

**MUSSELMAN, OWEN & KING OPERATING, INC.**

Suite 200, The Summit  
300 N. Marienfeld  
Midland, Texas 79701  
(915) 683-9314

December 1, 1987

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

Re: Non-Standard Location Request  
Section 1, T-22-S, R-23-E  
Indian Basin Upper Penn Field  
Eddy County, New Mexico

Dear Sir:

Musselman, Owen and King hereby files application for a non-standard location within the Indian Basin Upper Penn gas pool, located 1650 feet from the south line and 330 feet from the west line of section 1, T-22-S, R-23-E, Eddy County, New Mexico. The #2 Smith Federal well, 7500 feet in depth, is planned to test the Upper Penn formation as produces in the Indian Basin Field. All of section 1, containing 673.32 acres, more or less, is being dedicated to this well from federal lease #NM-251099, formerly owned by Hondo Oil and Gas Company.

Musselman, Owen and King respectfully requests that the Director approve this application based on the following information:

The Arco/Hondo Oil and Gas #1 Smith Federal located 1930 feet from the north line and 2800 feet from the east line of section 1 has produced to date about 23.2 BCF of gas and 177,442 barrels of condensate from the Upper Penn since its completion on 9-29-65. Although it is still capable of producing gas in paying quantities, the flood front of the encroaching water drive system has reached this well from its source to the northeast and has introduced more water into the production than the existing water handling system can dispose of.

Because of the water encroachment problem, Musselman, Owen and King has acquired this lease from Hondo Oil and Gas for the purpose of re-drilling the section 1 proration unit. We believe that there are still very significant gas reserves remaining on this lease ahead of the water drive system encroaching from the northeast, and that the most logical location to effectively recover these reserves is in the southwest quarter of the section.

On November 24, we met with the surveyors and the location construction contractor on the lease for the purpose of determining the best location for the new well. At that time, we encountered several topographic and surface problems, enumerated below, that would effectively preclude us from drilling not only 1650 feet from the west line, but also 990 feet and 660 feet from the west line.

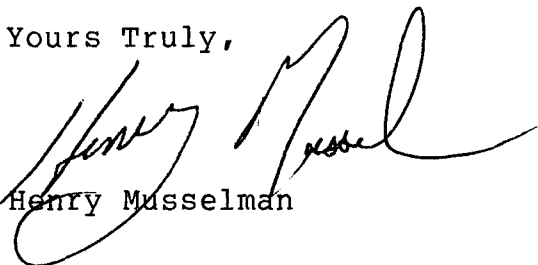
1. Topography. As shown on the attached topographic plat supplied by the USGS, the predominant physical feature in the southwest quarter of section 1 is a dry water canyon surrounded by significant vertical relief. A standard location 1650 feet from the south and west lines would encounter steeply dipping terrain making construction costs prohibitive. A location 1650 feet from the south line and 660 feet from the west line places the well pad in a low lying area adjacent to the water course and subject to flooding. In addition, Mr. Barry Hunt of the Carlsbad BLM Office has requested that we locate as far west as possible to avoid excessive cutting and filling.

2. Archaeology. An archaeological survey of the site performed by Pecos Archaeological Consultants determined that an Indian burial ground is located on the eastern bank of this dry water canyon, almost exactly in the center of the southwest quarter of section 1. Artifacts are found westward from the burial ground across the streambed. Although Pecos Archaeological Consultants found some artifacts on our location, they are recommending BLM approval. They have also informed us that any location east of our proposed location would not be approved because of existing artifacts and proximity to the burial ground.

In summary, Musselman, Owen and King believes that there are substantial gas reserves remaining under the southwestern quarter of section 1 and is seeking the best possible compromise location considering the significant topographical problems that exist. We are providing with this request a New Mexico OCC Well Location and Acreage Dedication Plat, a topographic (surface feature) map, a land lease plat and our structure map showing the encroaching flood front. If the Director requires further information, we will be happy to supply it.

Thanks for your time and consideration.

Yours Truly,



Henry Musselman

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

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

|                                                                                                                                                                                                 |                                          |                             |                                        |                                           |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------|----------------------------------------|-------------------------------------------|----------------------|
| Operator<br><b>MUSSELMAN OWEN &amp; KING</b>                                                                                                                                                    |                                          |                             | Lease<br><b>SMITH FEDERAL</b>          |                                           | Well No.<br><b>2</b> |
| Unit Letter -<br><b>L</b>                                                                                                                                                                       | Section<br><b>1</b>                      | Township<br><b>22 SOUTH</b> | Range<br><b>23 EAST</b>                | County<br><b>EDDY</b>                     |                      |
| Actual Footage Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span>1650 feet from the SOUTH line and</span> <span>330 feet from the WEST line</span> </div> |                                          |                             |                                        |                                           |                      |
| Ground Level Elev.<br><b>3909.5</b>                                                                                                                                                             | Producing Formation<br><b>Upper Penn</b> |                             | Pool<br><b>Indian Basin Upper Penn</b> | Dedicated Acreage:<br><b>673.32</b> Acres |                      |

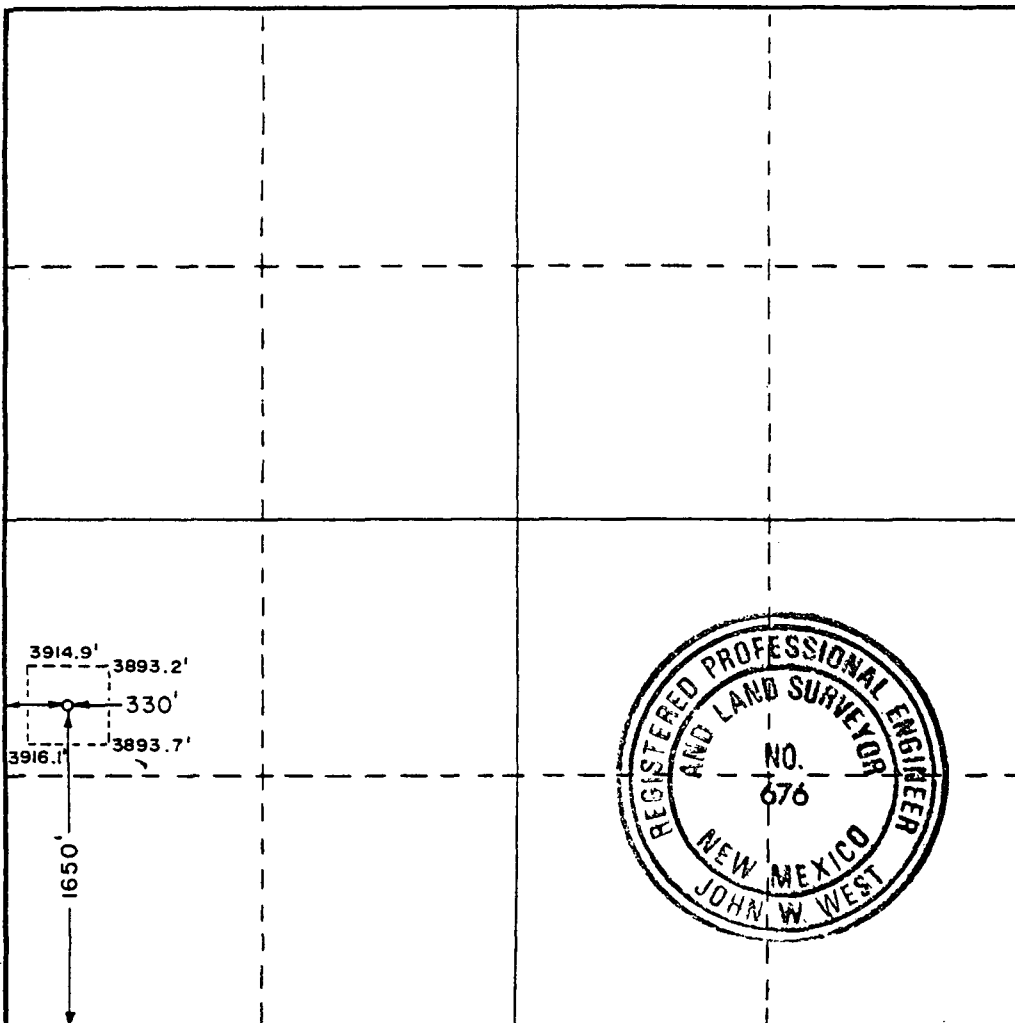
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

One Lease

☐ 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.*

Michael Hedrick

Name  
Agent

Position  
Musselman, Owen & King

Company  
12-16-87

Date

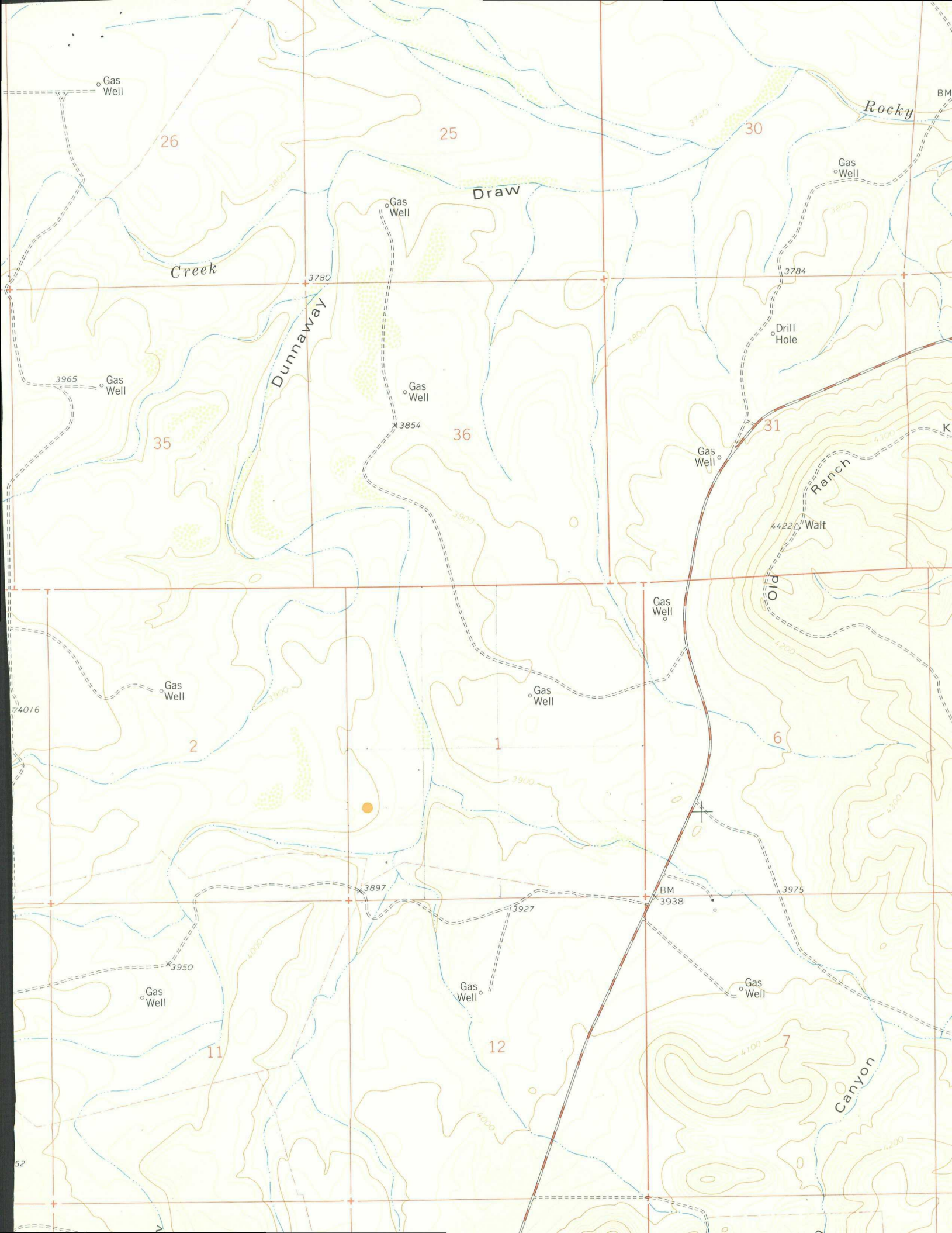
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

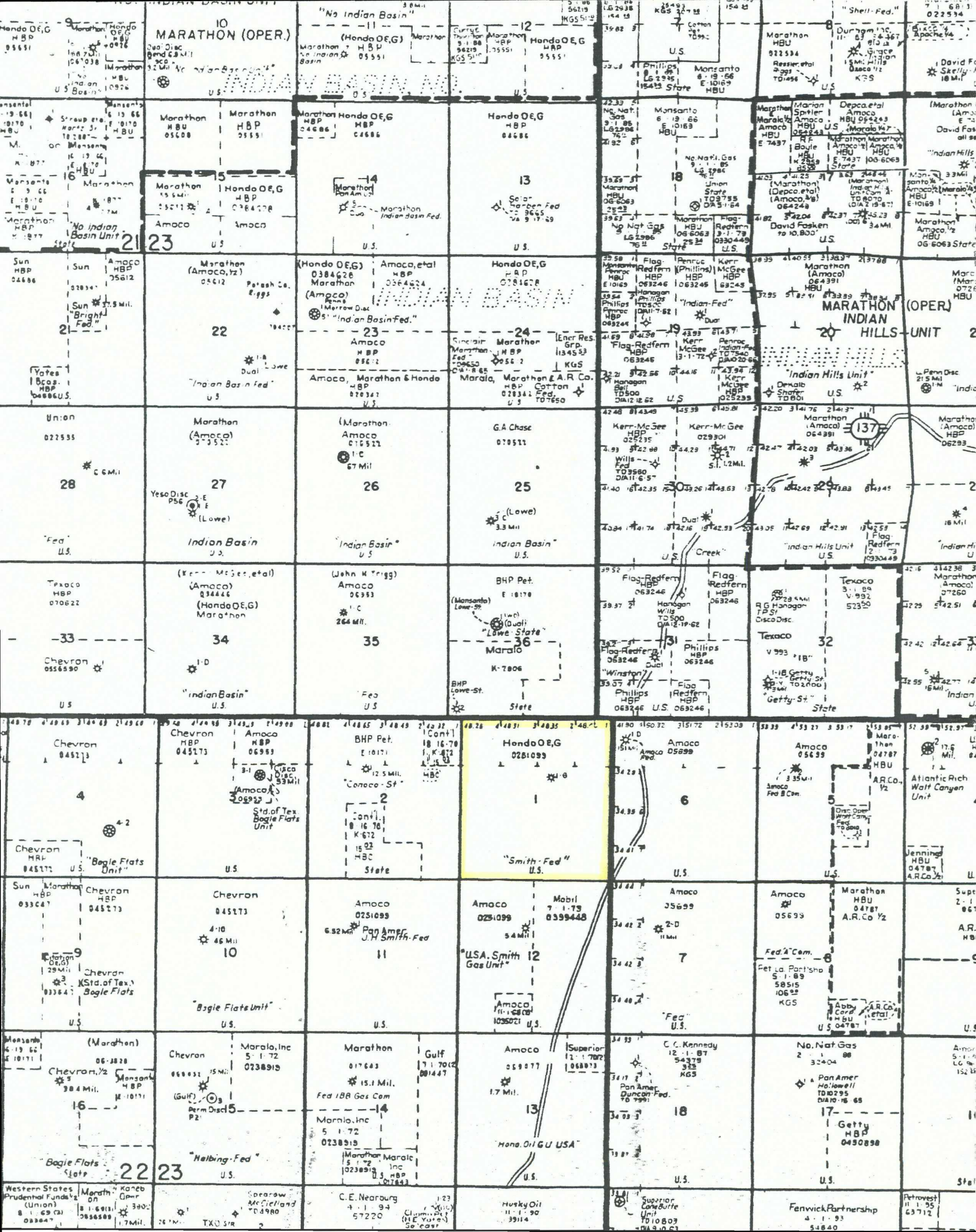
Date Surveyed  
NOVEMBER 24, 1987

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. **JOHN W. WEST, 676**  
**RONALD J. EIDSON, 3239**

98560





**MUSSELMAN, OWEN & KING OPERATING, INC.**

Suite 200, The Summit

300 N. Marienfeld

Midland, Texas 79701

(915) 683-9314

BHP Petroleum Co., Inc.  
6 Desta Drive, Suite 3200  
Midland, Texas 79705

December 18, 1987

Attn: Mr. Lee McLean

Re: Unorthodox Location Allowable  
Smith Federal Lease  
USA Lease # NM251099  
Sec. 1, T-22-S, R-23-E  
Eddy County, New Mexico

Dear Sir:

Musselman, Owen and King Operating, Inc. is planning a replacement well for the above referenced lease whose location will be 330' from the west line and 1650' from the south line of Section 1, T-22-S, R-23-E, Eddy County, New Mexico. Because this location is 1320' west of where a standard location for this quarter section would be, and thus encroaches on the BHP Operated "Conoco State" lease in Section 2, we have proposed a production allowable penalty for our #2 Smith Federal well based on an average of the following three methods of determination:

- (1) Productive Acreage Method: the amount of acreage up dip and west of a line drawn from the BHP #1 Lowe State (1995' FNL, 1712' FWL, section 36, T-21-S, R-23-E) to the Arco/Hondo #1 Smith Federal (1930' FNL, 2080' FEL section 1, T-22-S, R-23-E) to the Trigg/Amoco #2 Federal "IB" (1650' FN&WL, section 7, T-22-S, R-24-E).

493.16 acres or  $180.16/493.16 = .27$  or 73% of section 1.

- (2) Two Circle Method: the difference in acres between that portion of sections 2 and 11 (T-22-S, R-23-E) covered by a 493.16 acre circle with its center at 1650' FSL, 330' FWL and that portion of sections 2 and 11 covered by a 493.16 acre circle with its center at 1650' FSL, 1650' FWL of section 1.

Section 2:  $37\% - 12.4\% = 24.6\%$  or 75.4% legal drainage  
Section 11:  $5\% - 0.3\% = 4.7\%$  or 95.3% legal drainage  
29.3% or 70.7% legal drainage

- (3) Distance Ratio Method: using the 330' unorthodox location distance for a numerator and the 1650' standard location distance as a denominator.

$330/1650 = 0.20$  or 20%

BHP Petroleum Co., Inc.  
December 18, 1987  
Page -2-

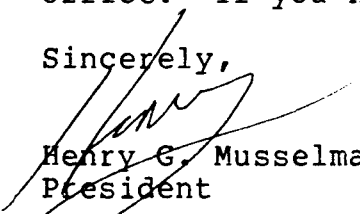
Average of the Three Methods:

$$(73\% + 70.7\% + 20\%) / 3 = 54.57\%$$

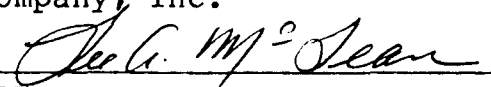
In order to expedite the processing of our application for an unorthodox location with the New Mexico Oil Conservation Commission and avoid a lengthy hearing process to set an allowable, Musselman, Owen and King respectfully requests that BHP Petroleum Company, Inc. waive its right to protest this unorthodox location application on condition that the maximum production rate of natural gas from the #2 Smith Federal well not exceed 54.57% of the standard monthly proration allowable for a well on a standard location within the Indian Basin Upper Penn gas pool. Upon acceptance of these terms by BHP and the other offset operators, Musselman, Owen and King will apply for an unorthodox location requesting this allowable penalty.

If these terms are acceptable to you, please sign this letter in the space provided below and return one copy to our office. If you have any further questions, please call.

Sincerely,

  
Henry G. Musselman  
President

Signed in acceptance of this letter agreement for BHP Petroleum Company, Inc.

  
Name Lee A. McLean

December 21, 1987  
Date

Regional Manager

Position

MUSSELMAN, OWEN & KING OPERATING, INC.

Suite 200, The Summit  
300 N. Marienfeld  
Midland, Texas 79701

Flag-Redfern Oil Company  
P.O. Box 11050  
Midland, Texas 79702

(915) 683-9314 December 18, 1987

Attn: Mr. Byron Graves

Re: Unorthodox Location Allowable  
Smith Federal Lease  
USA Lease # NM251099  
Sec. 1, T-22-S, R-23-E  
Eddy County, New Mexico

Dear Sir:

Musselman, Owen and King Operating, Inc. is planning a replacement well for the above referenced lease whose location will be 330' from the west line and 1650' from the south line of Section 1, T-22-S, R-23-E, Eddy County, New Mexico. Because this location is 1320' west of where a standard location for this quarter section would be, and thus encroaches on the BHP Company Operated "Conoco State" lease in Section 2, we have proposed a production allowable penalty for our #2 Smith Federal well based on an average of the following three methods of determination:

- (1) Productive Acreage Method: the amount of acreage updip and west of a line drawn from the BHP #1 Lowe State (1995' FNL, 1712' FWL section 36, T-21-S, R-23-E) to the Arco/Hondo #1 Smith Federal (1930' FNL, 2080' FEL section 1, T-22-S, R-23-E) to the Trigg/Amoco #2 Federal "IB" (1650' FN&WL, section 7, T-22-S, R-24-E).

493.16 acres or  $180.16/493.16 = .27$  or 73% of section 1.

- (2) Two Circle Method: the difference in acres between that portion of sections 2 and 11 (T-22-S, R-23-E) covered by a 493.16 acre circle with its center at 1650' FSL, 330' FWL and that portion of sections 2 and 11 covered by a 493.16 acre circle with its center at 1650' FSL, 1650' FWL of section 1.

Section 2:  $37\% - 12.4\% = 24.6\%$  or 75.4% legal drainage  
Section 11:  $5\% - 0.3\% = 4.7\%$  or 95.3% legal drainage  
29.3% or 70.7% legal drainage

- (3) Distance Ratio Method: using the 330' unorthodox location distance for a numerator and the 1650' standard location distance as a denominator.

$330/1650 = 0.20$  or 20%

Flag-Redfern Oil Company  
December 18, 1987  
Page -2-

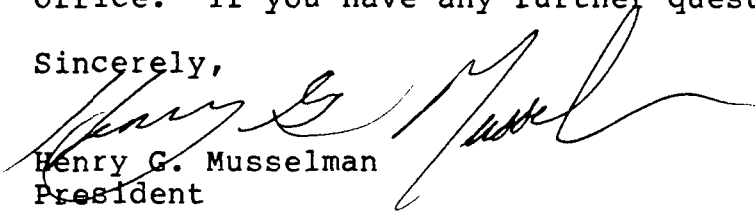
Average of the Three Methods:

$$(73\% + 70.7\% + 20\%) / 3 = 54.57\%$$

In order to expedite the processing of our application for an unorthodox location with the New Mexico Oil Conservation Commission and avoid a lengthy hearing process to set an allowable, Musselman, Owen and King respectfully requests that Flag-Redfern Oil Company waive its right to protest this unorthodox location application on condition that the maximum production rate of natural gas from the #2 Smith Federal well not exceed 54.57% of the standard monthly proration allowable for a well on a standard location within the Indian Basin Upper Penn gas pool. Upon acceptance of these terms by Flag-Redfern Oil Company and the other offset operators, Musselman, Owen and King will apply for an unorthodox location requesting this allowable penalty.

If these terms are acceptable to you, please sign this letter in the space provided below and return one copy to our office. If you have any further questions, please call.

Sincerely,

  
Henry G. Musselman  
President

Signed in acceptance of this letter agreement for Flag-Redfern Oil Company.

Bryan H. Drouais  
Name

Dec. 22, 1987  
Date

Exec. Vice President  
Position



James F. Trickett  
Regional Environmental  
Affairs and Safety Manager

**Amoco Production Company**

Houston Region  
501 WestLake Park Boulevard  
Post Office Box 3092  
Houston, Texas 77253

713-556-2000

December 22, 1987

File: JCA-986.51-5263

Re: Unorthodox Location Allowable  
Smith Federal Lease #2 Well  
Sec. 1 T-22-S, R-23-E  
Eddy County, New Mexico

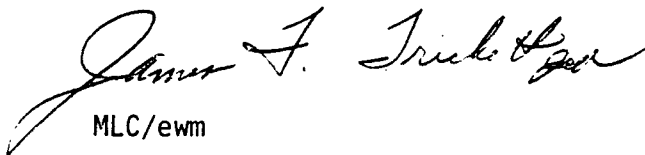
State of New Mexico  
Energy & Mineral Department  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

Gentlemen:

Amoco Production Company waives its right to protest Musselman, Owen and King's unorthodox location application on condition that the maximum production rate of natural gas from the #2 Smith Federal well not exceed 54.7% of the standard monthly proration allowable for a well on a standard location within the Indian Basin Upper Penn gas pool. Well #2 will be drilled at the following location:

330' FWL & 1650' FSL of Section 1, T-22-S, R-23-E, Eddy County, New Mexico

Yours very truly,



MLC/ewm

cc: Musselman Owen & King Operating Inc.  
Suite 200, The Summit  
300 N. Marienfeld  
Midland, Texas 79701

MONTGOMERY & ANDREWS  
PROFESSIONAL ASSOCIATION  
ATTORNEYS AND COUNSELORS AT LAW

OF COUNSEL  
William R. Federici

J. O. Seth (1883-1963)  
A. K. Montgomery (1903-1987)  
Frank Andrews (1914-1981)

Seth D. Montgomery  
Victor R. Ortega  
Jeffrey R. Brannen  
John B. Pound  
Gary R. Kilpatrick  
Thomas W. Olson  
William C. Madison  
Walter J. Melendres  
Bruce Herr  
Robert P. Worcester  
James C. Compton  
John B. Draper  
Nancy Anderson King  
Alison K. Schuler  
Janet McL. McKay  
Jean-Nikole Wells  
Joseph E. Earnest  
Stephen S. Hamilton  
W. Perry Pearce  
Brad V. Coryell  
Michael H. Harbour  
Robert J. Mroz  
Sarah M. Singleton  
Jay R. Hone  
Charles W. N. Thompson, Jr.  
John M. Hickey  
Mack E. With  
Galen M. Buller

Katherine W. Hall  
Edmund H. Kendrick  
Helen C. Sturm  
Richard L. Puglisi  
Arturo Rodriguez  
Joan M. Waters  
James C. Murphy  
James R. Jurgens  
Ann M. Maloney  
Deborah J. Van Vleck  
Anne B. Hemenway  
Roger L. Prucino  
Deborah S. Dungan  
Helen L. Stirling  
Rosalise Olson  
William P. Slattery  
Kenneth B. Baca  
Daniel E. Gershon  
Anne B. Tallmadge  
Michael R. Roybal  
Robert A. Bassett  
Paula G. Maynes  
Neils L. Thompson  
Susan Andrews  
Joseph E. Whitley  
David L. Skinner  
Elizabeth A. Glenn

December 23, 1987

HAND-DELIVERED

SANTA FE OFFICE  
325 Paseo de Peralta  
Post Office Box 2307  
Santa Fe, New Mexico 87504-2307

Telephone (505) 982-3873  
Telecopy (505) 982-4289

ALBUQUERQUE OFFICE  
Suite 500  
7 Broadway Place  
707 Broadway, N.E.  
Post Office Box 26927  
Albuquerque, New Mexico 87125-6927

Telephone (505) 242-9677

LOS ALAMOS OFFICE  
Suite 120  
901 18th Street  
Los Alamos, New Mexico 87544

Telephone (505) 662-0005

REPLY TO SANTA FE OFFICE

Mr. David Catanach, Engineer  
New Mexico Oil Conservation Division  
State Land Office Building  
Santa Fe, New Mexico 87501

Re: Musselman, Owen & King Operating, Inc.,  
Application for Unorthodox Location

Dear David:

Enclosed please find the application of Musselman, Owen & King for an unorthodox location for a well to be drilled 330 feet from the west line and 1650 feet from the southline of Section 1, Township 22 South, Range 23 East, Eddy County, New Mexico. As required by Division Rule 104 this application is submitted in triplicate and contains the following items:

1. A letter to the Division dated December 1, 1987 from Musselman, Owen & King requesting approval of this unorthodox location.

2. A copy of Oil Conservation & Division Form C-102 which is the well location and acreage dedication plat showing the proposed location.

3. A copy of a portion of the USGS Topographic Map for this area showing the

location and surface features referred to in the December 1 letter, referred to in Item No. 1, above.

4. A copy of the lease plat showing offset operators to the proposed unorthodox location. This plat shows that the offset operators are Amoco, BHP, and Flag-Redfern.

5. Copy of a letter dated December 18, 1987 from Musselman, Owen & King which indicates that BHP the offset operator to the north and west of the proposed unorthodox location waive their objection to this unorthodox location upon condition that a penalty in allowable be applied to this well so that production from the well shall not exceed 54.57% of the standard monthly allowable for a well drilled at a standard location within the Indian Basin Upper Pennsylvanian Gas Pool.

6. A copy of a letter from Musselman, Owen & King dated December 18, 1987 which shows the approval of Flag-Redfern to this unorthodox location provided that a penalty is imposed as set forth in Paragraph 5, above.

7. A copy of a letter dated December 22, 1987 from Amoco Production Company waiving its objection to the nonstandard location provided that a penalty is imposed upon production from this well so that production may not exceed 54.7% of the standard monthly allowable for a well at a standard location within the Indian Basin Upper Pennsylvanian Gas Pool.

After extensive discussions with these offset operators, Musselman, Owen & King has agreed to the imposition of this penalty and request that this application be processed.

Because of certain time and fiscal pressures, Musselman, Owen & King respectfully request that this matter be considered and approved immediately so that a rig which is presently available to begin drilling of this well may proceed.

Mr. David Catanach, Engineer  
December 23, 1987  
Page 3

Thank you for your timely consideration of and response to  
this matter.

Sincerely,



W. Perry Pearce

WPP/lb

Encl.

cc: Musselman, Owen & King Operating, Inc. [w/Encl.]

Mr. Michael Hedrick

[wpp:132]

002L0122S23E00UP

SOUTHEAST GAS PRORATION WELL FILE DUMP MARCH 4, 1991

INDIAN BASIN UPPER PENN MARATHON OIL COMPANY

MUSSELMAN, OWEN & KING OPER. INC.

SMITH FEDERAL

PAGE 1

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00/00/00 350 000 000

NUMBER OF RECS ACCESSED 00001

NUMBER OF RECS WRITTEN 00000

1411-M

UARGO Business Forms - K



| MARCH 1990 SOUTHEAST GAS PRECATION SCHEDULE |              |       |      |        |        |     |        |     |        |
|---------------------------------------------|--------------|-------|------|--------|--------|-----|--------|-----|--------|
| INDIAN BASIN                                | DESCRIPTION  | STATE | AF   | SALES  | JAN    | D/P | ALLC   | AGE | WAS    |
| US                                          |              |       |      |        |        |     |        |     |        |
| KEAR-MCCRE CORPORATION                      | INDIAN BASIN | OK    | 1.00 | 22022  | 22022  | 640 | 22022  | 640 | 22022  |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 22022  |     | 22022  | 640 | 22022  |
| MARATHON OIL COMPANY                        |              |       |      |        |        |     |        |     |        |
| KEAR-MCCRE CORPORATION                      | INDIAN BASIN | OK    | 1.00 | 40     | 40     | 640 | 40     | 640 | 40     |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 40     |     | 40     | 640 | 40     |
| MARATHON AND GAS CO. OF N. M.               |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 3564   | 3564   | 640 | 3564   | 640 | 3564   |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 3564   |     | 3564   | 640 | 3564   |
| AMOCO PRODUCTION CO.                        |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 394784 | 394784 | 640 | 394784 | 640 | 394784 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 394784 |     | 394784 | 640 | 394784 |
| GAS CO. OF NEW MEXICO                       |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 115563 | 115563 | 640 | 115563 | 640 | 115563 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 115563 |     | 115563 | 640 | 115563 |
| GRAY ENERGY CO.                             |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 67554  | 67554  | 640 | 67554  | 640 | 67554  |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 67554  |     | 67554  | 640 | 67554  |
| MARATHON OIL COMPANY                        |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 25757  | 25757  | 640 | 25757  | 640 | 25757  |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 25757  |     | 25757  | 640 | 25757  |

| MARCH 1990 SOUTHEAST GAS PRECATION SCHEDULE |              |       |      |        |        |     |        |     |        |
|---------------------------------------------|--------------|-------|------|--------|--------|-----|--------|-----|--------|
| INDIAN BASIN                                | DESCRIPTION  | STATE | AF   | SALES  | JAN    | D/P | ALLC   | AGE | WAS    |
| US                                          |              |       |      |        |        |     |        |     |        |
| KEAR-MCCRE CORPORATION                      | INDIAN BASIN | OK    | 1.00 | 711830 | 711830 | 640 | 711830 | 640 | 711830 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 711830 |     | 711830 | 640 | 711830 |
| MARATHON OIL COMPANY                        |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 115563 | 115563 | 640 | 115563 | 640 | 115563 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 115563 |     | 115563 | 640 | 115563 |
| AMOCO PRODUCTION CO.                        |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 394784 | 394784 | 640 | 394784 | 640 | 394784 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 394784 |     | 394784 | 640 | 394784 |
| GAS CO. OF NEW MEXICO                       |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 115563 | 115563 | 640 | 115563 | 640 | 115563 |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 115563 |     | 115563 | 640 | 115563 |
| GRAY ENERGY CO.                             |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 67554  | 67554  | 640 | 67554  | 640 | 67554  |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 67554  |     | 67554  | 640 | 67554  |
| MARATHON OIL COMPANY                        |              |       |      |        |        |     |        |     |        |
| INDIAN BASIN                                | INDIAN BASIN | OK    | 1.00 | 25757  | 25757  | 640 | 25757  | 640 | 25757  |
| PIPELINE TOTAL                              |              |       |      | 1.00   | 25757  |     | 25757  | 640 | 25757  |

[illegible]

[illegible][illegible]







INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

MAR

DESCRIPTION STATE AF JULY CANCEL Q/P LHM JULY D/U CURTAIL AFTER ALLOC ACRES-AGE

DESCRIPTION STATE AF JULY CANCEL Q/P LHM JULY D/U CURTAIL AFTER ALLOC ACRES-AGE

MINSTON GAS CO

MINSTON GAS CO

MINSTON GAS CO

MINSTON GAS CO

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

LUKE STATE GAS CO

LUKE STATE GAS CO

LUKE STATE GAS CO

LUKE STATE GAS CO

KERR-MCGEE CORPORATION

KERR-MCGEE CORPORATION

KERR-MCGEE CORPORATION

KERR-MCGEE CORPORATION

MARTHA CREEK GAS CO

MARTHA CREEK GAS CO

MARTHA CREEK GAS CO

MARTHA CREEK GAS CO

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

MAKATHIN AND GAS CO. OF N. M.

MAKATHIN AND GAS CO. OF N. M.

MAKATHIN AND GAS CO. OF N. M.

MAKATHIN AND GAS CO. OF N. M.

PENROC OIL CORPORATION

PENROC OIL CORPORATION

PENROC OIL CORPORATION

PENROC OIL CORPORATION

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

INDIAN BASIN UPPER PENN. (PRC GAS)

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

SMITH FEDERAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

GAS CO. OF NEW MEXICO

GAS CO. OF NEW MEXICO

GAS CO. OF NEW MEXICO

GAS CO. OF NEW MEXICO

URRY ENERGY CO

URRY ENERGY CO

URRY ENERGY CO

URRY ENERGY CO

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

PIPELINE TOTAL

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

MAKATHIN OIL COMPANY

AMAX OIL & GAS INC.

AMAX OIL & GAS INC.

AMAX OIL & GAS INC.

AMAX OIL & GAS INC.

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

AMOCO PRODUCTION CO

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

BHP PETROLEUM, INC.

LUKE STATE GAS CO

LUKE STATE GAS CO

LUKE STATE GAS CO

LUKE STATE GAS CO



INDIAN BASIN MURKIN (PROPRATE GAS)  
DESCRIPTION STATE AF MAY SALES

MAR MAY O/U

ALLC ACCE-AGE

INDIAN BASIN UPPER PENN. (PRC GAS)  
DESCRIPTION STATE AF MAY SALES

MAR MAY O/U

ALLC ACCE-AGE

DHP PETROLEUM, INC.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

BOGLE FLATS UNIT GAS CO.  
STATE GAS CO. M 1.00 106514

838742 61707-

109558 678

KERR-MCGEE CORPORATION  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 104386

78632

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

HELAND FEDERAL GAS CO.  
STATE GAS CO. M 1.00 135584

791267 182660-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

ROBERT N. ENFIELD  
STATE GAS CO. M 1.00 46464

\*\*\*\*\*

40404 384

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

KERR-MCGEE CORPORATION  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

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640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640

MARTHA CREEK GAS CO.  
STATE GAS CO. M 1.00

\*\*\*\*\*

640

FEDERAL IND. GAS CO.  
STATE GAS CO. M 1.00 138864

791267 72548-

103357 640



| 1969 SOUTHEAST GAS PURATION - PERIOD END SCHEDULE |      |       |         |        |     |     |         |        |         | PAGE 28 |
|---------------------------------------------------|------|-------|---------|--------|-----|-----|---------|--------|---------|---------|
| INDIAN BASIN UPPER PENN.(IPRC GAS)                |      |       |         |        |     |     |         |        |         | MAR     |
| DESCRIPTION                                       | STAY | AF    | MAR     | AMT    | O/P | MAR | CURTAIL | MAY    | ACRE-   |         |
|                                                   | US   |       | SALES   | CANCEL | LIM | D/U | AFTER   | ALLOC  | AGE     |         |
| 1J1821523E                                        | M    | .60   | 43441   |        |     |     |         | 43441  | 576     |         |
| 2P1821523E                                        | M    | .60   |         |        |     |     |         |        | 384     |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| HONDO OIL AND GAS COMPANY                         |      |       |         |        |     |     |         |        |         |         |
| SMITH FEDERAL                                     | M    | 1.05  |         |        |     |     |         |        | 672     |         |
| 1G 122523E                                        | M    |       |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| KERR-MCCOY CORPORATION                            |      |       |         |        |     |     |         |        |         |         |
| MARATHON GAS COM                                  |      |       |         |        |     |     |         |        | 640     |         |
| 1J3021524E                                        | M    | 1.00  |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| MARATHON OIL COMPANY                              |      |       |         |        |     |     |         |        |         |         |
| FEDERAL 184 GAS COM                               |      |       | 43207   |        |     |     |         | 43207  | 640     |         |
| 1K1521523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| FEDERAL 188 GAS COM                               |      |       | 87676   |        |     |     |         | 110647 | 640     |         |
| 1F1422523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| FEDERAL 18C GAS COM                               |      |       | 145607  |        |     |     |         | 110647 | 640     |         |
| 1J2921523E                                        | N    | 1.00  |         |        |     |     |         |        | 192     |         |
| FEDERAL 18D GAS COM                               |      | .30   |         |        |     |     |         | 7621   | 640     |         |
| 2A3021523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       | 93464   |        |     |     |         | 110647 | 640     |         |
| 1E3021523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       | 103697  |        |     |     |         | 110647 | 640     |         |
| 1J3221523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       | 92071   |        |     |     |         | 110647 | 640     |         |
| 1K421523E                                         | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       | 330123  |        |     |     |         | 110647 | 640     |         |
| 1F2621523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       |         |        |     |     |         |        | 640     |         |
| 1K3421523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       |         |        |     |     |         |        | 640     |         |
| 1K2721523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN BASIN GAS COM                              |      |       |         |        |     |     |         |        | 640     |         |
| 1K2521523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| INDIAN HILLS GAS COM                              |      |       | 33420   |        |     |     |         | 69310  | 640     |         |
| 1F2921524E                                        | M    | 1.00  |         |        |     |     |         | 102105 | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       | 69310   |        |     |     |         |        | 640     |         |
| 1J1021523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       | 102105  |        |     |     |         |        | 640     |         |
| 1J1921523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       |         |        |     |     |         |        | 640     |         |
| 1K1121523E                                        | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       |         |        |     |     |         |        | 640     |         |
| 1K321523E                                         | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       |         |        |     |     |         |        | 640     |         |
| 1K421523E                                         | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| NORTH INDIAN GAS UNIT                             |      |       |         |        |     |     |         |        | 640     |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| MUSSELMAN, OWEN & KING OPER., INC.                |      |       |         |        |     |     |         |        |         |         |
| SMITH FEDERAL                                     |      |       | 931549- |        |     |     |         |        | 640     |         |
| 2L 122523E                                        | NC   |       |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| SUN EXPLORATION & PRODUCTION CO.                  |      |       |         |        |     |     |         |        |         |         |
| BRI 1G21523E                                      | M    | 1.00  |         |        |     |     |         |        | 640     |         |
| WEST INDIAN GAS UNIT                              |      |       | 71849   |        |     |     |         |        | 640     |         |
| 1N1721523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| WEST INDIAN GAS UNIT                              |      |       | 739354  |        |     |     |         | 110647 | 640     |         |
| 1N1721523E                                        | N    | 1.00  |         |        |     |     |         |        | 640     |         |
| WEST INDIAN GAS UNIT                              |      |       | 105289  |        |     |     |         |        | 640     |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| TEXACO PRODUCING CO.                              |      |       |         |        |     |     |         |        |         |         |
| NEW MEXICO OF STATE COM                           |      |       |         |        |     |     |         |        | 640     |         |
| 1J3221523E                                        | M    | 1.00  |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| TMO PRODUCTION CORPORATION                        |      |       |         |        |     |     |         |        |         |         |
| MELBING FEDERAL                                   | M    | .55   | 29103   |        |     |     |         | 29103  | 352     |         |
| 1D2222523E                                        | M    |       |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| UNION OIL COMPANY OF CALIFORNIA                   |      |       |         |        |     |     |         |        |         |         |
| FEDERAL 58                                        |      |       |         |        |     |     |         |        | 640     |         |
| 1G2821523E                                        | M    | 1.00  |         |        |     |     |         | 89690  | 640     |         |
| PIPELINE TOTAL                                    |      |       |         |        |     |     |         |        |         |         |
| 39.14                                             |      |       | 2935228 |        |     |     |         | 328523 | 601202  |         |
|                                                   |      |       |         |        |     |     |         |        | 2732351 |         |
|                                                   |      |       |         |        |     |     |         |        | 25048   |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| MARATHON AND GAS CO. OF N. M.                     |      |       |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| FLAG REDEEM OIL CO                                |      |       |         |        |     |     |         |        |         |         |
| WINSTON GAS COM                                   |      |       |         |        |     |     |         |        | 640     |         |
| 1K3121524E                                        | M    | 1.00  |         |        |     |     |         |        |         |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| MERIDIAN OIL INCORPORATED                         |      |       |         |        |     |     |         |        |         |         |
| J C WILLIAMSON STANDARD FED GAS COM               |      |       |         |        |     |     |         |        | 576     |         |
| 1G1921523E                                        | M    | .90   |         |        |     |     |         |        |         |         |
| PIPELINE TOTAL                                    |      | 1.90  |         |        |     |     |         |        | 1216    |         |
| *****                                             |      |       |         |        |     |     |         |        |         |         |
| POOL TOTAL                                        |      | 45.04 |         |        |     |     |         | 504564 | 601202  |         |
|                                                   |      |       | 3291608 |        |     |     |         |        | 3063935 |         |
|                                                   |      |       |         |        |     |     |         |        | 28824   |         |

| APRIL                                                                                                            | 1989 SOUTHEAST GAS PRODUCTION SCHEDULE | PAGE 27 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------|
| INDIAN BASIN MORROW (PRORATED GAS)                                                                               |                                        |         |
| DESCRIPTION STAT AF FEB SALES                                                                                    | O/P LIM                                | FEB O/U |
| HBP PETROLEUM, INC.<br>LOWE STATE GAS COM<br>IF3621523E M 1.00                                                   | *****                                  | *****   |
| KERR-MCGEE CORPORATION<br>MARTHA CREEK GAS COM<br>1J2021523E M 1.00<br>MARTHA CREEK GAS COM<br>2H3021523E N 1.00 | *****                                  | *****   |
| 119327                                                                                                           | *****                                  | *****   |
| 42493                                                                                                            | *****                                  | *****   |
| MARATHON OIL COMPANY<br>INDIAN HILLS UNIT<br>6W2021523E M 1.00                                                   | *****                                  | *****   |
| 5714                                                                                                             | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 48207                                  | 119327  |
| MARATHON AND GAS CO. OF N. M.                                                                                    |                                        |         |
| PERMAC OIL CORPORATION<br>INDIAN FEDERAL GAS COM<br>1J1921523E M 1.00                                            | *****                                  | *****   |
| 2858                                                                                                             | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 2858                                   | 119327  |
| POOL TOTAL                                                                                                       | 8.58                                   | 55383   |
| INDIAN BASIN UPPER PENN. (PRO GAS)                                                                               |                                        |         |
| AMOCO PRODUCTION CO                                                                                              |                                        |         |
| AMOCO PRODUCTION CO<br>HOC FEDERAL GAS COM<br>IF1122523E M 1.00                                                  | *****                                  | *****   |
| 6650                                                                                                             | *****                                  | *****   |
| SMITH FEDERAL GAS COM<br>IF1222523E M 1.00                                                                       | *****                                  | *****   |
| 123187                                                                                                           | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 3.00                                   | 249406  |
| GAS CO. OF NEW MEXICO                                                                                            |                                        |         |
| SUN EXPLORATION & PRODUCTION CO.<br>WEST INDIAN BASIN UNIT GAS COM<br>2C2021523E M 1.00                          | *****                                  | *****   |
| 73932                                                                                                            | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 1.00                                   | 73932   |
| MARATHON OIL COMPANY                                                                                             |                                        |         |
| AMAX OIL & GAS INC.                                                                                              |                                        |         |
| MERSON GAS COM<br>1A2122523E M .56                                                                               | *****                                  | *****   |
| 169                                                                                                              | *****                                  | *****   |
| AMOCO PRODUCTION CO<br>FEDERAL GAS COM<br>IF3521523E M 1.00                                                      | *****                                  | *****   |
| 93704                                                                                                            | *****                                  | *****   |
| BHP PETROLEUM, INC.<br>CONOCO STATE GAS COM<br>1F 222523E M 1.00                                                 | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 22345-                                 | *****   |
| LOWE STATE                                                                                                       |                                        |         |
| 2M3621523E M 1.00                                                                                                | *****                                  | *****   |
| 10587                                                                                                            | *****                                  | *****   |
| CHEVRON U.S.A. INC                                                                                               |                                        |         |
| ROGLE FLATS UNIT                                                                                                 |                                        |         |
| 2J 422523E M 1.00                                                                                                | *****                                  | *****   |
| 751420                                                                                                           | *****                                  | *****   |
| 3K 922523E M 1.00                                                                                                | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| 4F 1022523E M 1.00                                                                                               | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| 5F 1622523E M 1.00                                                                                               | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| 8G 322523E M 1.00                                                                                                | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| 9G 322523E M 1.00                                                                                                | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| ROGLE FLATS UNIT A COM<br>6G 822523E M 1.00                                                                      | *****                                  | *****   |
| 708887                                                                                                           | *****                                  | *****   |
| PIPELINE TOTAL                                                                                                   | 203853-                                | *****   |
| ROGLE FLATS UNIT GAS COM                                                                                         |                                        |         |

| APRIL                                                                           | 1989 SOUTHEAST GAS PRODUCTION SCHEDULE | PAGE 28 |
|---------------------------------------------------------------------------------|----------------------------------------|---------|
| INDIAN BASIN UPPER PENN. (PRO GAS)                                              |                                        |         |
| DESCRIPTION STAT AF FEB SALES                                                   | O/P LIM                                | FEB O/U |
| 1G 322523E M 1.00                                                               | *****                                  | *****   |
| 103934                                                                          | *****                                  | *****   |
| FEDERAL 137 GAS COM<br>1J3521523E M 1.00                                        | *****                                  | *****   |
| 98287                                                                           | *****                                  | *****   |
| HELING FEDERAL GAS COM<br>IF1522523E M 1.00                                     | *****                                  | *****   |
| 125250                                                                          | *****                                  | *****   |
| ROBERT N. ENFIELD<br>BUNNEL FEDERAL GAS COM<br>1J1821523E M .90                 | *****                                  | *****   |
| 40770                                                                           | *****                                  | *****   |
| 2P1821523E M .80                                                                | *****                                  | *****   |
| MORROW OIL AND GAS COMPANY<br>SMITH FEDERAL GAS COM<br>1G 122523E M 1.05        | *****                                  | *****   |
| 5714                                                                            | *****                                  | *****   |
| PIPELINE TOTAL                                                                  | 48207                                  | 119327  |
| MARATHON OIL COMPANY                                                            |                                        |         |
| FEDERAL 184 GAS COM<br>1K1521523E M 1.00                                        | *****                                  | *****   |
| 36170                                                                           | *****                                  | *****   |
| FEDERAL 188 GAS COM<br>IF1622523E M 1.00                                        | *****                                  | *****   |
| 77045                                                                           | *****                                  | *****   |
| FEDERAL 18C GAS COM<br>1J2021523E M 1.00                                        | *****                                  | *****   |
| 125196                                                                          | *****                                  | *****   |
| FEDERAL 21933 GAS COM<br>1J2021523E M 1.00                                      | *****                                  | *****   |
| 30                                                                              | *****                                  | *****   |
| INDIAN BASIN GAS COM<br>1E2321523E M 1.00                                       | *****                                  | *****   |
| 8626                                                                            | *****                                  | *****   |
| INDIAN BASIN A<br>1J2221523E M 1.00                                             | *****                                  | *****   |
| 63561                                                                           | *****                                  | *****   |
| INDIAN BASIN B GAS COM<br>1K1421523E M 1.00                                     | *****                                  | *****   |
| 85852                                                                           | *****                                  | *****   |
| INDIAN BASIN C<br>IF2621523E M 1.00                                             | *****                                  | *****   |
| 121256                                                                          | *****                                  | *****   |
| INDIAN BASIN D<br>1K3421523E M 1.00                                             | *****                                  | *****   |
| 106489                                                                          | *****                                  | *****   |
| INDIAN BASIN E<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 102535                                                                          | *****                                  | *****   |
| INDIAN BASIN F<br>1K2321523E M 1.00                                             | *****                                  | *****   |
| 62446                                                                           | *****                                  | *****   |
| INDIAN BASIN G<br>1K3421523E M 1.00                                             | *****                                  | *****   |
| 295009                                                                          | *****                                  | *****   |
| INDIAN BASIN H<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 106961                                                                          | *****                                  | *****   |
| INDIAN BASIN I<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 26369                                                                           | *****                                  | *****   |
| INDIAN BASIN J<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 69306                                                                           | *****                                  | *****   |
| INDIAN BASIN K<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 72787                                                                           | *****                                  | *****   |
| INDIAN BASIN L<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 23260                                                                           | *****                                  | *****   |
| INDIAN BASIN M<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 1959                                                                            | *****                                  | *****   |
| INDIAN BASIN N<br>1K2721523E M 1.00                                             | *****                                  | *****   |
| 846467-                                                                         | *****                                  | *****   |
| SUN EXPLORATION & PRODUCTION CO.<br>BRIGHT FEDERAL GAS COM<br>1G2121523E M 1.00 | *****                                  | *****   |
| 59276                                                                           | *****                                  | *****   |
| WEST INDIAN BASIN UNIT<br>1N1721523E M 1.00                                     | *****                                  | *****   |
| 115605                                                                          | *****                                  | *****   |
| TEXACO PRODUCING CO.<br>NEW MEXICO OF STATE COM<br>1J3621523E M 1.00            | *****                                  | *****   |
| 96879                                                                           | *****                                  | *****   |
| TXO PRODUCTION CORPORATION<br>HELBING FEDERAL GAS COM<br>1D222523E M .55        | *****                                  | *****   |
| 27118                                                                           | *****                                  | *****   |
| UNION OIL COMPANY OF CALIFORNIA<br>FEDERAL 26<br>1G2821523E M 1.00              | *****                                  | *****   |
| 19120                                                                           | *****                                  | *****   |
| PIPELINE TOTAL                                                                  | 39.14                                  | 2537825 |
| MARATHON AND GAS CO. OF N. M.                                                   |                                        |         |
| FLAG REDFERN OIL CO                                                             |                                        |         |
| WINSTON GAS COM<br>1K3321523E M 1.00                                            | *****                                  | *****   |
| 640                                                                             | *****                                  | *****   |
| MERIDIAN OIL INCORPORATED<br>J C WILLIAMSON STANDARD FED GAS COM                | *****                                  | *****   |



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| DECEMBER 1988 SOUTHEAST GAS PRODUCTION SCHEDULE |      |      |        |       | PAGE 27    |            |
|-------------------------------------------------|------|------|--------|-------|------------|------------|
| INDIAN BASIN MORROW (PRODUCED GAS)              |      |      |        |       | GMM        |            |
| DESCRIPTION                                     | STAT | AF   | OCT    | SALES | O/P<br>LTM | OCT<br>O/U |
| FLAG REDFERN OIL CO                             |      |      |        |       |            |            |
| INSTON GAS COM                                  | M    | 1.00 | 1144   |       |            |            |
| IF 3121523E                                     | N    | 1.00 | 1144   |       |            |            |
| PIPELINE TOTAL                                  |      | 1.00 | 1144   |       |            |            |
| MARATHON OIL COMPANY                            |      |      |        |       |            |            |
| BHP PETROLEUM, INC.                             |      |      |        |       |            |            |
| LOVE STATE GAS COM                              | M    | 1.00 |        |       |            |            |
| IF 3621523E                                     | N    | 1.00 |        |       |            |            |
| KERR-MCGEE CORPORATION                          |      |      |        |       |            |            |
| MARTHA CREEK GAS COM                            | M    | 1.00 |        |       |            |            |
| IF 3021524E                                     | N    | 1.00 |        |       |            |            |
| MARTHA CREEK GAS COM                            | M    | 1.00 | 67516  |       |            |            |
| 2H3021524E                                      | N    | 1.00 | 67516  |       |            |            |
| MARATHON OIL COMPANY                            |      |      |        |       |            |            |
| INDIAN HILLS UNIT                               |      |      |        |       |            |            |
| ON2021524E                                      | N    | 1.00 | 14184  |       |            |            |
| PIPELINE TOTAL                                  |      | 4.08 | 81700  |       |            |            |
| MARATHON AND GAS CO. OF N. M.                   |      |      |        |       |            |            |
| PENROC OIL CORPORATION                          |      |      |        |       |            |            |
| INDIAN FEDERAL GAS COM                          | M    | 1.00 | 6961   |       |            |            |
| IG1921524E                                      | N    | 1.00 | 6961   |       |            |            |
| PIPELINE TOTAL                                  |      | 1.00 | 6961   |       |            |            |
| POOL TOTAL                                      |      | 8.58 | 95450  |       |            |            |
| INDIAN BASIN UPPER PENN. (PROD GAS)             |      |      |        |       |            |            |
| AMOCO PRODUCTION CO                             |      |      |        |       |            |            |
| AMOCO PRODUCTION CO                             |      |      |        |       |            |            |
| HOC FEDERAL GAS COM                             | M    | 1.00 | 4896   |       |            |            |
| IF 1322523E                                     | N    | 1.00 | 4896   |       |            |            |
| SMITH FEDERAL                                   | M    | 1.00 | 120331 |       |            |            |
| IF 1122523E                                     | N    | 1.00 | 120331 |       |            |            |
| SMITH FEDERAL GAS COM                           | M    | 1.00 | 59919  |       |            |            |
| IF 1222523E                                     | N    | 1.00 | 128916 |       |            |            |
| PIPELINE TOTAL                                  |      | 3.00 | 254143 |       |            |            |
| GAS CO. OF NEW MEXICO                           |      |      |        |       |            |            |
| SUN EXPLORATION & PRODUCTION CO.                |      |      |        |       |            |            |
| WEST INDIAN BASIN UNIT GAS COM                  | M    | 1.00 | 82105  |       |            |            |
| 2G2021523E                                      | N    | 1.00 | 82105  |       |            |            |
| PIPELINE TOTAL                                  |      | 1.00 | 82105  |       |            |            |
| MARATHON OIL COMPANY                            |      |      |        |       |            |            |
| AMAX OIL & GAS INC.                             |      |      |        |       |            |            |
| MERSHON GAS COM                                 | M    | .56  | 1169   |       |            |            |
| IA2122523E                                      | N    | .56  | 1169   |       |            |            |
| AMOCO PRODUCTION CO                             |      |      |        |       |            |            |
| FEDERAL                                         | M    | 1.00 | 74965  |       |            |            |
| IF 3521523E                                     | N    | 1.00 | 74965  |       |            |            |
| BHP PETROLEUM, INC.                             |      |      |        |       |            |            |
| CUNICO STATE GAS COM                            | M    | 1.00 | 134037 |       |            |            |
| IF 222523E                                      | N    | 1.00 | 134037 |       |            |            |
| LOVE STATE                                      | M    | 1.00 | 73453  |       |            |            |
| 2M3621523E                                      | N    | 1.00 | 73453  |       |            |            |
| CHEVRON U.S.A. INC                              |      |      |        |       |            |            |

| DECEMBER 1988 SOUTHEAST GAS PRODUCTION SCHEDULE |      |       |         |       | PAGE 28    |            |
|-------------------------------------------------|------|-------|---------|-------|------------|------------|
| INDIAN BASIN UPPER PENN. (PROD GAS)             |      |       |         |       | MAR        |            |
| DESCRIPTION                                     | STAT | AF    | OCT     | SALES | O/P<br>LTM | OCT<br>O/U |
| BOULE FLATS UNIT                                |      |       |         |       |            |            |
| 2U 422523E                                      | N    | 1.00  | 162844  |       |            |            |
| 3K 922523E                                      | N    | 1.00  | 112950  |       |            |            |
| 4F 1022523E                                     | N    | 1.00  | 118210  |       |            |            |
| 5F 1622523E                                     | N    | 1.00  | 122696  |       |            |            |
| 6G 522523E                                      | N    | 1.00  | 108852  |       |            |            |
| 9G 1722523E                                     | N    | 1.00  | 86307   |       |            |            |
| BOULE FLATS UNIT A COM                          | M    | 1.00  | 125632  |       |            |            |
| 6G 822523E                                      | N    | 1.00  | 125632  |       |            |            |
| BOULE FLATS UNIT GAS COM                        | M    | 1.00  | 121159  |       |            |            |
| 1G 322523E                                      | N    | 1.00  | 113069  |       |            |            |
| FEDERAL 33 GAS COM                              | M    | 1.00  | 113069  |       |            |            |
| 1J 3321523E                                     | N    | 1.00  | 113069  |       |            |            |
| HELBING FEDERAL GAS COM                         | M    | 1.00  | 144331  |       |            |            |
| IF 1522523E                                     | N    | 1.00  | 144331  |       |            |            |
| ROBERT N. ENFIELD                               |      |       |         |       |            |            |
| BURR FEDERAL GAS COM                            | M    | .90   |         |       |            |            |
| 1J 1621523E                                     | N    | .90   |         |       |            |            |
| 2P 1821523E                                     | N    | .60   | 42667   |       |            |            |
| HONDO OIL AND GAS COMPANY                       |      |       |         |       |            |            |
| SMITH FEDERAL                                   | M    | 1.05  |         |       |            |            |
| 1G 122523E                                      | N    | 1.05  |         |       |            |            |
| KERR-MCGEE CORPORATION                          |      |       |         |       |            |            |
| MARTHA CREEK GAS COM                            | M    | 1.00  |         |       |            |            |
| 1J 3021524E                                     | N    | 1.00  |         |       |            |            |
| MARATHON OIL COMPANY                            |      |       |         |       |            |            |
| FEDERAL 18 GAS COM                              | M    | .00   | 40574   |       |            |            |
| K1521523E                                       | N    | .00   | 40574   |       |            |            |
| FEDERAL 18 GAS COM                              | M    | 1.00  | 91921   |       |            |            |
| IF 1422523E                                     | N    | 1.00  | 91921   |       |            |            |
| FEDERAL 18 GAS COM                              | M    | 1.00  | 107855  |       |            |            |
| 1J 2921523E                                     | N    | 1.00  | 107855  |       |            |            |
| FEDERAL 18 GAS COM                              | M    | .30   |         |       |            |            |
| 2A 3021523E                                     | N    | .30   |         |       |            |            |
| INDIAN BASIN GAS COM                            | M    | 1.00  | 7852    |       |            |            |
| 1E 2321523E                                     | N    | 1.00  | 7852    |       |            |            |
| INDIAN BASIN A                                  | M    | 1.00  |         |       |            |            |
| 1J 2221523E                                     | N    | 1.00  |         |       |            |            |
| INDIAN BASIN D GAS COM                          | M    | 1.00  |         |       |            |            |
| 1K 1421523E                                     | N    | 1.00  |         |       |            |            |
| INDIAN BASIN C                                  | M    | 1.00  | 109054  |       |            |            |
| IF 2621523E                                     | N    | 1.00  | 109054  |       |            |            |
| INDIAN BASIN D                                  | M    | 1.00  | 90125   |       |            |            |
| 1K 3421523E                                     | N    | 1.00  | 90125   |       |            |            |
| INDIAN BASIN F                                  | M    | 1.00  | 84937   |       |            |            |
| 1K 2521523E                                     | N    | 1.00  | 84937   |       |            |            |
| INDIAN HILLS UNIT GAS COM                       | M    | 1.00  | 50925   |       |            |            |
| 3F 2921524E                                     | N    | 1.00  | 50925   |       |            |            |
| NORTH INDIAN BASIN UNIT                         | M    | 1.00  | 59313   |       |            |            |
| 1M 021523E                                      | N    | 1.00  | 59313   |       |            |            |
| 4J 1621523E                                     | N    | 1.00  | 84689   |       |            |            |
| 5J 921523E                                      | N    | 1.00  | 5634    |       |            |            |
| 7K 1121523E                                     | N    | 1.00  |         |       |            |            |
| NORTH INDIAN BASIN UNIT GAS COM                 | M    | 1.00  | 22824   |       |            |            |
| 3K 321523E                                      | N    | 1.00  | 22824   |       |            |            |
| NORTH INDIAN BASIN UNIT GAS COM A               | M    | 1.00  | 3164    |       |            |            |
| 1J 12523E                                       | N    | 1.00  | 3164    |       |            |            |
| 2L 12523E                                       | N    | 1.00  | 93555   |       |            |            |
| SUN EXPLORATION & PRODUCTION CO.                |      |       |         |       |            |            |
| BRIGHT FEDERAL GAS COM                          | M    | 1.00  | 74993   |       |            |            |
| 1G 2121523E                                     | N    | 1.00  | 74993   |       |            |            |
| WEST INDIAN BASIN UNIT                          | M    | 1.00  | 129313  |       |            |            |
| 1N 1721523E                                     | N    | 1.00  | 129313  |       |            |            |
| TEXACO PRODUCING CO.                            |      |       |         |       |            |            |
| NEW MEXICO OF STATE COM                         | M    | 1.00  | 61313   |       |            |            |
| 1J 3221523E                                     | N    | 1.00  | 61313   |       |            |            |
| TXD PRODUCTION CORPORATION                      |      |       |         |       |            |            |
| HELBING FEDERAL                                 | M    | .55   | 29005   |       |            |            |
| 10222523E                                       | N    | .55   | 29005   |       |            |            |
| UNION OIL COMPANY OF CALIFORNIA                 |      |       |         |       |            |            |
| FEDERAL 18                                      | M    | 1.00  | 106221  |       |            |            |
| 1G 2821523E                                     | N    | 1.00  | 106221  |       |            |            |
| PIPELINE TOTAL                                  |      | 39.14 | 2795608 |       |            |            |

| NOVEMBER 1988 SOUTHEAST GAS PRODUCTION SCHEDULE |      |      |       |     |     |       |       |  |  | PAGE 27 |
|-------------------------------------------------|------|------|-------|-----|-----|-------|-------|--|--|---------|
| INDIAN BASIN MORROW (PROPRATEC GAS)             |      |      |       |     |     |       |       |  |  | D F     |
| DESCRIPTION                                     | STAT | AF   | SEP   | D/P | SEP | NOV   | ACRE- |  |  |         |
| US                                              |      |      | SALES | LIM | O/U | ALLOT | AGE   |  |  |         |
| GAS CO. OF NEW MEXICO                           |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| FLAG REDFERN OIL CO                             |      |      |       |     |     |       |       |  |  |         |
| INDIAN GAS CO                                   |      |      |       |     |     |       |       |  |  |         |
| 13121524E                                       | M    | 1.00 |       |     |     |       | 640   |  |  |         |
| PIPELINE TOTAL                                  |      | 1.00 |       |     |     |       |       |  |  |         |
| 640                                             |      |      |       |     |     |       |       |  |  |         |
| MARATHON OIL COMPANY                            |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| HIP PETROLEUM, INC.                             |      |      |       |     |     |       |       |  |  |         |
| LUM STATE GAS CO                                |      |      |       |     |     |       |       |  |  |         |
| 1F3021523E                                      | M    | 1.00 |       |     |     |       | 640   |  |  |         |
| KERR-MCGEE CORPORATION                          |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| MARTHA CREEK GAS CO                             |      |      |       |     |     |       |       |  |  |         |
| 13021524E                                       | M    | 1.00 |       |     |     |       | 640   |  |  |         |
| MARTHA CREEK GAS CO                             |      |      |       |     |     |       |       |  |  |         |
| 21001524E                                       | N    | 1.00 |       |     |     |       | 688   |  |  |         |
| 64239                                           |      |      |       |     |     |       |       |  |  |         |
| MARATHON OIL COMPANY                            |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| INDIAN BASIN UNIT                               |      |      |       |     |     |       |       |  |  |         |
| 6M2021524E                                      | N    | 1.00 |       |     |     |       | 640   |  |  |         |
| 6756                                            |      |      |       |     |     |       |       |  |  |         |
| MARATHON AND GAS CO. OF N. M.                   |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| PENNOG OIL CORPORATION                          |      |      |       |     |     |       |       |  |  |         |
| INDIAN FEDERAL GAS CO                           |      |      |       |     |     |       |       |  |  |         |
| 161921524E                                      | M    | 1.00 |       |     |     |       | 640   |  |  |         |
| 5756                                            |      |      |       |     |     |       |       |  |  |         |
| INDIAN BASIN UPPER PENN. (PRC GAS)              |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| PIPELINE TOTAL                                  |      | 1.00 |       |     |     |       |       |  |  |         |
| 5756                                            |      |      |       |     |     |       |       |  |  |         |
| INDIAN BASIN MORROW (PROPRATEC GAS)             |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| POOL TOTAL                                      |      | 8.58 |       |     |     |       |       |  |  |         |
| 76751                                           |      |      |       |     |     |       |       |  |  |         |
| INDIAN BASIN MORROW (PROPRATEC GAS)             |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| PIPELINE TOTAL                                  |      | 3.00 |       |     |     |       |       |  |  |         |
| 270902                                          |      |      |       |     |     |       |       |  |  |         |
| GAS CO. OF NEW MEXICO                           |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| SUN EXPLORATION & PRODUCTION CO.                |      |      |       |     |     |       |       |  |  |         |
| WEST INDIAN BASIN UNIT GAS CO                   |      |      |       |     |     |       |       |  |  |         |
| 262021523E                                      | N    | 1.00 |       |     |     |       | 640   |  |  |         |
| 64245                                           |      |      |       |     |     |       |       |  |  |         |
| INDIAN BASIN MORROW (PROPRATEC GAS)             |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| PIPELINE TOTAL                                  |      | 1.00 |       |     |     |       |       |  |  |         |
| 64245                                           |      |      |       |     |     |       |       |  |  |         |
| MARATHON OIL COMPANY                            |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| AMOCO PRODUCTION CO                             |      |      |       |     |     |       |       |  |  |         |
| FEDERAL C                                       |      |      |       |     |     |       |       |  |  |         |
| 1F3521523E                                      | N    | 1.00 |       |     |     |       | 640   |  |  |         |
| 79549                                           |      |      |       |     |     |       |       |  |  |         |
| BHP PETROLEUM, INC.                             |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| CONOCO STATE GAS CO                             |      |      |       |     |     |       |       |  |  |         |
| 1F2222523E                                      | N    | 1.00 |       |     |     |       | 640   |  |  |         |
| 122477                                          |      |      |       |     |     |       |       |  |  |         |
| LUM STATE                                       |      |      |       |     |     |       |       |  |  |         |
| 210021523E                                      | N    | 1.00 |       |     |     |       | 640   |  |  |         |
| 68828                                           |      |      |       |     |     |       |       |  |  |         |
| CHEVRON U.S.A., INC.                            |      |      |       |     |     |       |       |  |  |         |
| *****                                           |      |      |       |     |     |       |       |  |  |         |
| BUCKLE FLATS UNIT                               |      |      |       |     |     |       |       |  |  |         |

| NOVEMBER 1988 SOUTHEAST GAS PRODUCTION SCHEDULE |      |      |        |         |         |        |       |  |  | PAGE 28 |
|-------------------------------------------------|------|------|--------|---------|---------|--------|-------|--|--|---------|
| INDIAN BASIN UPPER PENN. (PRC GAS)              |      |      |        |         |         |        |       |  |  |         |
| DESCRIPTION                                     | STAT | AF   | SEP    | D/P     | SEP     | NOV    | ACRE- |  |  |         |
| US                                              |      |      | SALES  | LIM     | O/U     | ALLOT  | AGE   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| 2J 422523E                                      | N    | 1.00 | 128085 | 614945  | 421376- | 156292 | 678   |  |  |         |
| 3K 022523E                                      | N    | 1.00 | 110143 | 580138  | 316039- | 640    |       |  |  |         |
| 5F 022523E                                      | N    | 1.00 | 115135 | 580138  | 402058- | 640    |       |  |  |         |
| 5F 022523E                                      | N    | 1.00 | 105653 | 580138  | 402058- | 640    |       |  |  |         |
| 6G 522523E                                      | N    | 1.00 | 889946 | 614945  | 224041- | 156292 | 678   |  |  |         |
| BOCKE FLATS UNIT A COM                          |      |      |        |         |         | 84946  | 640   |  |  |         |
| 6G 822523E                                      | N    | 1.00 | 128187 | 580138  | 376740- | 147446 | 640   |  |  |         |
| BUCKLE FLATS UNIT GAS COM                       |      |      |        |         |         |        |       |  |  |         |
| 1G 322523E                                      | N    | 1.00 | 120063 | 614945  | 382054- | 156292 | 678   |  |  |         |
| FEDERAL J3 GAS CO                               |      |      |        |         |         |        |       |  |  |         |
| 1J3321523E                                      | N    | 1.00 | 96032  | 580138  | 214048- | 147446 | 640   |  |  |         |
| HELBING FEDERAL GAS CO                          |      |      |        |         |         |        |       |  |  |         |
| 1F1522523E                                      | N    | 1.00 | 136813 | 580138  | 155101- | 147446 | 640   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| ROBERT H. ENFIELD                               |      |      |        |         |         |        |       |  |  |         |
| BUNNEL FEDERAL GAS CO                           |      |      |        |         |         |        |       |  |  |         |
| 1J1521523E                                      | N    | .20  | 30973  | 119414  |         | 89467  | 576   |  |  |         |
| 2F1821523E                                      | N    | .60  |        |         |         |        | 384   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| HONDO OIL AND GAS COMPANY                       |      |      |        |         |         |        |       |  |  |         |
| 1G 122523E                                      | M    | 1.05 |        |         |         |        | 672   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| KANE OPERATING CO., LTD                         |      |      |        |         |         |        |       |  |  |         |
| MERSHON GAS CO                                  |      |      |        |         |         |        |       |  |  |         |
| 1A2122523E                                      | M    | .56  | 824    |         |         | 824    | 358   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| KERR-MCGEE CORPORATION                          |      |      |        |         |         |        |       |  |  |         |
| MARTHA CREEK GAS CO                             |      |      |        |         |         |        |       |  |  |         |
| 1J3021524E                                      | M    | 1.00 |        |         |         |        | 640   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| MARATHON OIL COMPANY                            |      |      |        |         |         |        |       |  |  |         |
| FEDERAL 1B GAS CO                               |      |      |        |         |         |        |       |  |  |         |
| 1F1322523E                                      | M    | 1.00 | 43660  | 43660   |         | 43660  | 640   |  |  |         |
| FEDERAL 1B GAS CO                               |      |      |        |         |         |        |       |  |  |         |
| 1F1622523E                                      | N    | 1.00 | 85651  | 580138  | 23668-  | 147446 | 640   |  |  |         |
| FEDERAL 1B GAS CO                               |      |      |        |         |         |        |       |  |  |         |
| 1J2921523E                                      | N    | 1.00 | 100698 | 580138  | 209385- | 147446 | 640   |  |  |         |
| FEDERAL 1B GAS CO                               |      |      |        |         |         |        |       |  |  |         |
| 2A3021523E                                      | M    | .30  |        |         |         |        | 192   |  |  |         |
| INDIAN BASIN GAS CO                             |      |      |        |         |         |        |       |  |  |         |
| 1E2321523E                                      | M    | 1.00 | 6194   |         |         | 6194   | 640   |  |  |         |
| INDIAN BASIN A                                  |      |      |        |         |         |        |       |  |  |         |
| 1J2221523E                                      | M    | 1.00 |        |         |         |        | 640   |  |  |         |
| INDIAN BASIN D GAS CO                           |      |      |        |         |         |        |       |  |  |         |
| 1K1221523E                                      | M    | 1.00 |        |         |         |        | 640   |  |  |         |
| INDIAN BASIN C                                  |      |      |        |         |         |        |       |  |  |         |
| 1F2621523E                                      | N    | 1.00 | 85011  | 580138  | 97285-  | 147446 | 640   |  |  |         |
| INDIAN BASIN D                                  |      |      |        |         |         |        |       |  |  |         |
| 1K3221523E                                      | N    | 1.00 | 85328  | 580138  | 22021-  | 147446 | 640   |  |  |         |
| INDIAN BASIN E                                  |      |      |        |         |         |        |       |  |  |         |
| 1K2721523E                                      | N    | 1.00 | 76437  |         | 835     | 147446 | 640   |  |  |         |
| INDIAN BASIN F                                  |      |      |        |         |         |        |       |  |  |         |
| 1K2521523E                                      | M    | 1.00 |        |         |         |        | 640   |  |  |         |
| INDIAN BASIN UNIT GAS CO                        |      |      |        |         |         |        |       |  |  |         |
| 1F2921524E                                      | M    | 1.00 | 46358  |         |         | 46358  | 640   |  |  |         |
| NORTH INDIAN BASIN UNIT                         |      |      |        |         |         |        |       |  |  |         |
| 1A1021523E                                      | M    | 1.00 | 57122  |         |         | 57122  | 640   |  |  |         |
| 4J1621523E                                      | N    | 1.00 | 79818  |         | 140497  | 147446 | 640   |  |  |         |
| 5J 921523E                                      | M    | 1.00 | 5898   |         |         | 5898   | 640   |  |  |         |
| 7K1121523E                                      | M    | 1.00 |        |         |         |        | 640   |  |  |         |
| NORTH INDIAN BASIN UNIT GAS CO                  |      |      |        |         |         |        |       |  |  |         |
| 3K 321523E                                      | M    | 1.00 | 26608  |         |         | 26608  | 640   |  |  |         |
| NORTH INDIAN BASIN UNIT GAS CO A                |      |      |        |         |         |        |       |  |  |         |
| 6J 421523E                                      | M    | 1.00 | 2993   |         |         | 2993   | 640   |  |  |         |
| SMITH FEDERAL                                   |      |      |        |         |         |        |       |  |  |         |
| 2L 122523E                                      | NC   |      | 92538  | 394948- |         |        | 640   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| SUN EXPLORATION & PRODUCTION CO.                |      |      |        |         |         |        |       |  |  |         |
| BRIGHT FEDERAL GAS CO                           |      |      |        |         |         |        |       |  |  |         |
| 1G1221523E                                      | M    | 1.00 | 69282  |         |         | 69282  | 640   |  |  |         |
| WEST INDIAN BASIN UNIT                          |      |      |        |         |         |        |       |  |  |         |
| 1N1721523E                                      | N    | 1.00 | 74285  | 580138  | 345892- | 147446 | 640   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| TEXACO PRODUCING CO.                            |      |      |        |         |         |        |       |  |  |         |
| NEW MEXICO OF STATE CO                          |      |      |        |         |         |        |       |  |  |         |
| 1J3221523E                                      | N    | 1.00 | 85591  | 580138  | 56332-  | 147446 | 640   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| TXO PRODUCTION CORPORATION                      |      |      |        |         |         |        |       |  |  |         |
| HELBING FEDERAL                                 |      |      |        |         |         |        |       |  |  |         |
| 102222523E                                      | M    | .55  | 31107  |         |         | 31107  | 352   |  |  |         |
| *****                                           |      |      |        |         |         |        |       |  |  |         |
| UNION OIL COMPANY OF CALIFORNIA                 |      |      |        |         |         |        |       |  |  |         |
| 1G2821523E                                      | N    | 1.00 | 99680  |         |         | 147446 | 640   |  |  |         |
| FEDERAL 28                                      |      |      |        |         |         |        |       |  |  |         |
| 57662                                           |      |      |        |         |         |        |       |  |  |         |



| DESCRIPTION  | STAT  | AF     | SALES | CANCEL | Q/P | JUL | CURRENT | ACCT | AGRE- |
|--------------|-------|--------|-------|--------|-----|-----|---------|------|-------|
| INDIAN BASIN | MCROW | APPROX | EC    | GAS    |     | D   | F       |      |       |

|                   |       |       |      |
|-------------------|-------|-------|------|
| INDIAN HILLS UNIT | CCMA  | 1633  | 1633 |
| 601721325E        | 11.00 |       | 64   |
| SKELLY FIDEL      | CO*   | 381   | 32   |
| 11 62132E         | .50   |       |      |
| PIPELINE TOTAL    | 2.50  | 14031 | 1600 |

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*****
GAS CC. OF NEW MEXICO
-----
FLAG, REDER, GIL CC
MINI-GAS CO
K3121524E M 1.00
PIPELINE TOTAL 1.00
640
640

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\*\*\*\*\*  
MARATHON OIL COMPANY  
-----  
BHP PETROLEUM INC.  
C/O STALEVA CO.  
1362133E M 1.00

[illegible]

|                               |       |      |
|-------------------------------|-------|------|
| MARATHON AND GAS CO. OF N. M. | ***** |      |
| PENROCK CORPORATION           |       |      |
| INDUSTRIAL GAS CO.            |       |      |
| IC192152E                     |       | 0101 |
| IC192152E                     |       | 0101 |
| PIPELINE TOTAL                |       | 64   |

|                                   |      |        |       |
|-----------------------------------|------|--------|-------|
|                                   | 8181 |        | 660   |
| POOL TOTAL                        | 7.56 | 93890  |       |
|                                   |      | 144932 | 85750 |
| INCIN BASIN UPPER PENN. (PRC GAS) |      |        |       |
|                                   |      |        | 48468 |

[illegible]

|                       |        |        |      |
|-----------------------|--------|--------|------|
| SMITH FEDERAL GAS CO  | 14690  | 161596 | 64   |
| IF 1222523E N         |        |        |      |
| PIPELINE TOTAL        | 308886 | 48478E | 1920 |
| PIPELINE TOTAL        | 3.00   | 252944 |      |
| GAS CO. OF NEW MEXICO |        |        |      |

|                      |              |        |
|----------------------|--------------|--------|
| *****                |              |        |
| ROGFF, N. E. 01510   | UNIT GAS CCF | 6440   |
| WES 202021523E N     | 1.00         | 161596 |
| PIPELINE TOTAL       | 1.00         | 161596 |
| PARATHGA OIL COMPANY | 86136        | 6440   |
|                      | 82270        |        |

|                         |                |        |
|-------------------------|----------------|--------|
| AMOCO PRODUCTION CO     | *****          |        |
| FEDERAL                 |                |        |
| IF3521523E N 1.00 920*8 | 457717 387925- | 161556 |
| BHP PETROLEUM GAS INC   | *****          | 64     |
| CHOC STATE GAS CO       |                |        |

| IF STATE   | N | I.C0 | 105410 | 497717 | 211395- | 161596 | 64 |
|------------|---|------|--------|--------|---------|--------|----|
| 243621522E | N | 1.C0 | 105410 | 497717 | 211395- | 161596 | 64 |

| INDIAN BASIN | UPPER | PENN.-I | PRC   | GAS)   | PAR | CURTAL | SEP    | ACCE- |
|--------------|-------|---------|-------|--------|-----|--------|--------|-------|
| DESCRIPTION  | STAT  | AF      | JUL   | ART    | JUL | AFTER  | ALITEC | ACCE- |
|              | US    |         | SALES | CANCEL | C/U |        |        |       |

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|                   |       |        |        |         |        |
|-------------------|-------|--------|--------|---------|--------|
| ROBERT A. ROBERTS | CCM   | 600005 | *****  | 94558   | 57     |
| BUNNET FIELD      | 90    |        |        | 38      |        |
| 171825533E        | 60    | 45101  | 28372  |         |        |
| 21825533E         | UNIT  |        |        |         |        |
| 171825533E        | 45101 |        |        |         |        |
| WEST INDIAN BASIN | 1.00  | 50853  | 458280 | 45C465- | 161596 |
| 171825533E        |       |        |        |         | 64     |

|                           |       |         |
|---------------------------|-------|---------|
| HONDA OIL AND GAS COMPANY | ***** | 67      |
| SMITH FEDERAL             | ***** |         |
| IC 122523E M 1.05         |       |         |
| KAMER OPERATING CO, LTD   | ***** |         |
| MER SIGN GAS CO           |       |         |
| IA1212523E M .56 1052     |       | 1052 35 |

[illegible][illegible][illegible][illegible][illegible]

|                                |                |        |     |
|--------------------------------|----------------|--------|-----|
| TEXACO PRODUCING CO            | *****          | 43602  | 640 |
| NEW MEXICO STATE CORP          |                |        |     |
| 132221353E N 1.00 112515       | 497717 135743- | 161596 | 640 |
| TXO PRODUCTION CORPORATION     | *****          |        |     |
| HEILING FEDERAL                |                |        |     |
| 102222533E M .55 31647R 31515P |                | 31547  | 364 |

UNION OIL COMPANY OF CALIFORNIA  
FEDERAL 28 \*\*\*\*\*

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| JUNE                               | 1988  | SOUTHEAST GAS PRODUCTION SCHEDULE | D F       | PAGE 27 |
|------------------------------------|-------|-----------------------------------|-----------|---------|
| INDIAN BASIN MORROW (PRORATED GAS) |       |                                   |           |         |
| DESCRIPTION                        | STAT  | AF                                | APR       | ACRE-   |
| US                                 | SALES | LIM                               | O/U       | AGE     |
| 1M 921524E                         | M     | .50                               | 1213      | 320     |
| PIPELINE TOTAL                     | 2.50  | 18935                             |           | 1600    |
| GAS CO. OF NEW MEXICO              |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| FLAG REDEEM OIL CO                 |       |                                   |           |         |
| WINSTON GAS COM                    | 1.00  | 11456                             |           | 640     |
| 1K3121524E                         | M     | 11456                             |           |         |
| PIPELINE TOTAL                     | 1.00  | 11456                             |           | 640     |
| MARATHON OIL COMPANY               |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| BHP PETROLEUM, INC.                |       |                                   |           |         |
| LOWE STATE GAS COM                 | 1.00  |                                   |           | 640     |
| 1F3621523E                         | M     |                                   |           |         |
| *****                              |       |                                   |           |         |
| KERR-MCGEE CORPORATION             |       |                                   |           |         |
| MARTHA CREEK GAS COM               | 1.00  |                                   |           | 640     |
| 2H3021523E                         | N     | 187064                            | * 215571- | 688     |
| MARION CREEK GAS COM               | 1.08  | 60474                             |           |         |
| 2H3021524E                         | N     | 187064                            | * 215571- |         |
| PIPELINE TOTAL                     | 3.08  | 60474                             | 215571-   | 59265   |
| MARATHON AND GAS CO. OF N. M.      |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| PENROC OIL CORPORATION             |       |                                   |           |         |
| INDIAN FEDERAL GAS COM             | 1.00  | 6839                              |           | 640     |
| 1G1921524E                         | M     | 6839                              |           |         |
| PIPELINE TOTAL                     | 1.00  | 6839                              |           | 640     |
| POOL TOTAL                         | 7.58  | 97704                             | 215571-   | 96495   |
| INDIAN BASIN UPPER PENN. (PRO GAS) |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| AMOCO PRODUCTION CO                |       |                                   |           |         |
| *****                              |       |                                   |           |         |
| HOC FEDERAL GAS COM                |       |                                   |           |         |
| 1F1322523E                         | M     | 1.00                              |           | 640     |
| SMITH FEDERAL                      | N     | 1.00                              | 241702    | 63310   |
| 1F1122523E                         | N     | 1.00                              | 60868-    | 640     |
| SMITH FEDERAL GAS COM              | 1.00  | 453487                            | 60868-    | 63310   |
| 1F1222523E                         | N     | 1.00                              | 180834    | 126620  |
| PIPELINE TOTAL                     | 3.00  | 180834                            |           | 1920    |
| GAS CO. OF NEW MEXICO              |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| ROBERT N. ENFIELD                  |       |                                   |           |         |
| WEST INDIAN BASIN UNIT GAS COM     | 1.00  | 82964                             |           | 640     |
| 2G2021523E                         | N     | 1.00                              | 131624    | 63310   |
| PIPELINE TOTAL                     | 1.00  | 82964                             | 131624    | 640     |
| MARATHON OIL COMPANY               |       |                                   |           |         |
| -----                              |       |                                   |           |         |
| AMOCO PRODUCTION CO                |       |                                   |           |         |
| FEDERAL                            | 1.00  | 103975                            | 453487    | 63310   |
| 1F3521523E                         | N     | 1.00                              | 283883-   | 640     |
| *****                              |       |                                   |           |         |
| BHP PETROLEUM, INC.                |       |                                   |           |         |
| CONOCO STATE GAS COM               | 1.00  | 112431                            | 453487    | 63310   |
| 1F 222523E                         | N     | 1.00                              | 49981-    | 640     |
| LOWE STATE                         | 1.00  | 276768                            |           | 63310   |
| 2H3621523E                         | N     | 1.00                              |           | 640     |
| *****                              |       |                                   |           |         |
| CHEVRON U.S.A. INC                 |       |                                   |           |         |
| BOGLE FLATS UNIT                   |       |                                   |           |         |

| JUNE                              | 1988        | SOUTHEAST GAS PRODUCTION SCHEDULE | MAR | PAGE 28 |         |     |         |       |
|-----------------------------------|-------------|-----------------------------------|-----|---------|---------|-----|---------|-------|
| INDIAN BASIN UPPER PENN.(PRO GAS) | DESCRIPTION | STAT                              | AF  | APR     | O/P     | APR | JUN     | ACRE- |
| US                                | SALES       | LIM                               | O/U | AGE     |         |     |         |       |
| 2J 422523E N                      | 1.06        | 113027                            |     | 480696  | 24401-  |     | 67108   | 678   |
| 3K 922523E N                      | 1.00        | 100054                            |     | 453487  | 255847- |     | 63310   | 640   |
| 4F1022523E N                      | 1.00        | 75810                             |     | 453487  | 184833- |     | 63310   | 640   |
| 5F1622523E N                      | 1.00        | 114867                            |     | 453487  | 313512- |     | 63310   | 678   |
| 8G 522523E N                      | 1.06        | 100612                            |     | 480696  | 199516- |     | 63310   | 640   |
| 9G1722523E N                      | 1.00        | 53910                             |     | 108414  |         |     | 63310   | 640   |
| BOGLE FLATS UNIT A COM            | 1.00        | 109001                            |     | 453487  | 232877- |     | 63310   | 640   |
| BOGLE FLATS UNIT GAS COM          | 1.06        | 101017                            |     | 480696  | 302023- |     | 67108   | 678   |
| FEDERAL 33 GAS COM                | 1.00        | 90860                             |     | 453487  | 168245- |     | 63310   | 640   |
| HELIX 1322523E N                  | 1.00        | 112921                            |     | 49567   |         |     | 63310   | 640   |
| 1F1522523E N                      | 1.00        |                                   |     |         |         |     |         |       |
| ROBERT N. ENFIELD                 |             |                                   |     |         |         |     |         |       |
| BUNNEL FEDERAL GAS COM            | 1.00        | 38107                             |     | 56979   | 416734  |     | 576     |       |
| 2P1821523E N                      | .90         | 38107                             |     | 37986   | 37380   |     | 384     |       |
| WEST INDIAN BASIN UNIT            | 1.00        | 121878                            |     | 63310   | 640     |     | 640     |       |
| 1N1721523E N                      | 1.00        |                                   |     |         |         |     |         |       |
| MORNO OIL AND GAS COMPANY         |             |                                   |     |         |         |     |         |       |
| SMITH FEDERAL                     | 1.05        |                                   |     |         |         |     | 672     |       |
| 1G 122523E M                      | 1.05        |                                   |     |         |         |     |         |       |
| KANER OPERATING CO. LTD           |             |                                   |     |         |         |     |         |       |
| MERSON GAS COM                    | .56         | 14010                             |     | 14010   | 358     |     |         |       |
| 1A2122523E M                      |             |                                   |     |         |         |     |         |       |
| KERR-MCGEE CORPORATION            |             |                                   |     |         |         |     |         |       |
| MARTHA CREEK GAS COM              | 1.00        |                                   |     |         |         |     | 640     |       |
| 1J3021524E M                      | 1.00        |                                   |     |         |         |     |         |       |
| MARATHON OIL COMPANY              |             |                                   |     |         |         |     |         |       |
| FEDERAL IBA GAS COM               | 1.00        | 31112                             |     | 481667  | 31112   |     | 640     |       |
| 1K1521523E M                      | 1.00        | 81643                             |     | 453487  | 39606-  |     | 63310   | 640   |
| FEDERAL 18B GAS COM               | 1.00        | 93753                             |     | 453487  | 166459- |     | 63310   | 640   |
| 1F1422523E N                      | 1.00        | 7375                              |     | 284157  |         |     | 18093   | 192   |
| FEDERAL 18D GAS COM               | .30         | 639                               |     | 7375    |         |     | 7375    | 640   |
| INDIAN BASIN GAS COM              | 1.00        |                                   |     |         |         |     | 639     | 640   |
| 1J2221523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| INDIAN BASIN A                    | 1.00        |                                   |     |         |         |     |         |       |
| 1K1221523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| INDIAN BASIN B GAS COM            | 1.00        |                                   |     |         |         |     |         |       |
| 1K1421523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| INDIAN BASIN C                    | 1.00        | 94325                             |     | 453487  | 102288- |     | 63310   | 640   |
| 1F2621523E N                      | 1.00        | 89605                             |     | 453487  | 243763- |     | 63310   | 640   |
| INDIAN BASIN D                    | 1.00        | 82086                             |     | 453487  | 77590-  |     | 63310   | 640   |
| INDIAN BASIN E                    | 1.00        |                                   |     |         |         |     |         |       |
| 1K2721523E N                      | 1.00        |                                   |     |         |         |     |         |       |
| INDIAN BASIN F                    | 1.00        |                                   |     |         |         |     |         |       |
| INDIAN BASIN GAS COM              | 1.00        |                                   |     |         |         |     |         |       |
| 1K2521523E M                      | 1.00        | 163661                            |     | 63310   | 640     |     | 63310   | 640   |
| INDIAN HILLS UNIT GAS COM         | 1.00        | 57153                             |     | 57153   | 640     |     | 57153   | 640   |
| 3F2921524E N                      | 1.00        | 8507                              |     | 63310   | 640     |     | 8507    | 640   |
| NORTH INDIAN BASIN UNIT           | 1.00        | 30017                             |     | 30017   | 640     |     | 30017   | 640   |
| 1M1021523E M                      | 1.00        | 7510                              |     | 7510    | 640     |     | 7510    | 640   |
| 5J1621523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| 7K1121523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| 7K1121523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| NORTH INDIAN BASIN UNIT GAS COM   | 1.00        | 30017                             |     | 30017   | 640     |     | 30017   | 640   |
| 3K 321523E M                      | 1.00        | 7510                              |     | 7510    | 640     |     | 7510    | 640   |
| NORTH INDIAN BASIN UNIT GAS COM A | 1.00        |                                   |     |         |         |     |         |       |
| 6J 421523E M                      | 1.00        |                                   |     |         |         |     |         |       |
| SUN EXPLORATION & PRODUCTION CO.  |             |                                   |     |         |         |     |         |       |
| BRIGHT FEDERAL GAS COM            | 1.00        | 173596                            |     | 63310   | 640     |     | 63310   | 640   |
| 1G2121523E N                      | 1.00        |                                   |     |         |         |     |         |       |
| TEXACO PRODUCING CO.              |             |                                   |     |         |         |     |         |       |
| NEW MEXICO OF STATE COM           | 1.00        | 453487                            |     | 63310   | 640     |     | 63310   | 640   |
| 1J3221523E N                      | 1.00        | 17433-                            |     |         |         |     |         |       |
| TXO PRODUCTION CORPORATION        |             |                                   |     |         |         |     |         |       |
| HELBING FEDERAL                   | .55         | 24767                             |     | 34820   | 352     |     | 34820   | 352   |
| 102222523E N                      | 1.00        |                                   |     |         |         |     |         |       |
| UNION OIL COMPANY OF CALIFORNIA   | 1.00        | 102411                            |     | 63310   | 640     |     | 63310   | 640   |
| FEDERAL 29                        | 1.00        | 1835935                           |     | 1835935 | 25048   |     | 1835935 | 25048 |
| 1G2821523E N                      | 1.00        | 1407169-                          |     |         |         |     |         |       |
| PIPELINE TOTAL                    | 39.14       | 233983                            |     |         |         |     |         |       |

INDIAN BASIN MICROPROBATE (GAS)

DESCRIPTION STAT AF MAR AMT CANCEL U/P MAR CURTAIL MAY ACCE-  
US SALES CANCEL LIP E/U AFTER ALLCC AGE

INDIAN HILLS UNIT 1.00 208 640

7F1621524E M 1.00 208 640

INDIAN HILLS UNIT CCM A 114 640

6J1721524E M 1.00 114 640

SKELLY FEDERAL GAS CCM 3246 320

1H 521524E M .50 3246 320

PIPELINE TOTAL 2.50 3566 1600

GAS CO. OF NEW MEXICO

FLAG REDFERN OIL CC 13403 640

MINSTON GAS CCM 13403 640

1K3121524E M 1.00 13403 640

PIPELINE TOTAL 1.00 13403 640

MARATHON OIL COMPANY

BHP PETROLEUM, INC. 640

LOWE STATE GAS CCM 640

1F3621523E M 1.00 640

KERR-MCGEE CORPORATION 640

MARTHA CREEK GAS CCM 640

1J3021524E M 1.00 640

MARTHA CREEK GAS CCM 640

2H3021524E M 1.00 640

PIPELINE TOTAL 3.00 42221 15938

MARATHON AND GAS CO. OF N. M.

PENROC OIL CORPORATION 4924 640

INDIAN FEDERAL GAS CCM 4924 640

1G1521524E M 1.00 4924 640

PIPELINE TOTAL 1.00 4924 640

POCL TOTAL 7.58 64116 57023 4848

INDIAN BASIN UPPER PENN. (PRC GAS)

AMOCO PRODUCTION CC 640

AMOCO PRODUCTION CC 640

HOC FEDERAL GAS CCM 2247 640

1F1322523E M 1.00 2247 640

SMITH FEDERAL GAS CCM 54757C 640

1F1122523E M 1.00 174514 640

SMITH FEDERAL GAS CCM 6538 640

1F1222523E M 1.00 440205 127656- 640

PIPELINE TOTAL 3.00 54757C 47258 1520

GAS CO. OF NEW MEXICO

ROBERT A. ENFIELD 147800 640

WEST INDIAN BASIN UNIT GAS CCM 56646 640

2G2021523E M 1.00 56646 640

PIPELINE TOTAL 1.00 56646 640

INDIAN BASIN UPPER PENN. (PRC GAS)

DESCRIPTION STAT AF MAR AMT CANCEL U/P MAR CURTAIL MAY ACCE-  
US SALES CANCEL LIP E/U AFTER ALLCC AGE

LOWE STATE 209980 46994 640

2M3621523E M 1.00 209980 46994 640

CHEVRON U.S.A. INC. 640

BOULE FLATS UNIT 1.00 104212 46617 20269- 17831 49813 678

2J 422523E M 1.00 104212 46617 20269- 17831 49813 678

3K 422523E M 1.00 70684 440205 222281- 52426 46954 640

4L 1022523E M 1.00 74632 440205 172911- 52426 46954 640

5M 1022523E M 1.00 78151 440205 162939- 15954 46954 640

6N 1022523E M 1.00 81464 440205 162939- 15954 46954 640

BOG 1022523E M 1.00 81464 440205 162939- 15954 46954 640

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INDIAN BASIN UPPER PENN. (PRC GAS) DESCRIPTION STAT AF AUG PRC

902333333 N 1.00 77464 117651 678 329321- 64177- 117651 678

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