 gallons of jelled brine and 20,000 pounds of sand and was potentialized for an AOF of 7710 Mcf/D.

The well was then placed on production. During the latter part of 1977, production had declined to approximately 200 to 300 Mcf/D. Inasmuch as the well was not capable of making its allowable for the acreage assigned (230.32 acres), it was decided that the well be either worked over or an additional well be drilled.

After reviewing the records, noting the age of the well and the large interval perforated, it was concluded that a workover would not be successful. Subsequently, an application to drill an additional well on the proration unit was filed with your office.

This application to drill dated 12-13-77 was subsequently approved by your Hobbs district office and the second well (Shell F State Com. No. 1, later changed to Shell State E Com. No. 2) was spudded on 3-25-78 and completed on 5-10-78 in the Eumont Gas Pool.

## WELL STATUS REPORT

I. Well Name & Number: EPNG Shell State E Com. No. 2  
(Formerly EPNG Shell F State Com. No. 1)

Location: 3566' FSL & 1980' FWL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 3-25-78

Completion Date: 7-10-78

Current Rate of Production: 473 Mcf/D @ 15.025 psia (April, 1980)

### II. Description and Status:

The subject well was drilled as a second well on an existing non-standard proration unit in an effort to produce the unit's non-marginal allowable from the Eumont Gas Pool.

This well was necessary to effectively and efficiently drain the proration unit as the existing well was not in a condition that was conducive to a successful workover.

10211  
F172

|                 |  |  |
|-----------------|--|--|
| COPIES RECEIVED |  |  |
| TRIBUTION       |  |  |
| FE              |  |  |
| FILE            |  |  |
| U.S.G.S.        |  |  |
| LAND OFFICE     |  |  |
| OPERATOR        |  |  |

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

|  |
|--|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>NMB-1400-6   |
| 7. Unit Agreement Name   |
| 8. Farm or Lease Name<br>Shell State   |
| 9. Well No.<br>"C" - Com #9  |
| 10. Field and Pool, or Wildcat<br>Eumont Queen   |
| 12. County<br>Lea  |

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

|  |
|--|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Plug and Abandonment  |
| 2. Name of Operator<br>El Paso Natural Gas Company   |
| 3. Address of Operator<br>1800 Wilco Bldg. Midland, Texas 79701  |
| 4. Location of Well<br>UNIT LETTER <u>K</u> <u>3620</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM<br>THE <u>West</u> LINE, SECTION <u>6</u> TOWNSHIP <u>21-S</u> RANGE <u>36-E</u> NMPM. |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>3555.5' GL  |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |   | SUBSEQUENT REPORT OF:                                |  |
|--|---|--|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>               | ALTERING CASING <input type="checkbox"/>                 |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>     | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOBS <input type="checkbox"/> | OTHER <input type="checkbox"/>                           |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/8/78: MOL and RUPU. Set BOP. Ran tbg to 3461'.  
3/9/78: Mix 10 sxs bentonite + 80# paper in 40 barrels water and pumped down tbg @ 3 BPM. Brk circ w/full returns. Spot 75 sxs Cl "C" cmt w/2% CaCl + 12 1/2# gilsonite @ 3461'. Pull 25 stands and SDFN to WOC.  
3/10/78: RI w/tbg and tag TOC @ 2852'. Mixed 20 sxs bentonite and loaded hole. Pld tbg to 1212' and spot 15 sxs Cl "C" cmt (1212'-1112'). Pld tbg to 90' and circ 10 sxs Cl "C" to surf. Cut off wellhead and welded on plate and P&A marker. Clean location. P&A as of 3/10/78.

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

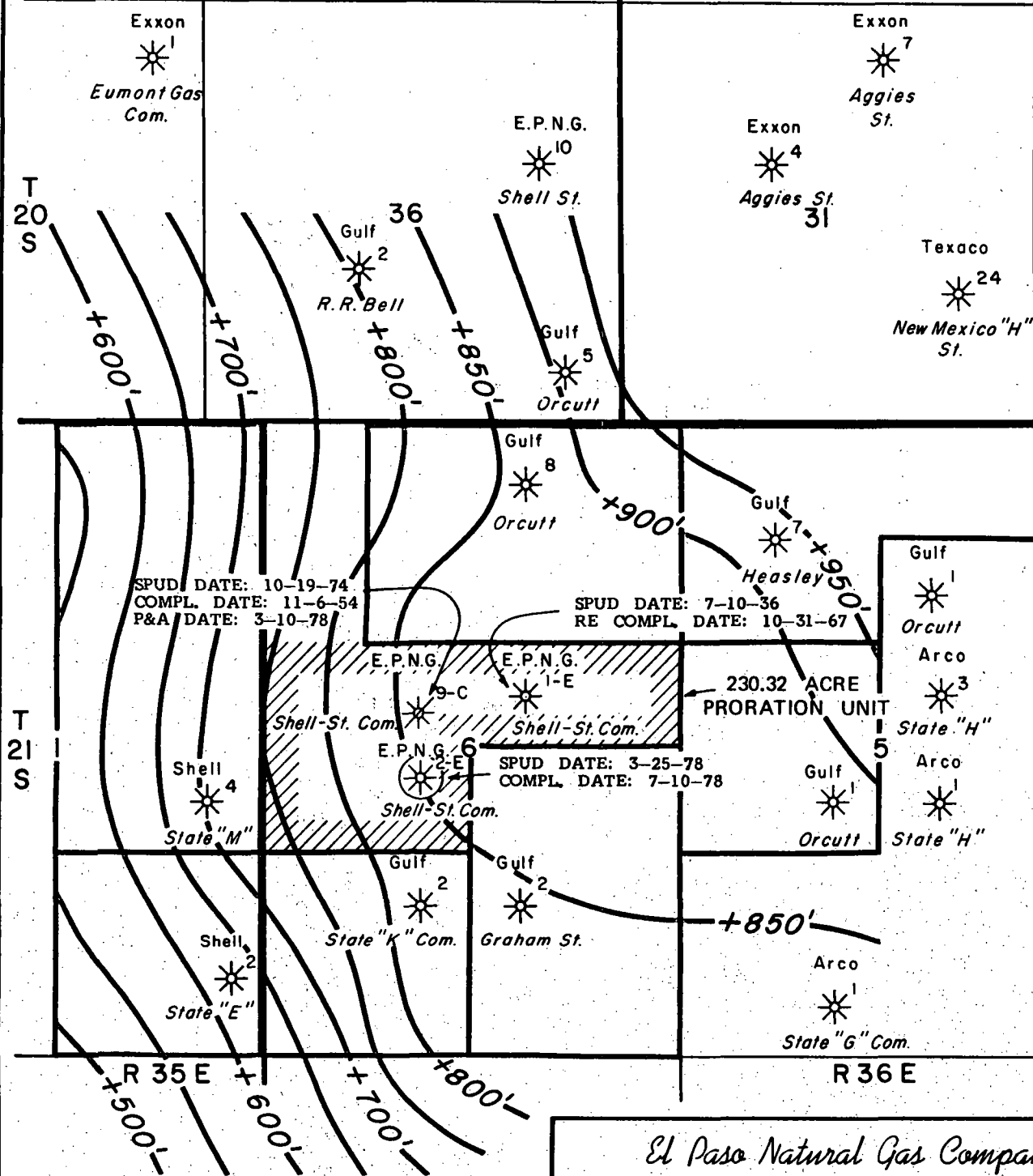
SIGNED J. J. Lent Jr. TITLE Production Engineer DATE 3/20/78

APPROVED BY M. H. Crowland TITLE OIL & GAS INSPECTOR DATE APR 21 1978

CONDITIONS OF APPROVAL, IF ANY:

R 36 E

R 37 E



STRUCTURE MAP  
SUBSEA TOP OF YATES FORMATION

*El Paso Natural Gas Company*

**EUMONT GAS POOL**  
YATES, 7/RIVERS, QUEEN RESERVOIR  
LEA COUNTY, NEW MEXICO

CONTOUR INTERVAL = 50'

- \* GAS WELL (EUMONT)
- \*<sub>D</sub> DUAL GAS WELL
- \* P & A GAS WELL
- ◇ DRY HOLE
- ⊗ DETERMINATION WELL

2000' 1000' 0 2000'  
SCALE IN FEET

DATE: MAY 1980



JERRY APODACA  
GOVERNOR

NICK FRANKLIN  
SECRETARY

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

RECEIVED JAN 17 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

January 16, 1979

El Paso Natural Gas Co.  
P. O. Box 1492  
El Paso, Texas 79978

Attention: H. L. Kendrick

Re: Simultaneous Dedication, Shell  
"E" State Com No. 1 and Shell  
"F" State Com No. 1, Eumont Gas  
Pool

Gentlemen:

Reference is made to your letter dated November 27, 1978, wherein you have requested simultaneous dedication for two wells, namely your Shell "E" State Com Well No. 1, located in Unit J, and your Shell "F" State Com Well No. 1, located in Unit N, Section 6, Township 21 South, Range 36 East, NMPM, Eumont Gas Pool, Lea County, New Mexico. Your proposal is to dedicate these two wells to the 230-acre previously approved non-standard proration unit comprising all of Lots 9, 10, 11, 12, 13, and 14 of said Section 6.

Inasmuch as these two wells are both at standard locations for a unit of this size, your request for simultaneous dedication is hereby approved.

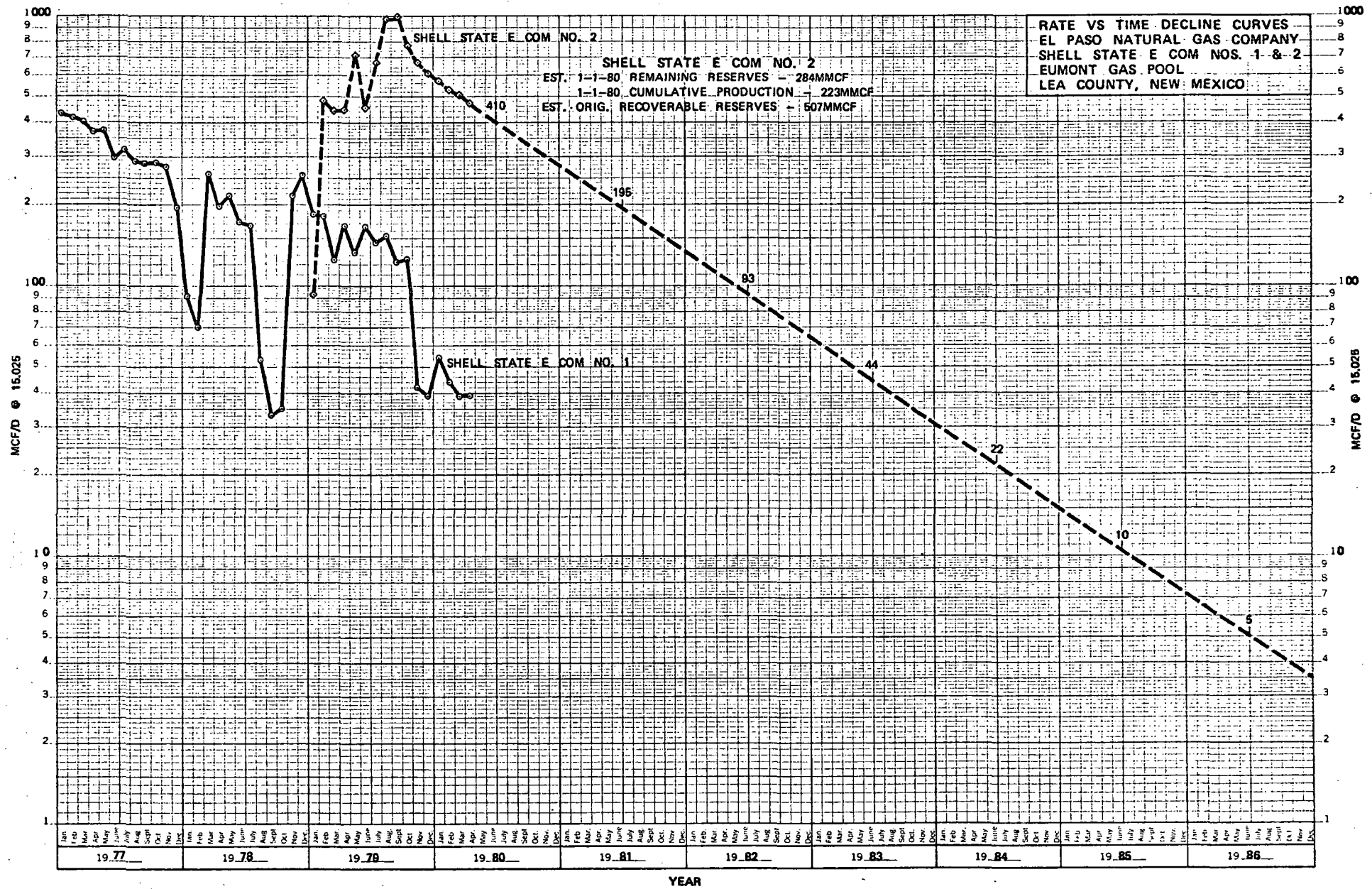
It will be necessary, however, for one or both of the wells to be re-named and renumbered inasmuch as both wells on a simultaneously dedicated unit must bear the same lease name.

Very truly yours,

JOE D. RAMEY  
Director

JDR/DSN/og

cc: Oil Conservation Division - Hobbs  
Gas Proration Section - Santa Fe





SCHEDULE OF ALLOWABLES AND PRODUCTION  
EL PASO NATURAL GAS CO. SHELL STATE E COM NOS. 1 AND 2  
PRORATION UNIT - LOTS 9, 10, 11, 12, 13 AND 14 SECTION 6, T-21-S, R-36-E (230.32 ACRES)  
EUMONT GAS POOL, LEA COUNTY, NEW MEXICO

(Gas Volumes @ 15.025 psia & 60° F)

| Month, Year     | Actual<br>Marginal<br>Allowable<br>Mcf | Non-Marginal<br>Allowable<br>Mcf | Production            |       |                       |       |        |       |
|-----------------|--|----------------------------------|-----------------------|-------|-----------------------|-------|--------|-------|
|                 |  |                                  | Shell St. E Com No. 1 |       | Shell St. E Com No. 2 |       | Total  |       |
|                 |  |                                  | Mcf                   | Mcf/D | Mcf                   | Mcf/D | Mcf    | Mcf/D |
| January, 1977   | 17912                                  | 44594                            | 13321                 | 430   | *                     | *     | 13321  | 430   |
| February, 1977  | 14419                                  | 61631                            | 11618                 | 415   | *                     | *     | 11618  | 415   |
| March, 1977     | 13321                                  | 74642                            | 12409                 | 400   | *                     | *     | 12409  | 400   |
| April, 1977     | 11618                                  | 40564                            | 11113                 | 370   | *                     | *     | 11113  | 370   |
| May, 1977       | 12409                                  | 28275                            | 11551                 | 373   | *                     | *     | 11551  | 373   |
| June, 1977      | 11113                                  | 20769                            | 8929                  | 298   | *                     | *     | 8929   | 298   |
| July, 1977      | 11551                                  | 20177                            | 9828                  | 317   | *                     | *     | 9828   | 317   |
| August, 1977    | 8929                                   | 21450                            | 8925                  | 288   | *                     | *     | 8925   | 288   |
| September, 1977 | 9828                                   | 20757                            | 8488                  | 283   | *                     | *     | 8488   | 283   |
| October, 1977   | 8925                                   | 25717                            | 8834                  | 285   | *                     | *     | 8834   | 285   |
| November, 1977  | 8488                                   | 25139                            | 8243                  | 275   | *                     | *     | 8243   | 275   |
| December, 1977  | 8834                                   | 33381                            | 6020                  | 194   | *                     | *     | 6020   | 194   |
| TOTAL           | 137347                                 | 417096                           | 119279                |       |                       |       | 119279 |       |
| AVERAGE         |  |                                  |                       | 327   |                       |       |        | 327   |
| January, 1978   | 8243                                   | 40473                            | 2864                  | 92    | *                     | *     | 2864   | 92    |
| February, 1978  | 6020                                   | 36241                            | 1968                  | 70    | *                     | *     | 1968   | 70    |
| March, 1978     | 2864                                   | 55782                            | 7993                  | 258   | *                     | *     | 7993   | 258   |
| April, 1978     | 1968                                   | 55841                            | 5921                  | 197   | *                     | *     | 5921   | 197   |
| May, 1978       | 7993                                   | 52981                            | 6676                  | 215   | *                     | *     | 6676   | 215   |
| June, 1978      | 5921                                   | 42839                            | 5151                  | 172   | *                     | *     | 5151   | 172   |
| July, 1978      | 6676                                   | 41554                            | 5161                  | 166   | *                     | *     | 5161   | 166   |
| August, 1978    | 10302                                  | 39913                            | 1655                  | 53    | *                     | *     | 1655   | 53    |
| September, 1978 | 5161                                   | 39784                            | 1004                  | 33    | *                     | *     | 1004   | 33    |
| October, 1978   | 1655                                   | 42672                            | 1099                  | 35    | *                     | *     | 1099   | 35    |
| November, 1978  | -                                      | 44557                            | 6502                  | 217   | *                     | *     | 6502   | 217   |
| December, 1978  | 1099                                   | 47516                            | 7971                  | 257   | *                     | *     | 7971   | 257   |
| TOTAL           | 57902                                  | 540153                           | 53965                 |       |                       |       | 53965  |       |
| AVERAGE         |  |                                  |                       | 148   |                       |       |        | 148   |
| January, 1979   | 6502                                   | 47571                            | 5709                  | 184   | 2871                  | 93    | 8580   | 277   |
| February, 1979  | 7971                                   | 40385                            | 5076                  | 181   | 13469                 | 481   | 18545  | 662   |
| March, 1979     | 8580                                   | 45024                            | 3853                  | 124   | 13650                 | 440   | 17503  | 564   |
| April, 1979     | 18545                                  | 41742                            | 5007                  | 167   | 13297                 | 443   | 18304  | 610   |
| May, 1979       | 17503                                  | 38993                            | 4092                  | 132   | 22184                 | 716   | 26276  | 848   |
| June, 1979      | 18304                                  | 36678                            | 4948                  | 165   | 13677                 | 456   | 18625  | 621   |
| July, 1979      | 26276                                  | 39265                            | 4452                  | 144   | 21221                 | 684   | 25673  | 828   |
| August, 1979    | 18625                                  | 39265                            | 4708                  | 152   | 30115                 | 971   | 34823  | 1123  |
| September, 1979 | 25673                                  | 39519                            | 3643                  | 121   | 29835                 | 995   | 33478  | 1116  |
| October, 1979   | 34823                                  | 41244                            | 3871                  | 125   | 23880                 | 770   | 27751  | 895   |
| November, 1979  | 33478                                  | 40261                            | 1271                  | 42    | 19933                 | 664   | 21204  | 706   |
| December, 1979  | 27751                                  | 43467                            | 1210                  | 39    | 18832                 | 608   | 20042  | 647   |
| TOTAL           | 244031                                 | 493414                           | 47840                 |       | 222964                |       | 270804 |       |
| AVERAGE         |  |                                  |                       | 131   |                       | 611   |        | 742   |
| January, 1980   | 21204                                  | 41919                            | 1678                  | 54    | 17579                 | 567   | 19257  | 621   |
| February, 1980  | 20042                                  | 35598                            | 1274                  | 44    | 15348                 | 529   | 16622  | 573   |
| March, 1980     | 19257                                  | 37863                            | 1195                  | 39    | 15592                 | 503   | 16787  | 542   |
| April, 1980     | 16622                                  | 34975                            | 1182                  | 39    | 14200                 | 473   | 15382  | 512   |
| 4 Month TOTAL   | 77125                                  | 150355                           | 5329                  |       | 62719                 |       | 68048  |       |
| 4 Month AVERAGE |  |                                  |                       | 44    |                       | 518   |        | 562   |

\* 1st Production January, 1979



BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6161

May 19, 1980

TO: R. L. Stamets

FROM: Jerry Sexton  
Supervisor, District I

RE: Ordering Xerox Supplies

Do we have enough left in our budget to order the following  
Xerox supplies before the prices go up.

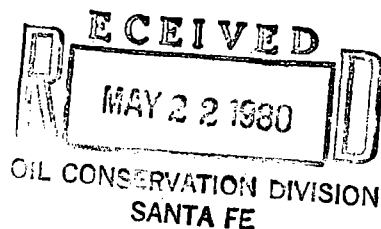
Toner for 7000 Copier - 14 Cartons (56 lbs.) @ \$29.08 = 407.12

Toner for 3100 Copier - 4 Cartons (8 lbs.) @ \$28.10 = 112.40

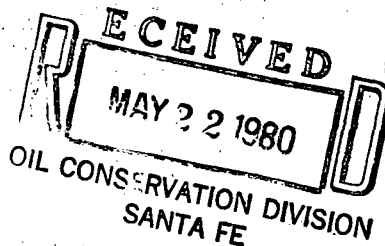
Developer Beads for 7000 Copier - 1 Carton @ \$74.90

Developer for 3100 Copier - 4 Cartons @ \$25.80 = 103.20

TOTAL 697.62



**El Paso** NATURAL GAS  
COMPANY



P.O. BOX 1492  
EL PASO, TEXAS 79978  
PHONE: 915-543-2600

May 19, 1980

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Sir:

Re: Request For An Administrative Finding  
That The Drilling Of The El Paso Nat-  
ural Gas Company Shell State E Com.  
No. 2, Located In Unit N, Section 6,  
T-21-S, R-36-E, Eumont Gas Pool, Lea  
County, New Mexico, Was Necessary To  
Effectively And Efficiently Drain A  
Portion Of The Reservoir Covered By  
The Proration Unit Which Could Not Be  
Effectively And Efficiently Drained  
By Any Existing Well Within The Pro-  
ration Unit.

Pursuant to New Mexico Oil Conservation Division Order No. R-6013-A dated February 8, 1980 and §271.305(b) of the final regulations of the Natural Gas Policy Act of 1978 (NGPA), we respectfully request a finding from your office that the drilling of the El Paso Natural Gas Company Shell E. Com. No. 2 was necessary to effectively and efficiently drain a portion of the Eumont Gas Pool covered by the proration unit which could not be effectively and efficiently drained by any existing well within the proration unit. The proration unit is described as Lots 9, 10, 11, 12, 13 and 14 (comprising 230.32 acres) of Section 6, T-21-S, R-36-E, Lea County, New Mexico.

The above described non-standard proration unit was established by New Mexico Oil Conservation Commission Order No. R-3327 dated October 11, 1967. The standard proration (spacing) unit for the Eumont Gas Pool is 640 acres. Normal proration unit factors utilized for allowable purposes for this pool are based on 160 acres. We have included a copy of the field rules applicable to the subject proration unit.

The support for this finding is attached and described below.

1. NMOCC Forms C-101 and C-102 - Copies of approved application to drill and proration unit dedicated.
2. NMOCC Form C-104 - Copy of notification of well name change from Shell F State Com. No. 1 to Shell State E Com. No. 2.
3. Well Status Report - Current status of wells drilled and completed in the Eumont Gas Pool within the subject non-standard proration unit.
4. NMOCC Form C-103 - Copy of plugging report filed on the EPNG Shell State Com. C No. 9.
5. Formation Structure Map - Structure map showing the subject proration unit and the seven adjacent proration units of that portion of the Eumont Gas Pool. Contours are on the top of the Yates formation. Also shown on the map are all Eumont wells within the proration units.
6. NMOCD Letter Approving Simultaneous Dedication - Letter dated January 16, 1979 advising approval of simultaneous dedication for the two wells producing on this proration unit as both wells are at standard locations for a unit of this size.
7. Rate Decline Curves - Rate decline curves for the two producing wells on the proration unit. These curves indicate that the development of the new well on the proration unit (Shell State E Com. No. 2) has not interfered with the old well (Shell State E Com. No. 1), therefore, any and all gas produced through the new well is gas that would not otherwise be effectively and efficiently recovered. Estimated original reserves to be recovered from the new well are 507 MMcf at 15.025 psia.
8. Allowable and Production Tabulation - Monthly tabulation of the actual marginal allowable, allowable if the proration unit was non-marginal and actual production from the proration unit. This tabulation shows that the first well on the proration unit was not capable of producing a non-marginal allowable and the development of the new well still did not provide enough additional production to enable the proration unit to produce a non-marginal allowable.

Operators of proration units offsetting the unit for which this finding is sought are listed below:

Atlantic Richfield Company  
Attention: Mr. David W. Sipperly  
P. O. Box 1610  
Midland, Texas 79702

Gulf Oil Corporation  
Attention Mr. R. E. Griffith  
P. O. Box 1150  
Midland, Texas 79702

Shell Oil Company  
Attention: Mr. B. H. Kouns  
P. O. Box 1509  
Midland, Texas 79702

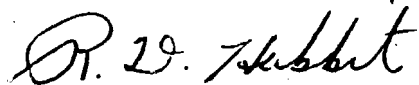
The above parties have been notified by registered mail of this request for a finding.

It should be noted that the well for which this finding is sought was spudded and completed prior to the passage of the NGPA but after February 19, 1977.

Upon the issuance of an affirmative finding regarding this well, we request that you consider our application for well classification under Section 103 of the NGPA of 1978. This application for determination was filed with your office on February 27, 1979.

Should you have any questions concerning this request for a finding and well classification, please contact the undersigned.

Very truly yours,



R. D. Habbit, Manager  
Reservoir Engineering Dept.

DRBalmer:cc

Attachments

### EUMONT GAS POOL Lea County, New Mexico

Order No. R-1670, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Southeastern New Mexico, for the Eumont Gas Pool, Lea County, New Mexico, May 20, 1960.

(Order No. R-1670 Supersedes Order No. R-264, Creating the Eumont Gas Pool, Lea County, New Mexico, February 17, 1953, as Amended by Order No. R-264-A, November 10, 1953; Order No. R-356, Adopting Rules for Gas Wells in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, August 28, 1953; Order No. R-370, September 28, 1953; Order No. R-371, September 28, 1953; Order No. R-370-A, November 10, 1953; Order No. R-371-A, November 10, 1953; Order No. R-370-B, December 7, 1953; Order No. R-371-B, .....; Order No. R-520, August 12, 1954; Order No. R-520-A, August 31, 1954; Order No. R-663, July 7, 1955; Order No. R-767, March 14, 1956; Order No. R-767-A, April 16, 1956; and Order No. R-967, April 23, 1957.)

(The Eumont Gas Pool was created February 17, 1953, and proration was instituted January 1, 1954. The Eumont Gas Pool now includes portions of the acreage once included in the Jalco and Langmat Pools (now Jalmat) and all of the acreage formerly in the Arrow and Hardy Pools.)

#### A. WELL LOCATION AND ACREAGE REQUIREMENTS

**RULE 5(A).** A standard gas proration unit in the Eumont Gas Pool shall be 640 acres.

**RULE 5(B).** Any well drilled to and producing from the Eumont Gas Pool, as defined herein, prior to August 12, 1954 at a location conforming with the spacing requirements effective at the time said well was drilled, shall be granted a tolerance not exceeding 330 feet with respect to the required distance from the boundary lines.

#### C. ALLOCATION AND GRANTING OF ALLOWABLES

**RULE 8(A).** The pool allowable remaining each month after deducting the total allowable assigned to marginal wells shall be allocated among the non-marginal wells entitled to an allowable in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the pool.

**RULE 8(B).** Allowables to newly completed gas wells shall commence on the date of connection to a gas transportation facility, as determined from an affidavit furnished to the Commission (Box 2045, Hobbs, New Mexico) by the purchaser, or the date of filing of Form C-104, Form C-110, and a plat (Form C-128), whichever date is the later.

#### G. GENERAL

**RULE 22.** No gas, either dry gas or casinghead gas, shall

be flared or vented from any well at any time after ninety (90) days from the date such well is completed. Any operator who desires to obtain an exception to the provisions of Rule 22 of Section I of this order shall submit to the Secretary-Director of the Commission an application for such exception with a sworn statement setting forth the facts and circumstances justifying such exception. The Secretary-Director is hereby authorized to grant such an exception whenever the granting of the exception is reasonably necessary to protect correlative rights, prevent waste, or prevent undue hardship on the applicant under all the acts and circumstances as set forth in the statement. The Secretary-Director shall either (a) grant the exception within 15 days after receipt of the application and statement or (b) thereafter set the application for hearing by the Commission at a regular monthly hearing; provided, however, that no such applicant shall incur any penalty by reason of a delay in setting the application for hearing. Notice of hearing of the application shall be published in the manner provided by law and the Rules of the Commission. If the exception is granted by the Secretary-Director, a list of such exceptions shall be distributed in the Commission's regular mailing list.

The flaring or venting of gas from any well in violation of any provision of this rule will result in suspension of any further allowable until further order of the Commission.

**RULE 22(A).** Within 15 days after any oil or gas well within the boundaries of the Eumont Gas Pool is connected to a gas transportation facility, the operator shall file Form C-110 designating the disposition of gas from the well.

**RULE 22(B).** No extraction plant processing any gas from the Eumont Gas Pool shall flare or vent such gas unless such flaring or venting is made necessary by mechanical difficulties or unless the gas flared or vented is of no commercial value.

#### H. MISCELLANEOUS SPECIAL POOL RULES

**RULE 25.** The vertical limits of the Eumont Gas Pool shall extend from the top of the Yates formation to the base of the Queen formation, thereby including all of the Yates, Seven Rivers and Queen formations.

**RULE 26(A).** A gas well shall mean a well producing with a gas-oil ratio in excess of 100,000 cubic feet of gas per barrel of oil.

**RULE 26(B).** A well producing from the Eumont Gas Pool and not classified as a gas well, as defined in Section (A) of this rule, shall be classified as an oil well.

**RULE 26(C).** Oil wells producing from the Eumont Gas Pool shall be allowed to produce a volume of gas each day not exceeding the daily normal unit oil allowable multiplied by 10,000; provided, however, that such well shall not be allowed to produce oil in excess of the normal unit allowable as ordered by the Commission under the provisions of Statewide Rule 505.

# NEW MEXICO OIL CONSERVATION COMMISSION

Form 1-101  
Revised 1-1-65

1. OPERATOR  
 2. STATE  
 3. COUNTY  
 4. DISTRICT  
 5. FIELD  
 6. WELL  
 7. DATE  
 8. TIME  
 9. LOCATION  
 10. OPERATOR

A. Indicate Type of Lease  
 STATE ☒ FIELD ☐  
 B. State Oil & Gas Lease No.  
 NMB 1398-10  
 C. Unit Agreement Name  
 D. Firm or Lease Name  
 Shell "E" State Com  
 E. Well No.  
 1  
 F. Field and Pool, or Willam  
 Eumont  
 G. County  
 Lea

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

1. Type of Work  
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
 2. Type of Well  
 DRILL ☐ GAS ☒ OIL ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒  
 3. Name of Operator  
 El Paso Natural Gas Company  
 4. Address of Operator  
 1800 Wilco Building; Midland, Texas 79701  
 5. Location of Well  
 INIT LETTER N LOCATED 3566 FEET FROM THE South LINE  
 1980 West LINE OF SEC. 6 TWP. 21S RGE. 36E NADEN

6. Proposed Depth  
 3,700  
 7. Formation  
 Yates, Seven River, Queen Rotary  
 8. Rotary or C.T.  
 Rotary  
 9. Estimated Cost (Show whether DE, RE, etc.)  
 3,554 GR  
 10. Estimated Status Plug, Bend  
 On File  
 11. Drilling Contractor  
 Capitan Drig. Co.  
 12. Approx. Date Work will start  
 Jan. 15, 1978

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 12 1/4"      | 8 5/8"         | 32.0            | 1200          | 600             | Surf.    |
| 7 1/2"       | 4 1/2"         | 10.5            | 3700          | 800             | Surf.    |

Plan is to drill 12 1/4" hole to approximately 1,200', run 8 5/8" 32# csg & cmt to surface. WOC 18 hrs and test to 1000#. Drill 7 7/8" hole to TD (3700'). Run 4 1/2" 10.5# csg & cmt to surface pipe. WOC 24 hrs & test to 1500#. Will perforate Yates, Seven Rivers & Queen zones at selected intervals. 5000# Double gated BOP equipment will be used. Brine based drilling fluids will be used after surface casing is set.

IN ABOVE SPACE DESCRIBE PROPOSED DEEPEN OR PLUG BACK IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-  
 DUCTIVE ZONE, GIVE PRESENT PRODUCTION PROGRAM, IF ANY.

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

Signed C. C. Goodwin Title Adm. Prod. Services Date 12/13/77  
 C. C. Goodwin (This Space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-107  
Supersedes C-128  
Effective 1-1-65

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

|                             |  |                     |                                |                    |               |
|-----------------------------|--|---------------------|--------------------------------|--------------------|---------------|
| El Paso Natural Gas Company |  |                     | Shell "E" State Com            |                    | Well No.<br>2 |
| Section<br>N                | Section<br>6                                     | Township<br>21South | Range<br>36East                | County<br>Lea      |               |
| Section Location of Well:   |  |                     |                                |                    |               |
| 3566                        | feet from the South                              | Line on 1           | 1980                           | feet from the West | Line          |
| 3554.1                      | Producing Formation<br>Yates, Seven River, Queen | Pool<br>Eumont      | Dedicated Acreage<br>228 Acres |                    |               |

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, force-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.

*[Signature]*

Name: Administrator of Prod Svs

Position: El Paso Natural Gas Co.

Company: January 19, 1979

Date:

**LEGEND**

☼ GAS WELL

☼ P&A GAS WELL

● OIL WELL

● P&A OIL WELL

Y7Q-YATES, SEVEN RIVERS, QUEEN

G-SA-GRAYBURG-SAN ANDRES



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LAND OFFICE

TRANSPORTER ☐ OIL ☐ GAS

OPERATOR

PRODUCTION OFFICE

N 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

**El Paso Natural Gas Company**

Address: **1800 Wilco Bldg. Midland, TX 79701**

Reason(s) for filing (check proper box):

New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐  
 Recompletion ☐ Oil ☐ Condensate ☐  
 Change in Ownership ☐ Casinghead Gas ☐ Other (Please explain): **Well Name Change from Shell "F" State Com #1**

If change of ownership give name and address of previous owner

**DESCRIPTION OF WELL AND LEASE**

|                     |           |              |                                |                                  |
|---------------------|-----------|--------------|--------------------------------|----------------------------------|
| Lease Name          | Lease No. | Well No.     | Pool Name, including Formation | Kind of Lease                    |
| Shell "E" State Com | 2         | Eumont-Yates |                                | State, Federal or Fee State      |
| Location            |           |              |                                |                                  |
| Unit Letter         | N         | 3566         | Feet From The South            | Line and 1980 Feet From The West |
| Line of Section     | 6         | Township     | 21-S                           | Range 36-E, NMPM, Lea, County    |

**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  | 1800 Wilco Bldg. Midland, TX 79701                                       |
| If well produces oil or liquids, give location of tanks.   | Is gas actually connected? When  |
|  | Yes 7/21/78  |

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

**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                        | Date Compl. Ready to Prod.  | Total Depth     | P.B.T.D.     |          |        |           |             |              |
| 3/25/78                             | 7/10/78                     | 3713            | 3065         |          |        |           |             |              |
| Elevations (DF, RKB, RT, GR, etc.,) | Name of Producing Formation | Top Oil/Gas Day | Tubing Depth |          |        |           |             |              |
| 3556                                | Yates-Sandstone             | 2946            | 2918         |          |        |           |             |              |
| Perforations                        | Depth Casing Shoe           |                 |              |          |        |           |             |              |
| 2946-2996                           |                             |                 |              |          |        |           |             |              |

**TUBING, CASING, AND CEMENTING RECORD**

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT   |
|-----------|----------------------|-----------|----------------|
| 11        | 8 5/8                | 1205.00   | 550 sx C1 "C"  |
| 7 7/8     | 4 1/2                | 3710.49   | 1035 sx C1 "C" |
| 7 7/8     | 2 3/8                | 2918.35   |                |

**TEST DATA AND REQUEST FOR ALLOWABLE, (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**

|                               |                 |                       |                       |
|-------------------------------|-----------------|-----------------------|-----------------------|
| Test Method (pilot, back pr.) | Length of Test  | Bbls. Condensate/MMCF | Gravity of Condensate |
| Back Pressure                 | 4 1/2           |                       | NA                    |
|                               | Tubing Pressure | Casing Pressure       | Choke Size            |
|                               | 250.2           | 326.2                 | 3/8                   |

**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.

*C. L. Sanderson*  
(Signature)  
Administrator of Production Services  
(Title)  
January 18, 1979  
(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.

## WELL STATUS REPORT

I. Well Name & Number: EPNG Shell State C Com. No. 9

Location: 3620' FNL & 1980' FWL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 10-19-54

Completion Date: 11-6-54

Cumulative Production: 994 MMcf @ 15.025 psia  
1,014 MMcf @ 14.73 psia

Current Rate of Production: Zero

Plug and Abandonment Date: 3-10-78

## II. Description and Status:

As is indicated above, the well was completed in 1954 and produced efficiently until 1960 when water production began to hamper gas productivity, eventually killing the well. In October, 1960, a workover was conducted in an attempt to shut off the water.

An open hole caliper was run which indicated possible cement sluff from behind the pipe into the producing open hole section. An under reamer was run and the open hole section from 3368' to 3505' was cleaned out.

The well was plugged back to 3471' and the open hole section from 3368' to 3471' was treated with 2,000 gallons of acid.

After workover, the well was placed back on production but produced only small volumes of gas. The well was subsequently shut in and temporarily abandoned and as indicated above, permanently plugged and abandoned on March 10, 1978.

## WELL STATUS REPORT

- I. Well Name & Number: EPNG Shell State E Com. No. 1  
(Formerly Shell Oil Company State E No. 2)

Location: 3300' FNL & 1980' FEL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 7-10-36

Recompletion Date: 10-31-67

Current Rate of Production: 39 Mcf/D @ 15.025 psia (April, 1980)

II. Description and Status:

As stated above, the well is currently producing from the Eumont Gas Pool at a rate of 39 Mcf/D. The well was initially drilled by Shell Oil Company and completed in the Eunice Grayburg oil pool. It produced oil from the Eunice Grayburg Pool through April, 1965 and cumulative production prior to depletion was 261,185 barrels.

El Paso Natural Gas Company acquired the well in September, 1967 and plugged back and recompleted in the Eumont Gas Pool. The well was selectively perforated from 2718' to 3495'. This entire 777' interval was acidized and treated with 20,000 gallons of jelled brine and 20,000 pounds of sand and was potentialized for an AOF of 7710 Mcf/D.

The well was then placed on production. During the latter part of 1977, production had declined to approximately 200 to 300 Mcf/D. Inasmuch as the well was not capable of making its allowable for the acreage assigned (230.32 acres), it was decided that the well be either worked over or an additional well be drilled.

After reviewing the records, noting the age of the well and the large interval perforated, it was concluded that a workover would not be successful. Subsequently, an application to drill an additional well on the proration unit was filed with your office.

This application to drill dated 12-13-77 was subsequently approved by your Hobbs district office and the second well (Shell F State Com. No. 1, later changed to Shell State E Com. No. 2) was spudded on 3-25-78 and completed on 5-10-78 in the Eumont Gas Pool.

## WELL STATUS REPORT

I. Well Name & Number: EPNG Shell State E Com. No. 2  
(Formerly EPNG Shell F State Com. No. 1)

Location: 3566' FSL & 1980' FWL, Section 6, T-21-S,  
R-36-E, Lea County, New Mexico

Pool Name: Eumont Gas Pool

Spud Date: 3-25-78

Completion Date: 7-10-78

Current Rate of Production: 473 Mcf/D @ 15.025 psia (April, 1980)

### II. Description and Status:

The subject well was drilled as a second well on an existing non-standard proration unit in an effort to produce the unit's non-marginal allowable from the Eumont Gas Pool.

This well was necessary to effectively and efficiently drain the proration unit as the existing well was not in a condition that was conducive to a successful workover.

NEW MEXICO OIL CONSERVATION COMMISSION

|                 |  |
|-----------------|--|
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| U.S.G.S.        |  |
| LAND OFFICE     |  |
| OPERATOR        |  |

|  |                              |
|--|------------------------------|
| 5a. Indicate Type of Lease                 |                              |
| State <input checked="" type="checkbox"/>  | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>NMB-1400-6 |                              |

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

|  |  |
|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER - Plug and Abandonment  | 7. Unit Agreement Name                         |
| 2. Name of Operator<br>El Paso Natural Gas Company   | 8. Farm or Lease Name<br>Shell State           |
| 3. Address of Operator<br>1800 Wilco Bldg. Midland, Texas 79701  | 9. Well No.<br>"C" - Cor #9                    |
| 4. Location of Well<br>UNIT LETTER K 3620 FEET FROM THE North LINE AND 1980 FEET FROM<br>THE West LINE, SECTION 6 TOWNSHIP 21-S RANGE 36-E NMPM. | 10. Field and Pool, or Wildcat<br>Eumont Queen |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>3555.5' GL  | 12. County<br>Lea                              |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

|  |   |   |  |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input type="checkbox"/>                 |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            | CASING TEST AND CEMENT JOB <input type="checkbox"/> |  |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/8/78: MOL and RUPU. Set BOP. Ran tbg to 3461'.  
3/9/78: Mix 10 sxs bentonite + 80# paper in 40 barrels water and pumped down tbg @ 3' BPM.  
Brk circ w/full returns. Spot 75 sxs Cl "C" cmt w/2% CaCl + 12 1/2# gilsonite @ 3461'. Pull 25 stands and SDFN to WOC.  
3/10/78: RI w/tbg and tag TOC @ 2852'. Mixed 20 sxs bentonite and loaded hole. Pld tbg to 1212' and spot 15 sxs Cl "C" cmt (1212'-1112'). Pld tbg to 90' and circ 10 sxs Cl "C" to surf. Cutoff wellhead and welded on plate and P&A marker. Clean location. P&A as of 3/10/78.

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

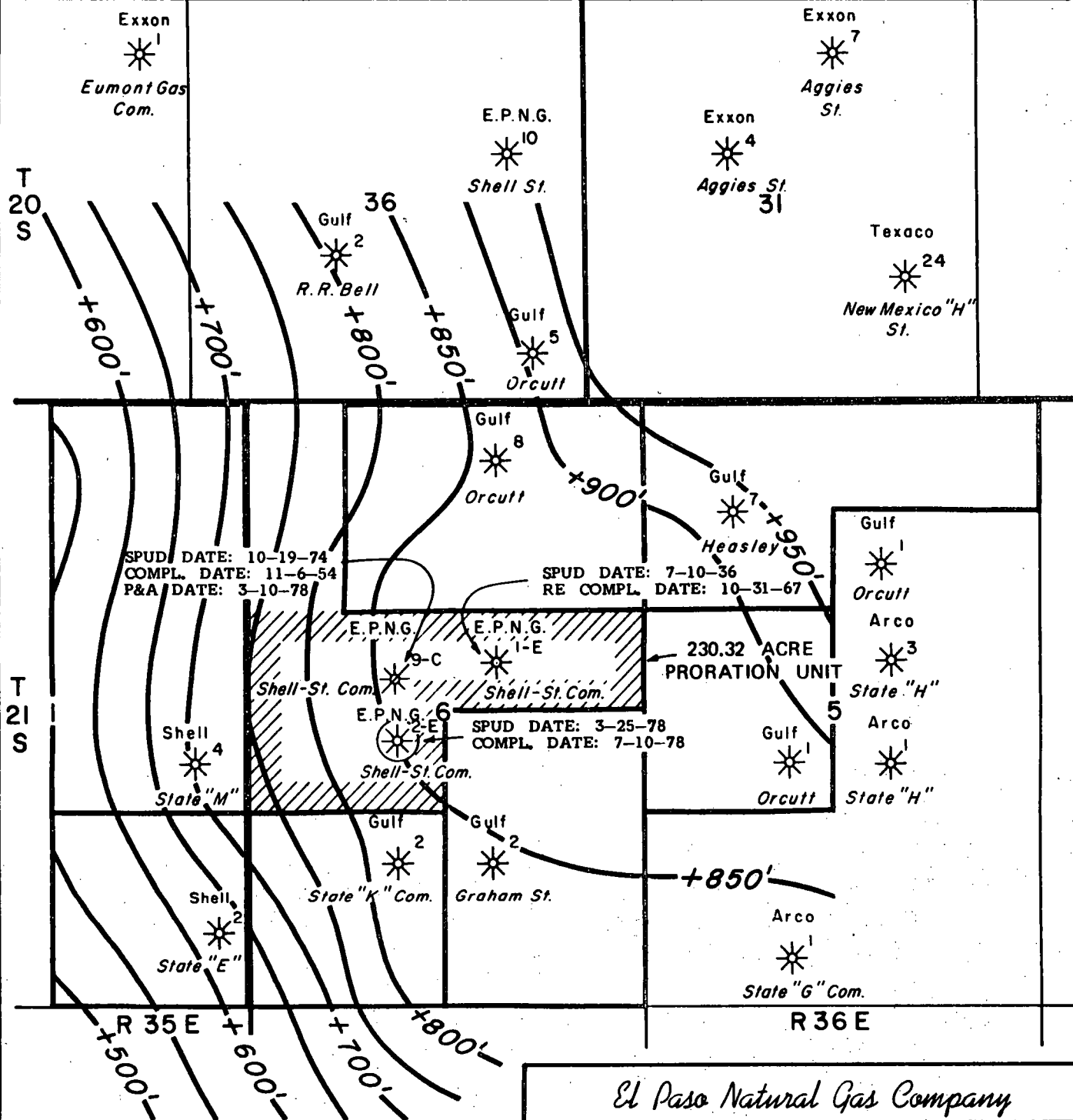
SIGNED J. I. Lent Jr. TITLE Production Engineer DATE 3/20/78

APPROVED BY M. H. Crowland TITLE OIL & GAS INSPECTOR DATE April 11 1978

CONDITIONS OF APPROVAL, IF ANY:

R 36 E

R 31 E



STRUCTURE MAP  
SUBSEA TOP OF YATES FORMATION

*El Paso Natural Gas Company*

**EUMONT GAS POOL**  
YATES, 7/RIVERS, QUEEN RESERVOIR  
LEA COUNTY, NEW MEXICO

CONTOUR INTERVAL = 50'

- \* GAS WELL (EUMONT)    ⊗ DETERMINATION WELL
- \*<sub>D</sub> DUAL GAS WELL
- \*<sub>P&A</sub> P & A GAS WELL
- DRY HOLE

2000' 1000' 0 2000'  
SCALE IN FEET

DATE: MAY 1980



JERRY APODACA  
GOVERNOR

NICK FRANKLIN  
SECRETARY

STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

RECEIVED  
JAN 17 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

January 16, 1979

El Paso Natural Gas Co.  
P. O. Box 1492  
El Paso, Texas 79978

Attention: H. L. Kendrick

Re: Simultaneous Dedication, Shell  
"E" State Com No. 1 and Shell  
"F" State Com No. 1, Eumont Gas  
Pool

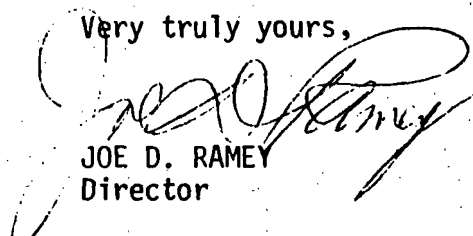
Gentlemen:

Reference is made to your letter dated November 27, 1978, wherein you have requested simultaneous dedication for two wells, namely your Shell "E" State Com Well No. 1, located in Unit J, and your Shell "F" State Com Well No. 1, located in Unit N, Section 6, Township 21 South, Range 36 East, NMPM, Eumont Gas Pool, Lea County, New Mexico. Your proposal is to dedicate these two wells to the 230-acre previously approved non-standard proration unit comprising all of Lots 9, 10, 11, 12, 13, and 14 of said Section 6.

Inasmuch as these two wells are both at standard locations for a unit of this size, your request for simultaneous dedication is hereby approved.

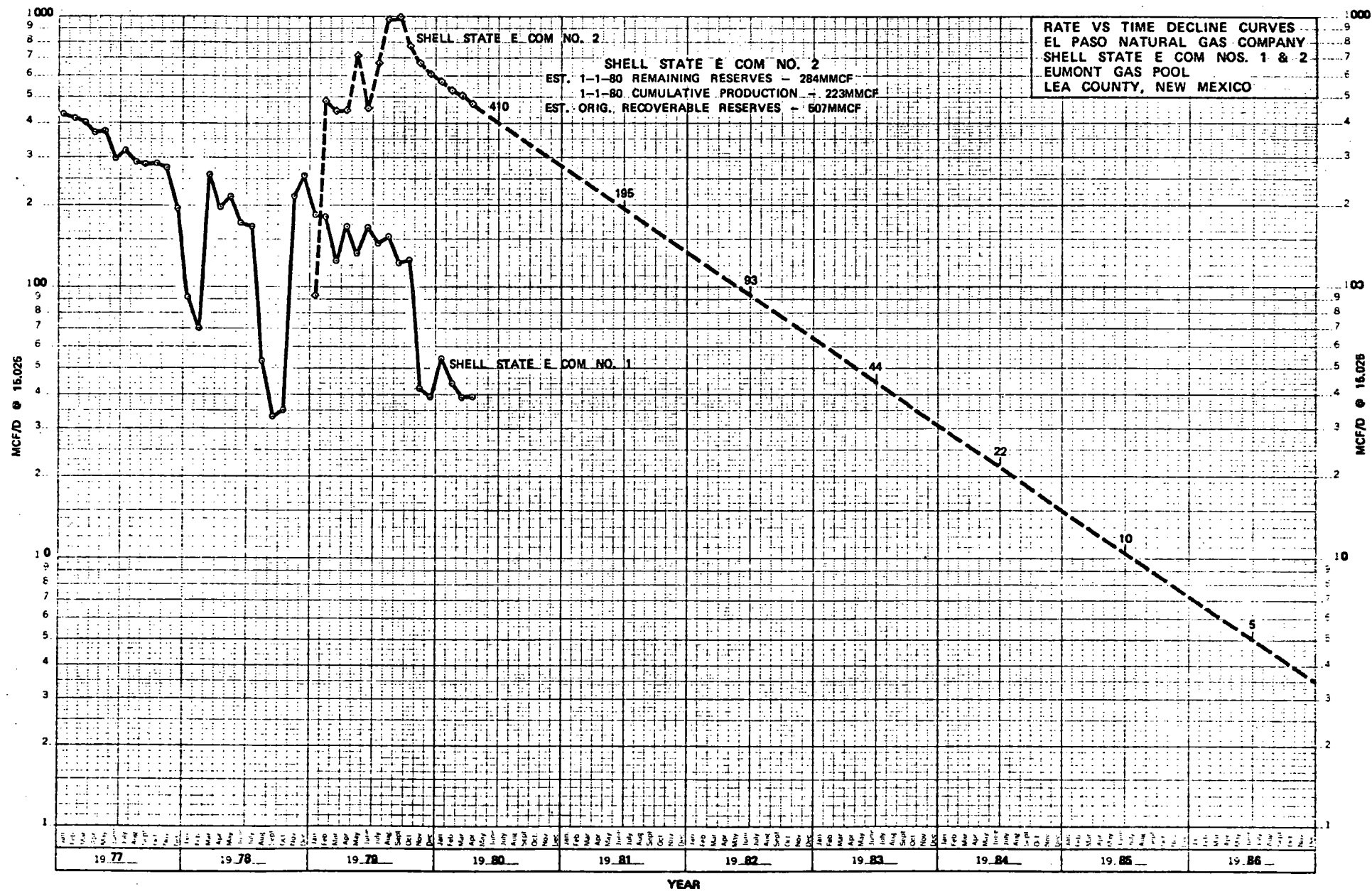
It will be necessary, however, for one or both of the wells to be re-named and renumbered inasmuch as both wells on a simultaneously dedicated unit must bear the same lease name.

Very truly yours,

  
JOE D. RAMEY  
Director

JDR/DSN/og

cc: Oil Conservation Division - Hobbs  
Gas Proration Section - Santa Fe



YEAR



SCHEDULE OF ALLOWABLES AND PRODUCTION  
EL PASO NATURAL GAS CO. SHELL STATE E COM NOS. 1 AND 2  
PRORATION UNIT - LOTS 9, 10, 11, 12, 13 AND 14 SECTION 6, T-21-S, R-36-E (230.32 ACRES)  
EUMONT GAS POOL, LEA COUNTY, NEW MEXICO

(Gas Volumes @ 15.025 psia & 60° F)

| Month, Year     | Actual<br>Marginal<br>Allowable<br>Mcf | Non-Marginal<br>Allowable<br>Mcf | Production            |       |                       |       |        |       |
|-----------------|--|----------------------------------|-----------------------|-------|-----------------------|-------|--------|-------|
|                 |  |                                  | Shell St. E Com No. 1 |       | Shell St. E Com No. 2 |       | Total  |       |
|                 |  |                                  | Mcf                   | Mcf/D | Mcf                   | Mcf/D | Mcf    | Mcf/D |
| January, 1977   | 17912                                  | 44594                            | 13321                 | 430   | *                     | *     | 13321  | 430   |
| February, 1977  | 14419                                  | 61631                            | 11618                 | 415   | *                     | *     | 11618  | 415   |
| March, 1977     | 13321                                  | 74642                            | 12409                 | 400   | *                     | *     | 12409  | 400   |
| April, 1977     | 11618                                  | 40564                            | 11113                 | 370   | *                     | *     | 11113  | 370   |
| May, 1977       | 12409                                  | 28275                            | 11551                 | 373   | *                     | *     | 11551  | 373   |
| June, 1977      | 11113                                  | 20769                            | 8929                  | 298   | *                     | *     | 8929   | 298   |
| July, 1977      | 11551                                  | 20177                            | 9828                  | 317   | *                     | *     | 9828   | 317   |
| August, 1977    | 8929                                   | 21450                            | 8925                  | 288   | *                     | *     | 8925   | 288   |
| September, 1977 | 9828                                   | 20757                            | 8488                  | 283   | *                     | *     | 8488   | 283   |
| October, 1977   | 8925                                   | 25717                            | 8834                  | 285   | *                     | *     | 8834   | 285   |
| November, 1977  | 8488                                   | 25139                            | 8243                  | 275   | *                     | *     | 8243   | 275   |
| December, 1977  | 8834                                   | 33381                            | 6020                  | 194   | *                     | *     | 6020   | 194   |
| TOTAL           | 137347                                 | 417096                           | 119279                |       |                       |       | 119279 |       |
| AVERAGE         |  |                                  |                       | 327   |                       |       |        | 327   |
| January, 1978   | 8243                                   | 40473                            | 2864                  | 92    | *                     | *     | 2864   | 92    |
| February, 1978  | 6020                                   | 36241                            | 1968                  | 70    | *                     | *     | 1968   | 70    |
| March, 1978     | 2864                                   | 55782                            | 7993                  | 258   | *                     | *     | 7993   | 258   |
| April, 1978     | 1968                                   | 55841                            | 5921                  | 197   | *                     | *     | 5921   | 197   |
| May, 1978       | 7993                                   | 52981                            | 6676                  | 215   | *                     | *     | 6676   | 215   |
| June, 1978      | 5921                                   | 42839                            | 5151                  | 172   | *                     | *     | 5151   | 172   |
| July, 1978      | 6676                                   | 41554                            | 5161                  | 166   | *                     | *     | 5161   | 166   |
| August, 1978    | 10302                                  | 39913                            | 1655                  | 53    | *                     | *     | 1655   | 53    |
| September, 1978 | 5161                                   | 39784                            | 1004                  | 33    | *                     | *     | 1004   | 33    |
| October, 1978   | 1655                                   | 42672                            | 1099                  | 35    | *                     | *     | 1099   | 35    |
| November, 1978  | -                                      | 44557                            | 6502                  | 217   | *                     | *     | 6502   | 217   |
| December, 1978  | 1099                                   | 47516                            | 7971                  | 257   | *                     | *     | 7971   | 257   |
| TOTAL           | 57902                                  | 540153                           | 53965                 |       |                       |       | 53965  |       |
| AVERAGE         |  |                                  |                       | 148   |                       |       |        | 148   |
| January, 1979   | 6502                                   | 47571                            | 5709                  | 184   | 2871                  | 93    | 8580   | 277   |
| February, 1979  | 7971                                   | 40385                            | 5076                  | 181   | 13469                 | 481   | 18545  | 662   |
| March, 1979     | 8580                                   | 45024                            | 3853                  | 124   | 13650                 | 440   | 17503  | 564   |
| April, 1979     | 18545                                  | 41742                            | 5007                  | 167   | 13297                 | 443   | 18304  | 610   |
| May, 1979       | 17503                                  | 38993                            | 4092                  | 132   | 22184                 | 716   | 26276  | 848   |
| June, 1979      | 18304                                  | 36678                            | 4948                  | 165   | 13677                 | 456   | 18625  | 621   |
| July, 1979      | 26276                                  | 39265                            | 4452                  | 144   | 21221                 | 684   | 25673  | 828   |
| August, 1979    | 18625                                  | 39265                            | 4708                  | 152   | 30115                 | 971   | 34823  | 1123  |
| September, 1979 | 25673                                  | 39519                            | 3643                  | 121   | 29835                 | 995   | 33478  | 1116  |
| October, 1979   | 34823                                  | 41244                            | 3871                  | 125   | 23880                 | 770   | 27751  | 895   |
| November, 1979  | 33478                                  | 40261                            | 1271                  | 42    | 19933                 | 664   | 21204  | 706   |
| December, 1979  | 27751                                  | 43467                            | 1210                  | 39    | 18832                 | 608   | 20042  | 647   |
| TOTAL           | 244031                                 | 493414                           | 47840                 |       | 222964                |       | 270804 |       |
| AVERAGE         |  |                                  |                       | 131   |                       | 611   |        | 742   |
| January, 1980   | 21204                                  | 41919                            | 1678                  | 54    | 17579                 | 567   | 19257  | 621   |
| February, 1980  | 20042                                  | 35598                            | 1274                  | 44    | 15348                 | 529   | 16622  | 573   |
| March, 1980     | 19257                                  | 37863                            | 1195                  | 39    | 15592                 | 503   | 16787  | 542   |
| April, 1980     | 16622                                  | 34975                            | 1182                  | 39    | 14200                 | 473   | 15382  | 512   |
| 4 Month TOTAL   | 77125                                  | 150355                           | 5329                  |       | 62719                 |       | 68048  |       |
| 4 Month AVERAGE |  |                                  |                       | 44    |                       | 518   |        | 562   |

\* 1st Production January, 1979