

**KELLAHIN AND KELLAHIN**

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN\*

\*NEW MEXICO BOARD OF LEGAL SPECIALIZATION  
RECOGNIZED SPECIALIST IN THE AREA OF  
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285  
TELEFAX (505) 982-2047

June 19, 1995

HAND DELIVERED

**RECEIVED**

JUN 19 1995

Oil Conservation Division

Mr. Michael E. Stogner  
Chief Hearing Examiner  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: San Juan 28-7 Unit  
Application of Conoco Inc.  
for Downhole Commingling,  
and Unorthodox Gas Well Locations,  
Rio Arriba County, New Mexico

*Case 11349*

Dear Mr. Stogner:

On behalf of Conoco Inc., please find enclosed our referenced application which we request be set for hearing on the next available Examiner's docket now scheduled for July 13, 1995.

Notices are being sent certified mail, hereby we are notifying all interested parties of their right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application and that failure to appear at the hearing may preclude them from any involvement in this case at a later date.

Oil Conservation Division

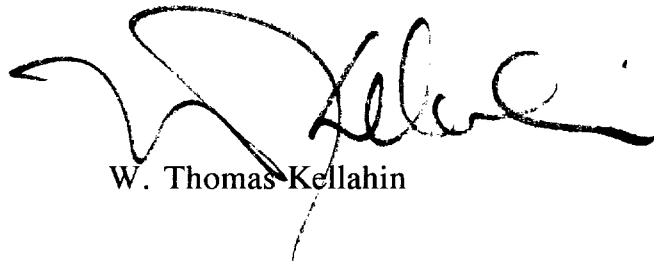
June 19, 1995

Page 2

Pursuant to the Division's Memorandum 2-90, all parties are hereby informed that if they appear in this case, then they are requested to file a Pre-Hearing Statement with the Division not later than 4:00 PM on Friday, July 7, 1995, with a copy delivered to the undersigned.

Also enclosed is our proposed advertisement of this case for the NMOCD docket.

Very truly yours,

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over a horizontal line.

W. Thomas Kellahin

cc: Conoco Inc.  
Attn: Jerry Hoover

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JUN 19 1995

Oil Conservation Division

PROPOSED ADVERTISEMENT

1134/9

Case \_\_\_\_\_: Application of Conoco Inc. for downhole commingling and unorthodox gas well locations, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks exceptions from Division General Rule 303(C) to establish on an area-wide basis authorization for downhole commingling of Dakota and Mesaverde gas production in the wellbores of existing or future wells drilled anywhere within the San Juan 28-7 Unit including the approval of 17 new wells to be drilled as downhole commingled Dakota-Mesaverde wells and the approval to convert 14 existing Dakota wells by downhole commingling Dakota and Mesaverde production within those wellbores. Said Unit is located in all of Township 28 Range 7 West and portions of Township 27 North, Range 7 West, Rio Arriba County, New Mexico, said production being portions of the Basin-Dakota Gas Pool and the Blanco-Mesaverde Gas Pool. In addition, Applicant seeks approval of two unorthodox well locations. The center of said area is located approximately 10 miles southeast from Navajo City, New Mexico.

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

**RECEIVED**

JUN 19 1995

Oil Conservation Division

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

APPLICATION OF CONOCO INC.  
FOR DOWNHOLE COMMINGLING  
RIO ARriba COUNTY, NEW MEXICO.

CASE: 11349

**APPLICATION**

Comes now CONOCO INC., by and through its attorneys, Kellahin and Kellahin, and applies to the New Mexico Oil Conservation Division for exceptions from Division General Rule 303(C) to establish on an area-wide basis authorization for downhole commingling of Dakota and Mesaverde gas production in the wellbores of existing and/or future wells drilled anywhere within the San Juan 28-7 Unit including the approval of 17 new wells to be drilled as downhole commingled Dakota-Mesaverde wells and the approval to convert 14 existing Dakota wells to downhole commingled Dakota and Mesaverde production within those wellbores. Said Unit is located in all of Township 28 Range 7 West and portions of Township 27 North, Range 7 West, Rio Arriba County, New Mexico, said production being portions of the Basin-Dakota Gas Pool and the Blanco-Mesaverde Gas Pool. In addition, Applicant seeks approval of two unorthodox well locations.

In support of its application, Conoco Inc. states:

(1) Conoco Inc. is the operator of the San Juan 28-7 Unit which currently contains approximately 110 Mesaverde wells (See Exhibit "A") and approximately 127 Basin Dakota Gas Pool wells (See Exhibit "B") all located within an area consisting of the following described acreage:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM  
Sections 7-36: All

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM  
Sections 1-12: all  
Section 15: W/2  
Sections 16-21: All  
Section 22: W/2  
Section 27: NW/4  
Section 28: N/2  
Sections 29-30: All

(2) In the absence of special circumstances, Division general state-wide Rule 303(C) requires that administrative applications for downhole commingling of gas production be submitted, processed and approved on a well by well basis.

(3) Sufficient data is now available from existing wells in the San Juan 28-7 Unit to support the Division approving on an "area-wide" basis the downhole commingling of Dakota and Mesaverde gas production within the Unit, including the approval of 17 new wells to be drilled as downhole commingled Dakota-Mesaverde wells and the approval to convert 14 existing Dakota wells by downhole commingling Dakota and Mesaverde production within those wellbores.

(4) In order to recover significant additional remaining Dakota and Mesaverde production from the Unit, Conoco Inc. intends to undertake an "infill" program which is more effectively and efficiently accomplished by downhole commingling all Dakota and Mesaverde production from any existing wells and any new wells.

(5) Conoco has proposed and staked the location of seventeen (17) new wells which it desires to drill initially as downhole commingled Mesaverde-Dakota wells. See Exhibit "C".

(6) Conoco also seeks approval of unorthodox well locations for the San Juan 28-7 Unit Well No. 125 and Well No. 157 which are required because of topographical restrictions. These wells and their locations are identified on Exhibit "C".

(7) Also, Conoco has initially identified fourteen (14) existing Dakota wells in the Unit which it desires to recomplete as downhole commingled production by adding the Mesaverde formation to those wellbores. See Exhibit "D".

(8) Finally, there exists the potential within the San Juan 28-7 Unit for an additional thirty (38) new wells which can be initially drilled as downhole commingled Mesaverde and Dakota wells. See Exhibit "E".

(9) Production from the Dakota pool is now either marginal or uneconomic from many existing wells within the Unit and the economic life of that production is extended if it is downhole commingled by adding the Mesaverde in those wellbores.

(10) The approval of downhole commingling of these formations in the Unit will extend the economic life of the existing wells and thereby increase ultimate recovery from these formations.

(11) In addition, any new wells to be drilled in the Unit should be approved for downhole commingling by compliance with a summary administrative procedure without further administrative applications being submitted to the OCD-Santa Fe and without further regulatory hearing.

(12) Conoco Inc. requests the adoption of a summary administrative procedure, without further notice and hearing, with the necessary exceptions to Division Rule 303(C) so that the Supervisor of the Aztec District Office of the Division shall approve the downhole commingling of said production on an area-wide basis for the Unit.

(13) Approval of downhole commingling on an area-wide basis for the San Juan 28-7 Unit, as described in paragraph (12) above, is in the best interests of conservation, the prevention of waste and the protection of correlative rights.

(14) Because the Participating Areas for the Mesaverde formation and for the Dakota formation are different, the ownership is not common among these two formations within the San Juan 28-7 Unit.

(15) Conoco also seeks an exception from Rule 303-C-(1)(b)(ii) and (vi) to allow for crossflow and a bottomhole pressure differential of more than 50 percent.

(16) In accordance with Division Rule 303-C-(1)(b), the Applicant states and will demonstrate at hearing:

1. The wells in the Unit which are currently single completions in the Dakota formation cannot be dually completed because of mechanical condition and therefore downhole commingling is necessary to economically produce in both formations.
2. Any new well to be drilled in the Unit for the Mesaverde formation or the Dakota formation will require downhole commingling with the other in order to maximize recoveries from either formations.
3. That there will be no significant crossflow between the two zones commingled.
4. That the value of the commingled production will not be less than the sum of the values of the individual production.
5. It is expected that the bottom hole pressure of the lower pressure zone is not less than 50 percent of the bottom hole pressure of the higher pressure zone adjusted to a common

datum when flowing, but in the event of a shut-in there will be a pressure differential greater than 50%.

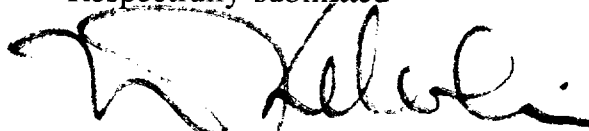
(17) Conoco Inc. will submit at the hearing, its proposed formula for the allocation of production to each of the commingled zones and/or a description of the factors or data to be used by the OCD-Aztec in determining such a formula.

(18) Applicant requests that this matter be docketed for hearing on the Division's Examiner docket now scheduled for July 13, 1995.

(19) Notice of this application has been sent to all interest owners in the San Juan 28-7 Unit entitled to share in production from the Mesaverde and/or Dakota formation and to offsetting operators/owners adjacent to the Unit who may be affected by downhole commingling and who are identified as set forth on Exhibit "F" attached.

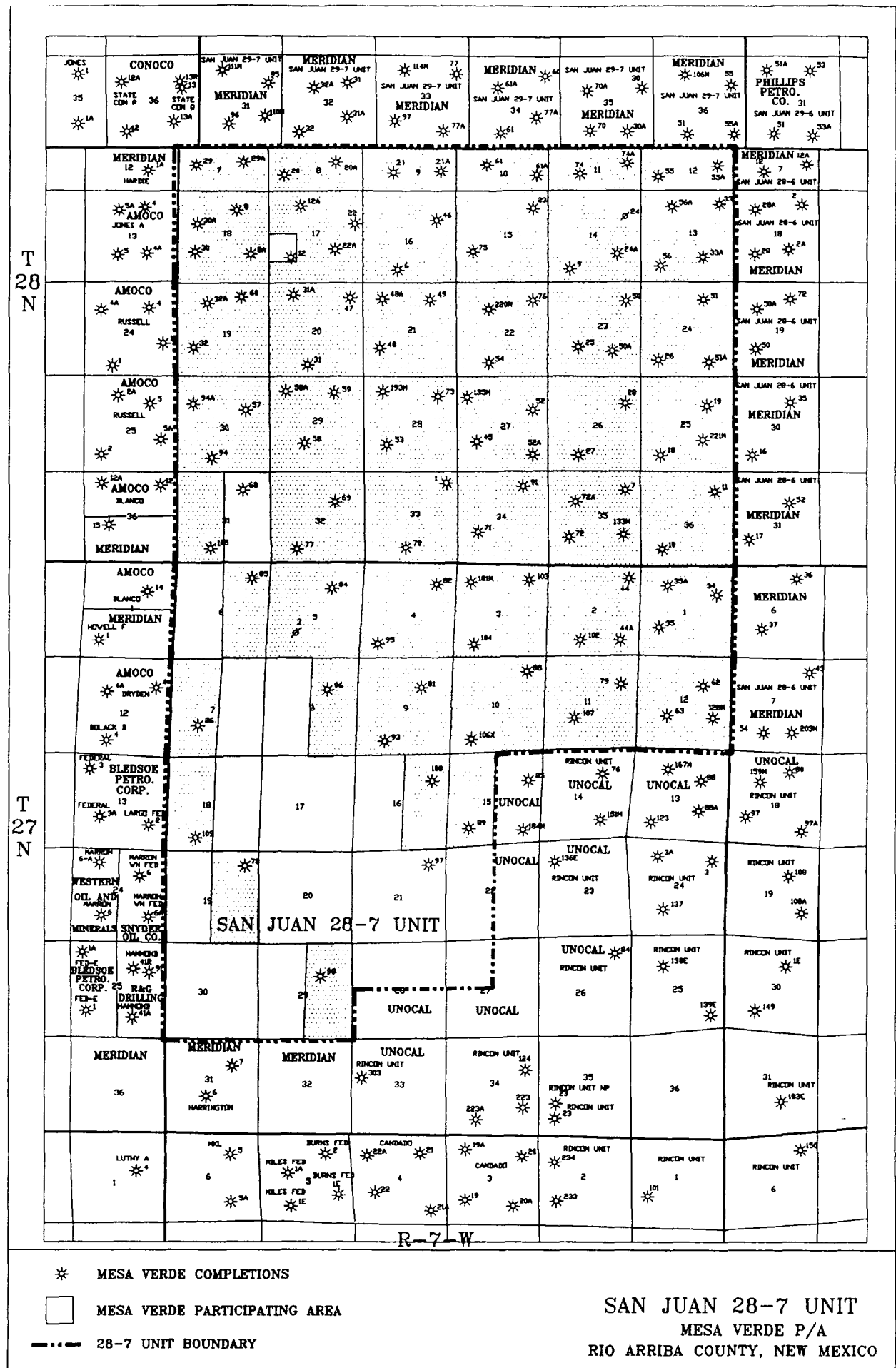
WHEREFORE Applicant requests that this matter be set for hearing on July 13, 1995 before a duly appointed Examiner of the Oil Conservation Division and that after notice and hearing as required by law, the Division enter its order granting this application.

Respectfully submitted

A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over a horizontal line.

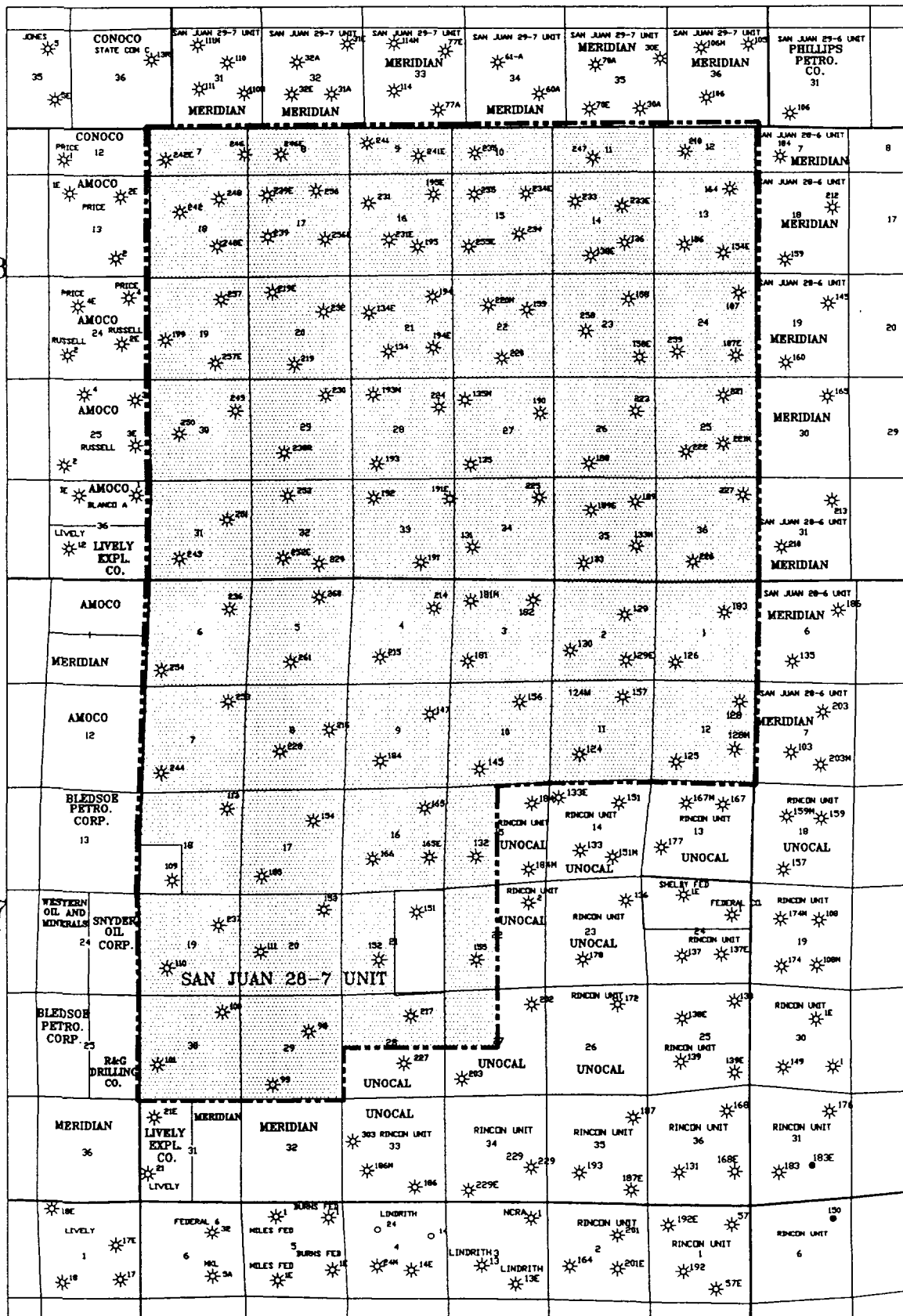
W. Thomas Kellahin  
KELLAHIN and KELLAHIN  
P. O. Box 2265  
Santa Fe, New Mexico 87501  
(505) 982-4285  
Attorneys for Applicant





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28  
N

T  
27  
N



R-7-W

- \* DAKOTA COMPLETIONS
- DAKOTA PARTICIPATING AREA
- 28-7 UNIT BOUNDARY



SAN JUAN 28-7 UNIT  
DAKOTA P/A  
RIO ARriba COUNTY, NEW MEXICO

# ATTACHMENT C

## SAN JUAN 28-7 UNIT

### STAKED LOCATIONS FOR PROPOSED MESAVERDE-DAKOTA DOWNHOLE COMMINGLED DRILLING WELLS

| <u>WELL NO.</u> | <u>Township 28 North, Range 7 West</u> |
|-----------------|----------------------------------------|
| 159M            | Sec. 22, Unit J, 1550' FSL & 1850' FEL |
| 258M            | Sec. 23, Unit E, 1523' FNL & 933' FWL  |
| 259M            | Sec. 24, Unit D, 790' FNL & 960' FWL   |
| 222M            | Sec. 25, Unit D, 916' FNL & 813' FWL   |
| 188M            | Sec. 26, Unit F, 1640' FNL & 1530' FWL |
| 223M            | Sec. 26, Unit P, 830' FSL & 930' FEL   |
| 230M            | Sec. 29, Unit P, 1190' FSL & 870' FEL  |
| 131M            | Sec. 34, Unit D, 1150' FNL & 1055' FWL |
| 225M            | Sec. 34, Unit P, 830' FSL & 930' FEL   |

|         | <u>Township 27 North, Range 7 West</u> |
|---------|----------------------------------------|
| 183M    | Sec. 1, Unit O, 870' FSL & 1480' FEL   |
| 130M    | Sec. 2, Unit D, 808' FNL & 1182' FWL   |
| 182M    | Sec. 3, Unit J, 1610' FSL & 1674' FEL  |
| 156M    | Sec. 10, Unit O, 1028' FSL & 1872' FEL |
| 124M    | Sec. 11, Unit C, 1170' FNL & 1842' FWL |
| 157M ** | Sec. 11, Unit P, 780' FSL & 703' FEL   |
| 125M ** | Sec. 12, Unit D, 580' FNL & 1140' FWL  |
| 132M    | Sec. 15, Unit E, 1488' FNL & 1100' FWL |

\*\* Wells with UNORTHODOX LOCATIONS due to topographical constraints.

# ATTACHMENT

## SAN JUAN 28-7 UNIT

### PROPOSED MESAVERDE RECOMPLETIONS IN CURRENT DAKOTA WELLS TO BE DOWNHOLE COMMINGLED

#### Township 28 North, Range 7 West

| <u>WELL NO.</u> | <u>SECTION</u> | <u>FOOTAGE LOCATION</u> |
|-----------------|----------------|-------------------------|
| 242E            | 7              | 900' FSL & 800' FWL     |
| 233             | 14             | 1460' FNL & 1000' FWL   |
| 255             | 15             | 1890' FNL & 1130' FWL   |
| 255E            | 15             | 1540' FSL & 800' FWL    |
| 234             | 15             | 2150' FWL & 1840' FEL   |
| 231             | 16             | 1495' FNL & 875' FWL    |
| 231E            | 16             | 1915' FSL & 1930' FWL   |
| 195             | 16             | 1550' FSL & 1840' FEL   |
| 239             | 17             | 2080' FSL & 950' FWL    |
| 257E            | 19             | 990' FSL & 1850' FEL    |
| 194E            | 21             | 1670' FSL & 1060' FEL   |
| 252             | 32             | 79' FNL & 1850' FWL     |
| 192             | 33             | 736' FNL & 990' FWL     |
| 191             | 33             | 890' FSL & 1780' FEL    |

EXHIBIT

D

# ATTACHMENT

## SAN JUAN 28-7 UNIT

### ADDITIONAL UNDRILLED MESAVERDE-DAKOTA QUARTER SECTIONS

#### Township 28 North, Range 7 West

| <u>SECTION</u> | <u>QUARTER-SECTION</u> | <u>SECTION</u> | <u>QUARTER-SECTION</u> |
|----------------|------------------------|----------------|------------------------|
| 20             | Southeast              | 31             | Northwest              |
| 28             | Southeast              | 31             | Southeast              |
| 30             | Southeast              | 36             | Northwest              |
|                |                        | 36             | Southeast              |

#### Township 27 North, Range 7 West

| <u>SECTION</u> | <u>QUARTER-SECTION</u> | <u>SECTION</u> | <u>QUARTER-SECTION</u> |
|----------------|------------------------|----------------|------------------------|
| 4              | Northwest              | 18             | Northwest              |
| 4              | Southeast              | 18             | Southeast              |
| 5              | Northwest              | 19             | Northwest              |
| 5              | Southeast              | 19             | Southeast              |
| 6              | Northwest              | 20             | Northwest              |
| 6              | Southeast              | 20             | Southeast              |
| 7              | Northwest              | 21             | Northwest              |
| 7              | Southeast              | 21             | Southeast              |
| 8              | Northwest              | 22             | Northwest              |
| 8              | Southeast              | 27             | Northwest              |
| 9              | Northwest              | 28             | Northwest              |
| 9              | Southeast              | 29             | Northwest              |
| 10             | Northwest              | 29             | Southeast              |
| 16             | Northwest              | 30             | Northwest              |
| 17             | Northwest              | 30             | Southeast              |
| 17             | Southeast              |                |                        |

EXHIBIT

E

**SAN JUAN 28-7 UNIT MAILING LIST**  
**OFFSET OPERATORS, ROYALTY INTEREST OWNERS,**  
**CARRIED WORKING INTEREST OWNERS, WORKING INTEREST OWNERS,**  
**AND OVERRIDING ROYALTY INTEREST OWNERS**

**OFFSET OPERATORS**

Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

Bledsoe Petroleum Corporation  
5850 Bank One Center  
1717 Main Street  
Dallas, TX 75201

El Paso Production Company  
% Meridian Oil Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Lively Exploration Company  
1300 Post Oak Blvd., Suite 1900  
Houston, TX 77056-3013

Meridian Oil Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Phillips Petroleum Company  
5525 Highway 64 NBU 3004  
Farmington, NM 87401

R & G Drilling Co.  
% M & G Drilling Company  
P.O. Box 9560  
Palm Springs, CA 92263

Snyder Oil Corporation  
1625 Broadway, Suite 2200  
Denver, CO 80202

Union Oil Company of California  
14141 Southwest Freeway  
Sugar Land, TX 77478

**ROYALTY INTEREST OWNERS**

Commissioner of Public Lands  
State of New Mexico  
P.O. Box 1148  
Santa Fe, NM 87504-1148

Nora I. Jacquez  
146 S. Kendall St.  
Lakewood, CO 80226-2235

Minerals Mgt. Service  
Onshore Federal #17555  
P.O. Box 5810  
Denver, CO 80217-5810

Gerald G. Williams & Alta Jane Williams,  
Trustees under Trust Agrmt. dated 9-12-91  
315 N. Clark Dr.  
Aztec, NM 87410-2015

**CARRIED WORKING INTEREST OWNERS**

Conoco A/C Atwell & Co.  
% United States Tr. Co. of NY  
Box 456, Wall St. Station  
New York, NY 10005

Conoco A/C Shirley Bernstein  
654 Madison Ave.  
New York, NY 10021-8404

Conoco A/C Kathleen B. Lipkins  
812 Park Ave., #4A  
New York, NY 10021-2759

Mesa Royalty Trust  
Texas Commerce Bank  
Attn: David Snyder  
P.O. Box 4717  
Houston, TX 77210-4717

**WORKING INTEREST OWNERS**

Mary Jeanne Simmons Banks  
2104 Winter Sunday Way  
Arlington, TX 76012-4941

Cindy Brady  
2222 Flat Creek  
Richardson, TX 75080-2332

El Paso Production Co.  
% Meridian Oil Inc.  
Attn: Land  
P.O. Box 4289  
Farmington, NM 87499-4289

Koch Exploration  
Attn: R. J. Miller  
P.O. Box 2256  
Wichita, KS 67201-2256

June Simmons Lively  
3529 Bellaire Drive North  
Fort Worth, TX 76109-2110

Kathleen McLane Trust  
P.O. Box 214430  
Dallas, TX 75221-4430

Michael S. McLane Trust  
P.O. Box 214430  
Dallas, TX 75221-4430

W. G. Peavy Oil Company  
P.O. Box 5667  
Richardson, TX 75083

D. J. Simmons Co. Ltd. Partnership  
P.O. Box 1469  
Farmington, NM 87499-1469

Helen Louise Simmons  
2429 Wabash  
Fort Worth, TX 76109-1018

Carolee Simmons Smith  
5717 Jacqueline Road  
Fort Worth, TX 76112-3952

Texaco Exploration & Production, Inc.  
Attn: Gary E. Cox  
P.O. Box 2100  
Denver, CO 80201

Dawn J. Turnbull  
5847 Lakehurst Avenue  
Dallas, TX 75230-5031

Derrick Turnbull  
5847 Lakehurst Avenue  
Dallas, TX 75230-5031

Elizabeth J. Turner-Calloway  
4801 Saint Johns Drive  
Dallas, TX 75205-3143

J. Glenn Turner, Jr.  
3131 Turtle Creek Blvd., Suite 1201  
Dallas, TX 75219-5441

John Lee Turner  
P.O. Box 797215  
Dallas, TX 75379-7215

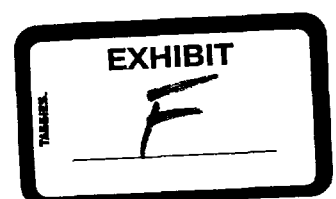
Mary F. Turner Trust N<sup>o</sup> 6743  
Texas Commerce Trust Co., NA  
P.O. Box 660197  
Dallas, TX 75226-0197

Univ. of Texas Law School Foundation  
Attn: M. Atlas  
727 East 26th Street  
Austin, TX 78705-3224

UNOCAL, Central U.S. Business Unit  
Attn: Carbett J. Duhon, Jr.  
P.O. Box 4551  
Houston, TX 77210-4551

Denise Turnbull Williams  
5847 Lakehurst Avenue  
Dallas, TX 75230-5031

The Wiser Oil Company  
8115 Preston Road, Suite 400  
Dallas, TX 75225-6311



**OVERRIDING ROYALTY INTEREST OWNERS**

|                                                                                                                                                            |                                                                                                                                                                             |                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Renee Abbott<br>3733 Avenida Palo Verde<br>Bonita, CA 91902-1007                                                                                       | Hazel Ashley Bracken<br>101 Westcott, #403<br>Houston, TX 77007-7030                                                                                                        | Sam Dazzo, Sr., Trustee for Samuel Lionel<br>Dazzo & and Frances Joy Dazzo U/TA<br>dated 5-17-83<br>901 Val Verde SE<br>Albuquerque, NM 87108-3471 |
| John B. Allinson, Jr.<br>P.O. Box 16<br>Knickerbocker, TX 76939-0016                                                                                       | Anita Briggs<br>712 Raleigh Rd.<br>Oxford, NC 27565-3740                                                                                                                    | Thelma Demott<br>RR 2, Box 36<br>Hopkins, MO 64461-9603                                                                                            |
| Amoco Production Company<br>P.O. Box 800<br>Denver, CO 80201                                                                                               | Herbert R. Briggs<br>% Sunwest Bank of Albuquerque, Agent<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900                                                                   | Lynn E. Desper<br>3405 Calle Cuervo NW, #821<br>Corrales, NM 87048-9229                                                                            |
| Lucille Anderson<br>Box 1<br>Clarinda, IA 51632-0001                                                                                                       | William C. Briggs<br>Sunwest Bank of Albuquerque<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900                                                                            | Barbara Reese Dinges<br>6510 Shadow Crest<br>Houston, TX 77074-6818                                                                                |
| Verneal Anderson<br>311 Columbus Ave. N, Apt. 206<br>New Prague, MN 56071-1747                                                                             | Betsy Henderson Bryant<br>2201 Brookhollow Drive<br>Abilene, TX 79605-5507                                                                                                  | Martha Dixon<br>311 W. Taggard St.<br>Burnet, TX 78611-1722                                                                                        |
| Jerry J. Andrew<br>408 Longwoods<br>Houston, TX 77024-5617                                                                                                 | Harriet M. Buchenau<br>P.O. Box 867585<br>Plano, TX 75086-7585                                                                                                              | James Duffin<br>P.O. Box 1352<br>Artesia, NM 88211-1352                                                                                            |
| W. R. Archer<br>U/W/O Eleanor M. Archer, Trustee<br>3615 Piping Rock Ln.<br>Houston, TX 77027-4116                                                         | James W. Childress<br>P.O. Box 209<br>Roswell, NM 88202-0209                                                                                                                | Thomas R. Duffin<br>1508 Adams<br>Carlsbad, NM 88220-4603                                                                                          |
| Virginia Ann Asher<br>RR 2, Box 80<br>Sheridan, MO 64486-9802                                                                                              | Shirley Childress<br>604 N. Delaware Ave., #2<br>Roswell, NM 88201-2135                                                                                                     | Robert N. Dumble, Jr.<br>P.O. Box 42177<br>Houston, TX 77242-2177                                                                                  |
| Atlantic Richfield Co.<br>% Vastar Resources, Inc.<br>15375 Memorial Drive<br>Houston, TX 77079                                                            | Carolyn Judith Combs<br>6114 E. Gilbert<br>Wichita, KS 67218-2822                                                                                                           | Mitzi H. Easley<br>5605 Shoaledge Crt<br>Austin, TX 78756-1024                                                                                     |
| Joyce K. Attebury<br>3202 Lipscomb<br>Amarillo, TX 79109                                                                                                   | William Warren Cooper<br>4040 San Felipe St., Suite 112<br>Houston, TX 77027-3940                                                                                           | Jane Taylor Ebersole<br>P.O. Box 918<br>Tehachapi, CA 93581-0918                                                                                   |
| Douglas E. Atwill<br>602 Canyon Rd.<br>Santa Fe, NM 87501-2722                                                                                             | Sally Covington<br>902 Riverside Dr.<br>Carlsbad, NM 88220-5250                                                                                                             | Bessie E. Evans<br>623 W. Torrance<br>Maryville, MO 64468-2514                                                                                     |
| Edward R. Atwill<br>P.O. Box 1551<br>Tubac, AZ 85646-1551                                                                                                  | John E. Creps Jr. & Virginia Creps,<br>Co-Trustees<br>Creps Family Trust dtd 12-5-91<br>4500 Hwy 92 E, #206<br>Lakeland, FL 33801-9592                                      | James L. Fashing Irrev. Tr.<br>David A. Rogers, Trustee<br>4855 N. Mesa, Suite 122<br>El Paso, TX 79912-5939                                       |
| James H. Atwill<br>P.O. Box 1810<br>Port Aransas, TX 78373-1810                                                                                            | Frank Cronican & Harriet Cronican Trust<br>Sunwest Bank of Albuquerque, Agent<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900                                               | R. H. Feuille<br>11th Floor<br>Texas Commerce Bank Building<br>El Paso, TX 79901                                                                   |
| Pamela Gray Baldwin<br>Texas Commerce Bank, NA<br>Agent & Attorney-in-Fact<br>Trust Minerals Section 32400-07<br>P.O. Box 200555<br>Houston, TX 77216-0555 | Mackie Reid & Co P A, A/C Frank A Cronican<br>Jr & Peter B Cronican Tr U/T F A Cronican &<br>H B Cronican Rev Tr 11-19-81<br>4001 Indian Sch Rd NE<br>Albuquerque, NM 87110 | Catherine M. Florance Trust<br>% Northern Trust Bank of Texas<br>Attn: Ms. Barbara Brunt<br>P.O. Box 226270<br>Dallas, TX 75222-6270               |
| R. E. Beamon, III<br>Three Riverway, Suite 470<br>Houston, TX 77056                                                                                        | Cross Timbers Oil Co.<br>P.O. Box 840287<br>Dallas, TX 75284-0287                                                                                                           | Douglas E. Florance Trust<br>% Northern Trust Bank of Texas<br>Attn: Ms. Barbara Brunt<br>P.O. Box 226270<br>Dallas, TX 75222-6270                 |
| John Nickson Beers<br>20579 Missionary Ridge<br>Walnut, CA 91789-3529                                                                                      | Davant Family Trust C<br>U/A dated 11-19-86<br>NationsBank of Texas, NA, Trustee<br>Acct. No. 30011053442647<br>P.O. Box 840738<br>Dallas, TX 75284-0738                    | Florence A. Florance Trust<br>% Northern Trust Bank of Texas<br>Attn: Ms. Barbara Brunt<br>P.O. Box 226270<br>Dallas, TX 75222-6270                |
| Marcia Berger<br>% Sunwest Bank of Albuquerque, Agent<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900                                                      | Jeremy S. Davis<br>7539 Brompton Blvd.<br>Houston, TX 77025-2267                                                                                                            | James J. Florance Trust<br>% Northern Trust Bank of Texas<br>Attn: Ms. Barbara Brunt<br>P.O. Box 226270<br>Dallas, TX 75222-6270                   |
| Theodore J. Blechar<br>138 La Canada Way<br>Santa Cruz, CA 95060-1031                                                                                      | Waters S. Davis, III<br>Texas Commerce Bank, NA, Agent & AIF<br>Trust Min Sec #32400-01<br>P.O. Box 200555<br>Houston, TX 77216-0555                                        |                                                                                                                                                    |
| Bolack Minerals Company<br>3901 Bloomfield Hwy.<br>Farmington, NM 87401-2831                                                                               |                                                                                                                                                                             |                                                                                                                                                    |

Maureen Florance Trust  
% Northern Trust Bank of Texas  
Attn: Ms. Barbara Brunt  
P.O. Box 226270  
Dallas, TX 75222-6270

Maurice J. Florance, Jr., Trust  
% Northern Trust Bank of Texas  
Attn: Ms. Barbara Brunt  
P.O. Box 226270  
Dallas, TX 75222-6270

Hazle L. Gentle  
1117 S. Michigan St.  
Roswell, NM 88201-4339

Kathlyn H. Gibson Estate  
George Ann Scharhag, Pers Rep  
P.O. Box 546  
Tesuque, NM 87574-0546

Richard Godfrey  
Revocable Trust  
P.O. Box 18661  
Oklahoma City, OK 73154-0661

Charles B. Gonsales  
P.O. Drawer 2509  
Santa Fe, NM 87504-2509

Emily D. Grambling  
916 Cherry Hill Lane  
El Paso, TX 79912-3327

John A. Grambling  
916 Cherry Hill  
El Paso, TX 79912-3327

David H. Gray  
Texas Commerce Bank, NA,  
Agent & Attorney-in-Fact  
Trust Minerals Section 32400-03  
P.O. Box 200555  
Houston, TX 77216-0555

John L. Gray  
Texas Commerce Bank, NA,  
Agent & Attorney-in-Fact  
Trust Minerals Section 32400-04  
P.O. Box 200555  
Houston, TX 77216-0555

Thyra Gregersen  
RR No. 2, Box 82  
Walnut, IA 51577-9424

A. R. Grover  
San Juan Royalty JV-90  
P.O. Box 3666  
Midland, TX 79702-3666

Grover Bros. Ltd. Ptnshp.  
San Juan Royalty JV-90  
P.O. Box 3666  
Midland, TX 79702-3666

Mabel Glenn Ham Rev Tr  
Kathlyn Nora Black, Trustee  
921 Grecian NW  
Albuquerque, NM 87107-5732

Hanson-McBride Petro Co.  
P.O. Box 1515  
Roswell, NM 88202-1515

Emilie M. Hardie Royalty Trust  
Emilie M. Hardie, Trustee  
1065 Los Jardines  
El Paso, TX 79912-1942

Mary Elizabeth Hardie Royalty Trust  
Thorton Hardie, III, Trustee  
1700 Pacific Ave., Suite 3300  
Dallas, TX 75201-4656

William B. Hardie, Sr. Royalty Trust  
Jane Hardie, Trustee  
1065 Los Jardines  
El Paso, TX 79912-1942

Nancy H. Harman  
6206 Deloache Ave.  
Dallas, TX 75225-2813

Patricia G. Harvey  
Box 328  
Cave Creek, AZ 85331-0328

Helen L. Hedrick  
P.O. Box 2185  
Santa Fe, NM 87504-2185

David Henderson  
9411 Winding Ridge Drive  
Dallas, TX 75238

Marguerite E. Hess  
1209 Hunters Glen Rd.  
San Angelo, TX 76904

Mozelle C. Hill  
1405 Kenilworth Road  
Oklahoma City, OK 73120-1412

Valetta S. Hill  
106 North Putnam Str  
Pueblo, CO 81005-1345

Anna Celia Howell Hilton  
3930 Port Royal  
Dallas, TX 75244-7256

Willadean Hirsch  
P.O. Box 3130  
Pueblo, CO 81005-0130

Ben R. Howard  
3807 Cypresswood Dr.  
Spring, TX 77388-5729

Mary Anne Howard & Robert Howard  
Joint Tenants  
438 Fox Briar  
Sugarland, TX 77478-3717

Ben R. Howell Trust  
Texas Commerce Bank, Trustee  
P.O. Box 722  
El Paso, TX 79944-0722

Howell Grandchildrens Trust Estate  
% Texas Commerce Bank, NA, Trustee  
P.O. Box 722  
El Paso, TX 79944-0722

Glen D. Hughes  
2321 Candelaria NW  
Albuquerque, NM 87107-3055

Elizabeth T. S. Hutchins  
#11309 Clovercrest Dr. SW  
Tacoma, WA 98499-1222

Mary Doll Ingram  
7600 Burgoyne, #153  
Houston, TX 77063-3103

Cyrene L. Inman  
Sunwest Bank of Albuquerque NA, Agent  
Attn: Catherine Rugen  
P.O. Box 26900  
Albuquerque, NM 87125-6900

Marcellene Giesken Jacks  
5231 Blue Ridge Blvd.  
Kansas City, MO 64133-3060

Madeline Howell Jastrzembski  
1106 Mesita  
El Paso, TX 79902-1913

Richard A. Jennings, Trustee  
P.O. Box 3759  
Midland, TX 79702-3759

W. L. Jennings  
San Juan Royalty JV-90  
P.O. Box 117  
Abilene, TX 79604-0117

Eula May Johnston Tr.  
% NCNB TX Ft. Worth  
Trust Oil & Gas Section  
P.O. Box 840738  
Dallas, TX 75284-0738

James J. Johnston  
11 Greenway Plaza, Ste 2608  
Houston, TX 77046-1105

V. A. Johnston Family Tr.  
Katherine Prewitt &  
Mary Frances Chessner, Trs.  
P.O. Box 925  
Ralls, TX 79357-0925

Harvey A. Jorgensen  
& Virginia Jorgensen  
5722 (C) S. National Ave.  
Springfield, MO 65810-2974

E. F. Kalb Estate  
Elva Kalb Dumas, Trustee  
5555 Del Monte Dr.  
Houston, TX 77056-4116

Margaret A. Kearns Trust  
James B. Draper, Trustee  
F/B/O James B. Draper  
77 S. Birch Rd., Apt. #8D  
Fort Lauderdale, FL 33316-1556

Margaret A. Kearns Trust  
U/A F/B/O Helene D. Gorman  
Helene D. Gorman, Trustee  
1440 Osprey Ave.  
Naples, FL 33962-3410

W. D. Kennedy  
550 W. Texas, Suite 1225  
Midland, TX 79701-4257

W. A. Kernaghan  
5650 Charlestown Dr.  
Dallas, TX 75230-1730

Terry H. Kessler  
216 N. Highland Rd.  
Springfield, PA 19064

William D. Lakey  
P.O. Box 186  
Sayre, OK 73662-0186

Richard H. Landsheft, Jr.  
2313 Jim Dent  
El Paso, TX 79936-2802

William B. Landsheft  
Route 6  
15880 S. Peoria  
Bixby, OK 74008-5221

Mildred Lane  
2907 Rae Dell  
Austin, TX 78704-5831

B. H. Langford  
% Eppler, Guerin & Turner  
6248 Los Altos  
El Paso, TX 79912-2510



Ben Howell Langford  
% Principal Financial Group  
201 E. Main Dr., Suite 900  
El Paso, TX 79901-1333

Richard Parker Langford  
1512 Jersey Dr.  
Austin, TX 78758-3645

Margaret Allinson Laycock  
1511 W. 31st St.  
Austin, TX 78703-1405

Alice S. Leck Trust  
Carlsbad Natl Bk Tst  
Box 1359  
Carlsbad, NM 88221-1359

James R. Leeton, Jr.  
P.O. Box 10561  
Midland, TX 79702-7561

The Colorado Springs National Bank  
Trust for Zelma W. Lets  
% United Bank of Colorado Springs Trust  
Dept.  
P.O. Box 400  
Colorado Springs, CO 80901-0400

Elizabeth H. Lund Royalty Trust  
Elizabeth H. Lund, Trustee  
6128 Sierra Valle Ln.  
El Paso, TX 79912-1934

Pattie Beamon Lundell  
1616 S. Voss Rd., #870  
Houston, TX 77057-2626

C. Fred Luthy, Jr.  
Sunwest Bank of Albuquerque, Agent  
Attn: Katherine Rugen  
P.O. Box 26900  
Albuquerque, NM 87125-6900

Fred Luthy, Jr.  
Sunwest Bank of Albuquerque, Agent  
Account #60166-00  
P.O. Box 26900  
Albuquerque, NM 87125-6900

McBride Production Trust  
Douglas L. McBride, Trustee  
P.O. Box 1515  
Roswell, NM 88202-1515

William Clay McCord, Jr.  
Trust #13647-02  
NationsBank, Co-Trustee  
P.O. Box 840738  
Dallas, TX 75284-0738

Mary McCulley  
441 Longleaf Dr.  
Shreveport, LA 71106-1221

Kathy Duffin McKnab  
P.O. Box 1108  
Parker, CO 80134-1108

Faye M. MacIntosh Trust  
Robert A. Macintosh, Trustee  
% Mrs. Esther Gazzoli  
607 N. Iowa  
Gunnison, CO 81230-2227

Harry A. MacIntosh 122600  
First Interstate Bank of Denver, NA  
Suc. Trustee – Attn: Trust Minerals 9N 0  
P.O. Box 5825  
Denver, CO 80217-5825

Helen P. Matthews  
200 Patterson Ave., No. 806  
San Antonio, TX 78209-6268

Cynthia Gray Milani  
Texas Commerce Bank, NA,  
Agent & Attorney-in-Fact  
Trust Minerals Section 32400-07  
P.O. Box 200555  
Houston, TX 77216-0555

Anne McCord Miller Trust #13647-01  
NationsBank, Co-Trustee  
P.O. Box 840738  
Dallas, TX 75284-0738

Sarah S. Mims Trust  
Williams L. Madison & Sara S. Mims,  
Co-Trst  
P.O. Box 111846  
Carrollton, TX 75011-1846

Michelle D. Minica Irrevocable Trust  
David A. Rogers, Trustee  
4855 N. Mesa, Suite 122  
El Paso, TX 79912-5939

L. J. & R. R. Money 1990 Tr  
dated 10-9-90  
Lloyd J. & Ruth Money Tst  
904 21st Street  
Hermosa Beach, CA 90254-3105

Kelley A. Murrell  
3512 Cornell  
Dallas, TX 75205-2817

Joseph Richard Nickson  
205 West 19th St.  
New York, NY 10011-4012

Martha J. Nickson  
P.O. Box 10352  
Midland, TX 79702-7352

Roger B. Nielsen  
% Sunwest Bank Albuquerque, NA, Agent  
P.O. Box 26900  
Albuquerque, NM 87125-6900

The Nordan Trust  
Louis Belinsky, Trustee  
112 E. Pecan, Suite 500  
San Antonio, TX 78205-1516

Pearl Neugent Nordan  
112 E. Pecan, Suite 500  
San Antonio, TX 78205-1516

Mabel Otstot & Company  
14050 E. Linvale Pl., Apt. 406  
Aurora, CO 80014-3735

Cecelia Otto Revoc. Trust  
Cecelia V. Otto, Trustee  
U/A dated 5-21-90  
TX St Bk Acct # 63-145-0  
2850 Colorado Ave.  
San Angelo, TX 76901-3613

Ethel Parnell  
503 W. Duarte Rd., #5  
Arcadia, CA 91007-7325

W. L. Peters  
Mary Peters McCulley, Attorney-in-Fact  
441 Longleaf Rd.  
Shreveport, LA 71106-1221

Peterson Family Trust  
Joseph L. Peterson, Trustee  
7450 Olivetas Ave WH  
La Jolla, CA 92037-4900

Jane Manning Pitkin  
503 W. Duarte Rd., No. 6  
Arcadia, CA 91007-7325

Leta M. Pool  
8720 E. Pckellips Rd., Space 256  
Scottsdale, AZ 85257-4838

Harry D. Porter  
NationsBank of Texas, NA, Trustee  
% Trust Oil & Gas #15-020-6401500  
P.O. Box 840738  
Dallas, TX 75284-0738

Harry D. Porter Revocable Trust  
U/A 12-23-82 – % Trust Oil & Gas  
NationsBank of Texas, NA, Trustee  
P.O. Box 840738  
Dallas, TX 75284-0738

Potenziani Family Partnership  
P.O. Box 36600  
Station D  
Albuquerque, NM 87176-6600

Cheryl L. Potenziani  
P.O. Box 36600  
Station D  
Albuquerque, NM 87176-6600

Lorene Raybourn Smith,  
Claud W. Raybourn & Jesse S. Raybourn,  
Co-Trustees  
207 Wilshire Ln.  
Newark, DE 19711-2757

David Elbert Reese  
2203 N. Belmont  
Richmond, TX 77469-5501

Elizabeth Goodwin Reese  
7800 Naim  
Houston, TX 77074-5321

Catherine Gray Remenick  
Texas Commerce Bank, NA,  
Agent & Attorney-in-Fact  
Trust Minerals Section 32400-07  
P.O. Box 200555  
Houston, TX 77216-0555

H. K. Riddle, II, Trust  
H. K. Riddle, Trustee  
P.O. Box 13326  
Albuquerque, NM 87192-3326

Hansel King Riddle Est.  
Donna Riddle & John Hager,  
Co-Personal Rep.  
P.O. Box 13326  
Albuquerque, NM 87192-3326

Violet & Edward Ripley  
Joint Tenants  
P.O. Box 5011  
Santa Fe, NM 87502-5011

Susan Henderson Ritter  
1415 25 St.  
Galveston, TX 77550-4543

David A. Rogers  
4855 N. Mesa, Suite 122  
El Paso, TX 79912-5939

Rogers-Gibbard Trust, Orville C. Rogers,  
Veva Gibbard, & Elaine Gibbard Howe,  
Trustees  
% Susan Rogers Eveland  
6804 La Costa Drive  
Tyler, TX 75703-9613

Joanne Thompson Rugeley  
3813 Tolmas  
Metairie, LA 70002-1846

|                                                                                                                                                 |                                                                                                                                                      |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| The Salvation Army<br>Del Valle Station<br>P.O. Box 15899<br>Los Angeles, CA 90015-0899                                                         | E. Hunter Stone, II, Trust<br>E. Hunter Stone, Trustee<br>P.O. Box 61419<br>Denver, CO 80206-8419                                                    | Rachel S. Vandewart<br>Box 162<br>Flying H, NM 88339-0162                                                                        |
| Harry O. Schmidt Trust<br>Colorado Natl Bnk Pueblo, Trustee<br>% Colorato Natl Bank of (CNDT 2311)<br>P.O. Box 17532<br>Denver, CO 80217-0532   | Emilie Swinney<br>2311 Hampstead<br>Wichita Falls, TX 76308-2039                                                                                     | Margaret Hardy Van Sant<br>P.O. Box 817<br>League City, TX 77574-0817                                                            |
| Harry F. Schram<br>P.O. Box 271243<br>Corpus Christi, TX 78427-1243                                                                             | David B. Talbot, III<br>1320 Lake St.<br>Fort Worth, TX 76102-4505                                                                                   | Mary E. Walker Life Estate<br>1617 South Columbia Road<br>West Columbia, TX 77486-3607                                           |
| Wilma C. Schreiner – Account # 42-2513-9<br>% Sunwest Bank of Albuquerque<br>P.O. Box 25500<br>Albuquerque, NM 87125-0500                       | Nan Taylor<br>P.O. Box 90959<br>Santa Barbara, CA 93190-0959                                                                                         | Rebecca Ann Reese Ward<br>2210 Custer Parkway<br>Richardson, TX 75080-2502                                                       |
| Carolyn Nielsen Sedberry<br>% Sunwest Bank Albuquerque NA, Agent<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900                                | Ray R. Taylor, III<br>P.O. Box 1324<br>Cortez, CO 81321-1324                                                                                         | Neal S. Waterfall<br>12020 SW Par 4 Dr.<br>King City, OR 97224-2512                                                              |
| Nancy Taylor Shivers<br>87 Silver Fox Dr.<br>Greenwood Village, CO 80121-2127                                                                   | Susan Taylor<br>263 University Drive<br>Menlo Park, CA 94025-5221                                                                                    | Gladys Watford Trust<br>Gladys Watford, Trustee<br>11 Greenway Plaza, Suite 2608<br>Houston, TX 77046-1105                       |
| Pearl W. Siegenthaler<br>P.O. Drawer Z<br>Artesia, NM 88211-7525                                                                                | Mary Gose Teesdale<br>4005 Fairway Dr.<br>Granbury, TX 76049-5302                                                                                    | Frances Holman Weaver<br>P.O. Box 2102<br>El Paso, TX 79951-2102                                                                 |
| Fannie Singleton<br>787 Graceland Ave.<br>Barberton, OH 44203                                                                                   | Enid Lillian Thompson Life Estate<br>POA: MWOOD Robert Thompson<br>316 Dahlia<br>Denver, CO 80220-5714                                               | Martha Peters Werlla<br>Peter Claude Jacobsen<br>Attorney-in-Fact<br>3724 Crestline Road<br>Fort Worth, TX 76107-3334            |
| Paul Slayton<br>P.O. Box 2035<br>Roswell, NM 88202-2035                                                                                         | G. E. Thompson<br>P.O. Box 111<br>Round Top, TX 78954-0111                                                                                           | Wesley West Mineral Corp.<br>P.O. Box 4383<br>Houston, TX 77210-4383                                                             |
| Bobby Dale Smith<br>P.O. Box 5145<br>Parris Island, SC 29905                                                                                    | Jane M. Thompson Trust<br>The Four Seasons, Apt. 407<br>333 Sunset Dr.<br>Fort Lauderdale, FL 33301-2647                                             | James Wendell West<br>P.O. Box 5591<br>Sherman Oaks, CA 91413-5591                                                               |
| Dale Stanley Smith<br>909 State St.<br>Bedford, IA 50833-1103                                                                                   | Jane Monroe Thompson, Individually<br>& Trustee, Llewellyn E. Thompson<br>333 Sunset Drive, Apt. 407<br>Fort Lauderdale, FL 33301-2647               | Elizabeth H. White Family Trust<br>Linda Payne, Trustee<br>P.O. Box 780099<br>Dallas, TX 75378-0099                              |
| George H. Smith<br>1211 Royal Dr.<br>Kaufman, TX 75142-3513                                                                                     | Mary Virginia Thompson<br>P.O. Box 8224<br>Santa Fe, NM 87504-8224                                                                                   | L. Doris Williams Estate<br>William P. Traylor & John G. Heard,<br>Co-Indpt Executors<br>P.O. Box 8306<br>Houston, TX 77288-8306 |
| Larry Smith<br>1150 Lotus Pl.<br>Boone, IA 50036-7162                                                                                           | Total Minatome Corp.<br>P.O. Box 201769<br>Houston, TX 77216-1769                                                                                    | Lynda Wilson<br>4011 Kingsbury Dr.<br>Wichita Falls, TX 76309-3640                                                               |
| Alberta Mae Smyser<br>RR 2, Box 98<br>Sheridan, MO 64486                                                                                        | Frank Troiani<br>12309 Kingsbrook<br>Oklahoma City, OK 73142-5114                                                                                    | Edward Winterer &<br>Jacqueline M. Winterer<br>Revocable Trust #1 dated 12-4-91<br>289 Oceanview Ave.<br>Del Mar, CA 92014-3321  |
| Mabelle H. Sowers Royalty Trust<br>Mabell Bramhall, Trustee<br>3012 Cochise Ct.<br>College Station, TX 77845-6529                               | F. L. Tucker<br>301 Sage Road, #3<br>Houston, TX 77056-1421                                                                                          | Winterwider Family Rev. Trust<br>Roy Fulwider & Joan Winterer, Trustees<br>600 N. 6th St.<br>Santa Paula, CA 93060-1605          |
| Ballard E. Spencer Trust, Inc. Trust<br>First National Bank Artesia, Trustee<br>Attn: Trust Department<br>P.O. Box AA<br>Artesia, NM 88211-7526 | Fred E. Turner<br>4925 Greenveille, #852<br>Dallas, TX 75206-4016                                                                                    | WWR Enterprises Inc.<br>% Sunwest Bank of Albuquerque, NA,<br>Agent<br>P.O. Box 26900<br>Albuquerque, NM 87125-6900              |
| Betty West Stedman<br>Attn: LB Dept.<br>P.O. Box 1349<br>Houston, TX 77251-1349                                                                 | James M. Vandewart<br>& Bobby B. Vandewart Trst<br>James M. Vendewart<br>& Bobby B. Vandewart, Trustees<br>2401 E 2nd Rt 3<br>Roswell, NM 88201-7389 |                                                                                                                                  |

# SAN JUAN 28-7 UNIT

## ROYALTY INTEREST OWNERS, CARRIED WORKING INTEREST OWNERS, WORKING INTEREST OWNERS AND OVERRIDING ROYALTY INTEREST OWNERS MESAVERDE AND DAKOTA INTERESTS

| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

| ROYALTY INTEREST OWNERS                           |    |           |           |
|---------------------------------------------------|----|-----------|-----------|
| Commissioner of Public Lands, State of New Mexico | RI | 0.0026274 | 0.0045923 |
| Nora I. Jacquez                                   | RI | 0.0007984 | 0.0007158 |
| Minerals Management Service                       | RI | 0.0886367 | 0.1033880 |
| Gerald G. Williams & Alta Jane Williams           | RI | 0.0007985 | 0.0007157 |

| CARRIED WORKING INTEREST OWNERS |     |           |           |
|---------------------------------|-----|-----------|-----------|
| Conoco A/C Atwell & Co.         | CWI | 0.0000011 | 0.0000018 |
| Conoco A/C Shirley Bernstein    | CWI | 0.0000010 | 0.0000017 |
| Conoco A/C Kathleen B. Lipkins  | CWI | 0.0000003 | 0.0000004 |
| Mesa Royalty Trust              | CWI | 0.0043345 | 0.0070311 |

| WORKING INTEREST OWNERS                   |    |           |           |
|-------------------------------------------|----|-----------|-----------|
| Mary Jeanne Simmons Banks                 | WI | 0.0019229 | 0.0009720 |
| Cindy Brady                               | WI | —         | 0.0002912 |
| Conoco Inc.                               | WI | 0.5021842 | 0.5094127 |
| El Paso Production Co.                    | WI | 0.2991184 | 0.2304503 |
| Koch Exploration                          | WI | —         | 0.0394606 |
| June Simmons Lively                       | WI | 0.0019229 | 0.0009720 |
| Kathleen McLane Trust                     | WI | —         | 0.0002912 |
| Michael S. McLane Trust                   | WI | —         | 0.0002911 |
| W. G. Peavy Oil Company                   | WI | 0.0010646 | 0.0008736 |
| D. J. Simmons Co. Ltd. Partnership        | WI | 0.0230745 | 0.0116634 |
| Helen Louise Simmons                      | WI | 0.0019228 | 0.0009720 |
| Carolee Simmons Smith                     | WI | 0.0019229 | 0.0009719 |
| Texaco Exploration & Production, Inc.     | WI | —         | 0.0056372 |
| Dawn J. Turnbull                          | WI | —         | 0.0002912 |
| Derrick Turnbull                          | WI | —         | 0.0002912 |
| Elizabeth J. Turner-Calloway              | WI | —         | 0.0003494 |
| J. Glenn Turner, Jr.                      | WI | —         | 0.0003494 |
| John Lee Turner                           | WI | —         | 0.0003494 |
| Mary F. Turner Trust No. 6743             | WI | —         | 0.0003494 |
| University of Texas Law School Foundation | WI | 0.0005323 | 0.0004368 |
| UNOCAL                                    | WI | 0.0111365 | 0.0091389 |
| Denise Turnbull Williams                  | WI | —         | 0.0002912 |
| The Wiser Oil Company                     | WI | 0.0047725 | 0.0034265 |

| OVERRIDING ROYALTY INTEREST OWNERS            |      |             |           |
|-----------------------------------------------|------|-------------|-----------|
| Joe Renee Abbott                              | ORRI | 0.0002129   | 0.0001747 |
| John B. Allinson, Jr.                         | ORRI | 0.0000320   | 0.0000197 |
| Amoco Production Co.                          | ORRI | **0.0002615 | 0.0010014 |
| Lucille Anderson                              | ORRI | —           | 0.0000450 |
| Verneal Anderson                              | ORRI | —           | 0.0000450 |
| Jerry J. Andrew                               | ORRI | 0.0000179   | 0.0000148 |
| W. R. Archer, U/W/O Eleanor M. Archer Trustee | ORRI | 0.0001057   | 0.0001000 |
| Virginia Ann Asher                            | ORRI | —           | 0.0000075 |
| Atlantic Richfield Co.                        | ORRI | **0.0005988 | 0.0004914 |

\*Legend: **WI** - Working Interest **CWI** - Carried Working Interest **RI** - Royalty Interest **ORRI** - Overriding Royalty Interest

\*\*Oil ORRI used; Gas ORRI unavailable.

| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

## ROYALTY INTEREST OWNERS

|                                                                                           |      |             |           |
|-------------------------------------------------------------------------------------------|------|-------------|-----------|
| Joyce K. Atttebury                                                                        | ORRI | —           | 0.0000150 |
| Douglas E. Atwill                                                                         | ORRI | 0.0000042   | 0.0000044 |
| Edward R. Atwill                                                                          | ORRI | 0.0000080   | 0.0000072 |
| James H. Atwill                                                                           | ORRI | 0.0000080   | 0.0000072 |
| Pamela Gray Baldwin                                                                       | ORRI | 0.0000049   | 0.0000045 |
| Mary Jean Simmons Banks                                                                   | ORRI | 0.0001986   | —         |
| R. E. Beamon, III                                                                         | ORRI | 0.0002132   | 0.0001838 |
| John Nickson Beers                                                                        | ORRI | 0.0003527   | 0.0002988 |
| Marcia Berger                                                                             | ORRI | **0.0000232 | —         |
| Theodore J. Blechar                                                                       | ORRI | 0.0000851   | 0.0001593 |
| Bolack Minerals Company                                                                   | ORRI | 0.0012787   | 0.0019675 |
| Hazel Ashley Bracken                                                                      | ORRI | 0.0000206   | 0.0000187 |
| Anita Briggs                                                                              | ORRI | 0.0000852   | 0.0001593 |
| Herbert R. Briggs                                                                         | ORRI | **0.0000232 | 0.0000887 |
| William C. Briggs                                                                         | ORRI | **0.0000232 | 0.0000887 |
| Betsy Henderson Bryant                                                                    | ORRI | 0.0000670   | 0.0000637 |
| Harriet M. Buchenau                                                                       | ORRI | 0.0000845   | 0.0000726 |
| James W. Childress                                                                        | ORRI | 0.0001455   | 0.0001270 |
| Shirley Childress                                                                         | ORRI | 0.0001455   | 0.0001271 |
| Carolyn Judith Combs                                                                      | ORRI | 0.0000325   | 0.0000010 |
| William Warren Cooper                                                                     | ORRI | 0.0000327   | 0.0000010 |
| Sally Covington                                                                           | ORRI | 0.0002248   | 0.0001955 |
| Creps Family Trust dated 12-5-91                                                          | ORRI | 0.0000745   | 0.0000708 |
| Frank Cronican & Harriet Cronican Trust                                                   | ORRI | —           | 0.0000994 |
| H. B. Cronican Revocable Trust 11-19-81                                                   | ORRI | **0.0000260 | —         |
| Cross Timbers Oil Co.                                                                     | ORRI | 0.0005110   | 0.0005871 |
| Davant Family Trust C U/A dated 11-19-86                                                  | ORRI | 0.0001854   | 0.0001766 |
| Jeremy S. Davis                                                                           | ORRI | 0.0000474   | 0.0000435 |
| Waters S. Davis, III                                                                      | ORRI | 0.0000478   | 0.0000427 |
| Sam Dazzo, Sr., Trustee for Samuel Lionel Dazzo and Frances Joy Dazzo U/T/A dated 5-18-83 | ORRI | 0.0026668   | 0.0128250 |
| Thelma Demott                                                                             | ORRI | —           | 0.0000450 |
| Lynn E. Desper                                                                            | ORRI | 0.0000485   | 0.0000423 |
| Barbara Reese Dinges                                                                      | ORRI | 0.0000052   | 0.0000046 |
| Martha Dixon                                                                              | ORRI | 0.0000851   | 0.0001595 |
| James Duffin                                                                              | ORRI | 0.0000450   | 0.0000392 |
| Thomas R. Duffin                                                                          | ORRI | 0.0000450   | 0.0000391 |
| Robert N. Dumble, Jr.                                                                     | ORRI | 0.0000084   | 0.0000070 |
| Mitzi H. Easley                                                                           | ORRI | 0.0000670   | 0.0000637 |
| Jane Taylor Ebersole                                                                      | ORRI | 0.0000387   | 0.0000572 |
| Bessie E. Evans                                                                           | ORRI | —           | 0.0000450 |
| James L. Fashing Irrevocable Trust                                                        | ORRI | 0.0000028   | 0.0000023 |
| R. H. Feuille                                                                             | ORRI | 0.0000192   | 0.0000181 |
| Catherine M. Florance Trust                                                               | ORRI | 0.0022297   | 0.0021174 |
| Douglas E. Florance Trust                                                                 | ORRI | 0.0022296   | 0.0021174 |
| Florence A. Florance Trust                                                                | ORRI | 0.0055739   | 0.0052933 |
| James J. Florance Trust                                                                   | ORRI | 0.0022294   | 0.0021174 |
| Maureen E. Florance Trust                                                                 | ORRI | 0.0022296   | 0.0021173 |
| Maurice J. Florance, Jr., Trust                                                           | ORRI | 0.0022295   | 0.0021173 |
| Hazle L. Gentle                                                                           | ORRI | 0.0000081   | 0.0000104 |
| Kathlyn H. Gibson Estate                                                                  | ORRI | 0.0003061   | 0.0002723 |
| Richard Godfrey                                                                           | ORRI | 0.0001277   | 0.0001468 |

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| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

| ROYALTY INTEREST OWNERS                                                         |      |             |           |
|---------------------------------------------------------------------------------|------|-------------|-----------|
| Charles B. Gonsales                                                             | ORRI | —           | 0.0000393 |
| Emily D. Grambling                                                              | ORRI | 0.0000384   | 0.0000364 |
| John A. Grambling                                                               | ORRI | 0.0000479   | 0.0000454 |
| David H. Gray                                                                   | ORRI | 0.0000192   | 0.0000175 |
| John L. Gray                                                                    | ORRI | 0.0000141   | 0.0000131 |
| Thyra Gregersen                                                                 | ORRI | —           | 0.0000075 |
| A. R. Grover, San Juan Royalty JV-90                                            | ORRI | 0.0000069   | —         |
| Arden R. Grover                                                                 | ORRI | —           | 0.0000065 |
| Grover Bros. Ltd. Ptnshp., San Juan Royalty JV-90                               | ORRI | 0.0000070   | 0.0000064 |
| Mabel Glenn Ham Revocable Trust                                                 | ORRI | 0.0003061   | 0.0002729 |
| Hanson-McBride Petro. Co.                                                       | ORRI | 0.0033158   | 0.0029918 |
| Emilie M. Hardie Royalty Trust                                                  | ORRI | 0.0000240   | 0.0000228 |
| Mary Elizabeth Hardie Royalty Trust                                             | ORRI | 0.0000239   | 0.0000226 |
| William B. Hardie, Sr. Royalty Trust                                            | ORRI | 0.0000383   | 0.0000363 |
| Nancy H. Harman                                                                 | ORRI | —           | 0.0003538 |
| Patricia G. Harvey                                                              | ORRI | 0.0000479   | 0.0000455 |
| Helen L. Hedrick                                                                | ORRI | 0.0004756   | 0.0004306 |
| David Henderson                                                                 | ORRI | 0.0000205   | 0.0000192 |
| Marguerite E. Hess                                                              | ORRI | —           | 0.0000150 |
| Mozelle C. Hill                                                                 | ORRI | 0.0001278   | 0.0001468 |
| Valetta S. Hill                                                                 | ORRI | 0.0001549   | 0.0001168 |
| Anna Celia Howell Hilton                                                        | ORRI | 0.0000095   | 0.0000089 |
| Willadean Hirsch                                                                | ORRI | —           | 0.0000944 |
| Ben R. Howard                                                                   | ORRI | —           | 0.0002767 |
| Mary Anne Howard & Robert Howard, Joint Tenants                                 | ORRI | 0.0000130   | 0.0000123 |
| Ben R. Howell Trust                                                             | ORRI | 0.0000479   | —         |
| Howell Grandchildren's Trust                                                    | ORRI | 0.0000096   | 0.0000090 |
| Howell Trust Estate                                                             | ORRI | —           | 0.0000455 |
| Glen D. Hughes                                                                  | ORRI | 0.0002294   | 0.0002041 |
| Elizabeth T. S. Hutchins                                                        | ORRI | 0.0002419   | 0.0002901 |
| Mary Doll Ingram                                                                | ORRI | 0.0000249   | 0.0000205 |
| Cyrene L. Inman                                                                 | ORRI | **0.0000458 | 0.0001751 |
| Marcellene Giesken Jacks                                                        | ORRI | —           | 0.0000450 |
| Madeline Howell Jastrzembksi                                                    | ORRI | 0.0000096   | 0.0000091 |
| Richard A. Jennings                                                             | ORRI | 0.0000012   | 0.0000011 |
| W. L. Jennings                                                                  | ORRI | 0.0000041   | 0.0000038 |
| Eula May Johnston Trust                                                         | ORRI | 0.0000718   | 0.0000587 |
| James J. Johnston                                                               | ORRI | 0.0000180   | 0.0000147 |
| V. A. Johnston Family Trust                                                     | ORRI | 0.0000178   | 0.0000147 |
| Harvey A. Jorgensen                                                             | ORRI | —           | 0.0000449 |
| E. F. Kalb Estate                                                               | ORRI | 0.0000279   | 0.0000228 |
| Margaret A. Kearns Trust, U/A F/B/O Helene D. Gorman, Helene D. Gorman, Trustee | ORRI | 0.0000759   | 0.0000724 |
| Margaret A. Kearns Trust, F/B/O James B. Draper, James B. Draper, Trustee       | ORRI | 0.0000759   | 0.0000724 |
| W. D. Kennedy                                                                   | ORRI | 0.0000138   | 0.0000134 |
| W. A. Kernaghan                                                                 | ORRI | 0.0001277   | 0.0001048 |
| Terry H. Kessler                                                                | ORRI | —           | 0.0000150 |
| William D. Lakey                                                                | ORRI | **0.0001597 | 0.0002621 |
| Richard H. Landsheft, Jr.                                                       | ORRI | 0.0000485   | 0.0000424 |
| William B. Landsheft                                                            | ORRI | 0.0000485   | 0.0000424 |
| Mildred Lane                                                                    | ORRI | 0.0002127   | 0.0001745 |
| B. H. Langford, % Eppler, Guerin & Turner                                       | ORRI | —           | 0.0000078 |

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| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

| ROYALTY INTEREST OWNERS                                                             |      |             |           |
|-------------------------------------------------------------------------------------|------|-------------|-----------|
| Ben Howell Langford, % Principal Financial Group                                    | ORRI | 0.0000096   | 0.0000011 |
| Richard Parker Langford                                                             | ORRI | 0.0000096   | 0.0000092 |
| Margaret Allinson Laycock                                                           | ORRI | 0.0000319   | 0.0000196 |
| Alice S. Leck Trust                                                                 | ORRI | 0.0002130   | 0.0001747 |
| James R. Leeton, Jr.                                                                | ORRI | 0.0000007   | 0.0000012 |
| Trust for Zelma W. Lets, the Colorado Springs Nat. Bank                             | ORRI | —           | 0.0000283 |
| June Simmons Lively                                                                 | ORRI | 0.0001985   | —         |
| Elizabeth H. Lund Royalty Trust                                                     | ORRI | 0.0000240   | 0.0000228 |
| Pattie Beamon Lundell                                                               | ORRI | 0.0001687   | 0.0001470 |
| C. Fred Luthy                                                                       | ORRI | —           | 0.0001751 |
| Fred Luthy, Jr.                                                                     | ORRI | **0.0000456 |           |
| McBride Production Trust                                                            | ORRI | 0.0000204   | 0.0000260 |
| William Clay McCord, Jr. Trust #13647-02                                            | ORRI | 0.0000067   | 0.0000099 |
| Mary McCulley                                                                       | ORRI | 0.0000320   | 0.0000456 |
| Kathy Duffin McKnab                                                                 | ORRI | 0.0000449   | 0.0000390 |
| Faye M. MacIntosh Trust                                                             | ORRI | —           | 0.0002241 |
| Harry A. MacIntosh 122600                                                           | ORRI | 0.0003097   | 0.0002335 |
| Helen P. Matthews                                                                   | ORRI | 0.0005110   | 0.0005870 |
| Cynthia Gray Milani                                                                 | ORRI | 0.0000047   | 0.0000045 |
| Ann McCord Miller Trust #13647-01                                                   | ORRI | 0.0000066   | 0.0000098 |
| Sarah S. Mims Trust                                                                 | ORRI | 0.0001804   | 0.0000725 |
| Michelle D. Minica Irrevocable Trust                                                | ORRI | 0.0000028   | 0.0000023 |
| L. J. & R. R. Money 1990 Trust dated 10-9-90                                        | ORRI | 0.0000134   | 0.0000131 |
| Kelley A. Murrell                                                                   | ORRI | 0.0000320   | 0.0000197 |
| Joseph Richard Nickson                                                              | ORRI | 0.0003528   | 0.0002988 |
| Martha J. Nickson                                                                   | ORRI | 0.0003527   | 0.0002989 |
| Roger B. Nielsen                                                                    | ORRI | **0.0000463 | 0.0001775 |
| The Nordan Trust                                                                    | ORRI | 0.0000906   | 0.0000829 |
| Pearl Neugent Nordan                                                                | ORRI | 0.0000906   | 0.0000830 |
| Mabel Otstot & Company                                                              | ORRI | 0.0005110   | 0.0004193 |
| Cecelia Otto Revocable Trust                                                        | ORRI | 0.0001799   | 0.0001477 |
| Cecelia V. Otto                                                                     | ORRI | —           | 0.0000087 |
| Ethel Parnell                                                                       | ORRI | 0.0002295   | 0.0002044 |
| W. L. Peters                                                                        | ORRI | 0.0000320   | 0.0000461 |
| Peterson Family Trust                                                               | ORRI | 0.0003098   | 0.0004576 |
| Jane Manning Pitkin                                                                 | ORRI | 0.0002292   | 0.0002045 |
| Leta M. Pool                                                                        | ORRI | 0.0004253   | 0.0003490 |
| Harry D. Porter                                                                     | ORRI | 0.0000650   | —         |
| Harry D. Porter Revocable Trust U/A 12-23-82                                        | ORRI | —           | 0.0000596 |
| Potenziani Family                                                                   | ORRI | **0.0000016 | 0.0000059 |
| Cheryl L. Potenziani                                                                | ORRI | **0.0000442 | 0.0001693 |
| Raybourn, Lorene Raybourn Smith, Claud W. Raybourn & Jesse S. Raybourn, Co-Trustees | ORRI | 0.0000663   | 0.0000627 |
| David Elbert Reese                                                                  | ORRI | 0.0000050   | 0.0000053 |
| Elizabeth Goodwin Reese                                                             | ORRI | 0.0000049   | 0.0000051 |
| Catharine Gray Remenick                                                             | ORRI | 0.0000048   | 0.0000043 |
| H. K. Riddle, II Trust                                                              | ORRI | —           | 0.0006299 |
| Hansel King Riddle Estate                                                           | ORRI | 0.0002555   | 0.0002097 |
| Violet & Edward Ripley, Joint Tenants                                               | ORRI | 0.0002129   | 0.0001747 |
| Susan Henderson Ritter                                                              | ORRI | 0.0000668   | 0.0000638 |
| David A. Rogers                                                                     | ORRI | 0.0000015   | 0.0000012 |
| Rogers-Gibbard Trust                                                                | ORRI | 0.0000178   | 0.0000146 |

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| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

## ROYALTY INTEREST OWNERS

|                                                                    |      |             |           |
|--------------------------------------------------------------------|------|-------------|-----------|
| Joanne Thompson Rugeley                                            | ORRI | 0.0000745   | 0.0000709 |
| The Salvation Army                                                 | ORRI | 0.0003630   | 0.0005365 |
| Harry O. Schmidt Trust                                             | ORRI | 0.0001548   | 0.0001168 |
| Harry F. Schram                                                    | ORRI | 0.0000203   | 0.0000259 |
| Wilma C. Schreiner                                                 | ORRI | —           | 0.0002242 |
| Carolyn Nielsen Sedberry                                           | ORRI | **0.0000463 | 0.0001774 |
| Nancy Taylor Shivers                                               | ORRI | 0.0001548   | 0.0002288 |
| Pearl W. Siegenthaler                                              | ORRI | 0.0000046   | 0.0000038 |
| D. J. Simmons Company                                              | ORRI | 0.0023828   | —         |
| Helen Louise Simmons                                               | ORRI | 0.0001986   | —         |
| Fannie Singleton                                                   | ORRI | —           | 0.0000087 |
| Paul Slayton                                                       | ORRI | 0.0017093   | 0.0015612 |
| Bobby Dale Smith                                                   | ORRI | —           | 0.0000075 |
| Carolee Simmons Smith                                              | ORRI | 0.0001986   | —         |
| Dale Stanley Smith                                                 | ORRI | —           | 0.0000075 |
| George H. Smith                                                    | ORRI | —           | 0.0002686 |
| Larry Smith                                                        | ORRI | —           | 0.0000075 |
| Alberta Mae Smyser                                                 | ORRI | —           | 0.0000075 |
| Mabelle H. Sowers Royalty Trust                                    | ORRI | 0.0000239   | 0.0000228 |
| Ballard E. Spencer Trust, Inc. Trust                               | ORRI | 0.0005643   | 0.0004804 |
| Betty West Stedman                                                 | ORRI | 0.0003443   | 0.0003267 |
| E. Hunter Stone, II Trust                                          | ORRI | 0.0000239   | 0.0000228 |
| Emilie Swinney                                                     | ORRI | 0.0000086   | 0.0000205 |
| David B. Talbot, III                                               | ORRI | **0.0001597 | 0.0002621 |
| Nan Taylor                                                         | ORRI | 0.0000387   | 0.0000573 |
| Ray R. Taylor, III                                                 | ORRI | 0.0000387   | 0.0000572 |
| Susan Taylor                                                       | ORRI | 0.0000388   | 0.0000572 |
| TC/UST-MISC, % Texas Commerce Bank                                 | ORRI | 0.0001201   | 0.0000985 |
| Mary Gose Teesdale                                                 | ORRI | 0.0000511   | 0.0001227 |
| Enid Lillian Thompson                                              | ORRI | 0.0000298   | 0.0000281 |
| G. E. Thompson                                                     | ORRI | 0.0000264   | 0.0000249 |
| Jane M. Thompson Trust                                             | ORRI | 0.0000298   | 0.0000218 |
| Jane Monroe Thompson, Individually & Trustee Llewellyn E. Thompson | ORRI | —           | 0.0000058 |
| Mary Virginia Thompson                                             | ORRI | —           | 0.0001057 |
| Total Minatome Corp.                                               | ORRI | 0.0003481   | 0.0013329 |
| Fran Troiani                                                       | ORRI | 0.0000086   | 0.0000205 |
| F. L. Tucker                                                       | ORRI | 0.0000264   | 0.0000247 |
| Fred E. Turner                                                     | ORRI | 0.0000523   | 0.0000497 |
| J. Glenn Turner, Jr.                                               | ORRI | 0.0000522   | 0.0000498 |
| John L. Turner                                                     | ORRI | 0.0000523   | 0.0000498 |
| Elizabeth Turner-Calloway                                          | ORRI | 0.0000521   | 0.0000492 |
| Union Oil Company of California                                    | ORRI | 0.0089586   | 0.0086910 |
| James M. Vandewart & Bobby B. Vandewart Trust                      | ORRI | 0.0001799   | 0.0001565 |
| Rachel S. Vandewart                                                | ORRI | 0.0001800   | 0.0001565 |
| Margaret Hardy Van Sant                                            | ORRI | 0.0000265   | 0.0000249 |
| Mary E. Walker Life Estate                                         | ORRI | 0.0000320   | 0.0000456 |
| Rebecca Ann Reese Ward                                             | ORRI | 0.0000052   | 0.0000045 |
| Neal S. Waterfall                                                  | ORRI | 0.0000239   | 0.0000229 |
| Gladys Watford Trust                                               | ORRI | 0.0001379   | 0.0001273 |
| Frances Holman Weaver                                              | ORRI | 0.0000070   | 0.0000058 |
| Martha Peters Werlla                                               | ORRI | 0.0000320   | 0.0000454 |

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| Interest Owner | Interest Type* | Mesaverde | Dakota |
|----------------|----------------|-----------|--------|
|----------------|----------------|-----------|--------|

| ROYALTY INTEREST OWNERS                                     |      |             |           |
|-------------------------------------------------------------|------|-------------|-----------|
| Wesley West Mineral Corp.                                   | ORRI | 0.0002120   | 0.0002013 |
| James Wendell West                                          | ORRI | 0.0003974   | 0.0003769 |
| Elizabeth H. White Family Trust                             | ORRI | 0.0003061   | 0.0002722 |
| L. Doris Williams Estate                                    | ORRI | 0.0001090   | 0.0001012 |
| Lynda Wilson                                                | ORRI | 0.0000085   | 0.0000205 |
| Edward Winterer & Jacqueline M. Winterer Revocable Trust #1 | ORRI | 0.0000120   | 0.0001004 |
| Winterwider Family Revocable Trust                          | ORRI | 0.0000120   | 0.0000115 |
| WWR Enterprises Inc.                                        | ORRI | **0.0000231 | 0.0000888 |

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