

|             |                  |             |              |          |
|-------------|------------------|-------------|--------------|----------|
| DATE 8/4/98 | SUSPENSE 8/24/98 | ENGINEER DC | LOGGED BY RN | TYPE DHC |
|-------------|------------------|-------------|--------------|----------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2040 South Pacheco, Santa Fe, NM 87505



2085

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

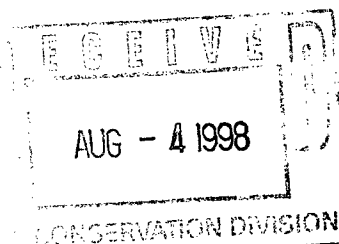
Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR



#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Certification

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

Signature

Title

Date

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

## DISTRICT II

811 South First St., Artesia, NM 88210-2835

## DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429Form C-107-A  
New 3-12-96

## APPROVAL PROCESS :

☒ Administrative ☐ Hearing

## EXISTING WELLBORE

☒ YES ☐ NO

## APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY  
OperatorPO Box 4289, Farmington, NM 87499  
Address

San Juan 27-4 Unit

13

G, Sec. 20, T27N, R04W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7452 API NO. 30-039-06992 Federal ☒ , State , (and/or) Fee

| The following facts are submitted in support of downhole commingling:                                                                                                                         | Upper Zone                                                                 | Intermediate Zone | Lower Zone                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------|-------------------------------------------------|
| 1. Pool Name and Pool Code                                                                                                                                                                    | Tapacito Pictured Cliffs-85920                                             |                   | Blanco Mesa Verde-72319                         |
| 2. Top and Bottom of Pay Section (Perforations)                                                                                                                                               | 3636' - 3664'                                                              |                   | 5406' - 5934'                                   |
| 3. Type of production (Oil or Gas)                                                                                                                                                            | Gas                                                                        |                   | Gas                                             |
| 4. Method of Production (Flowing or Artificial Lift)                                                                                                                                          | Flowing                                                                    |                   | Flowing                                         |
| 5. Bottomhole Pressure<br>Oil Zones - Artificial Lift:<br>Estimated Current<br>Gas & Oil - Flowing:<br>Measured Current<br>All Gas Zones:<br>Estimated or Measured Original                   | (Current)<br>a. 579 psia @ 3650'<br><br>(Original)<br>b. 1012 psia @ 3650' | a.<br><br>b.      | a. 641 psia @ 5670'<br><br>b. 1319 psia @ 5670' |
| 6. Oil Gravity (°API) or Gas BTU Content                                                                                                                                                      | 1163 Btu                                                                   |                   | 1176 Btu                                        |
| 7. Producing or Shut-In?                                                                                                                                                                      | Shut-In                                                                    |                   | Shut-In                                         |
| Production Marginal? (yes or no)                                                                                                                                                              | Yes                                                                        |                   | Yes                                             |
| * If Shut-In and oil/gas/water rates of last production<br><br>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data | Date: 9/94<br>Rates: 3 MCFD, 0 BOD, 0 BWD                                  | Date:<br>Rates:   | Date: 11/94<br>Rates: 2 MCFD, 0 BOD, 0 BWD      |
| * If Producing, give data and oil/gas/water of recent test (within 60 days)                                                                                                                   | Date:<br>Rates:                                                            | Date:<br>Rates:   | Date:<br>Rates:                                 |
| 8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)                                                                                                          | Oil: Will supply after commingling<br>Gas:                                 | Oil: Gas:         | Oil: Will supply after commingling<br>Gas:      |

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☐ Yes ☒ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No  
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). \_\_\_\_\_

## 16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Kevin L. Midkiff TITLE Operations Engineer DATE 07-17-98TYPE OR PRINT NAME Kevin L. Midkiff TELEPHONE NO. ( 505 ) 326-9700

## Location and Acreage Dedication Plat

Section A.

Date JUNE 20, 1957

Operator EL PASO NATURAL GAS COMPANY Lease SAN JUAN 27-4 UNIT SF 080669  
 Well No. 13(PM) Unit Letter Q Section 20 Township 27-N Range 4-W NMPM  
 Located 1800 Feet From NORTH Line, 1500 Feet From EAST Line  
 County RIO ARRIBA G.L. Elevation 6749 Dedicated Acreage 320 & 160 Acres  
 Name of Producing Formation MESA VERDE & PICTURED CLIFF Pool BLANCO MV, WINGET PC

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? Separate  
 Yes X No \_\_\_\_\_
2. If the answer to question one is "no", have the interests of all the owners been consolidated by commun-  
 itization agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_ If answer is "yes," Type of Consol-  
 idation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below

Owner

Land Description

Section B

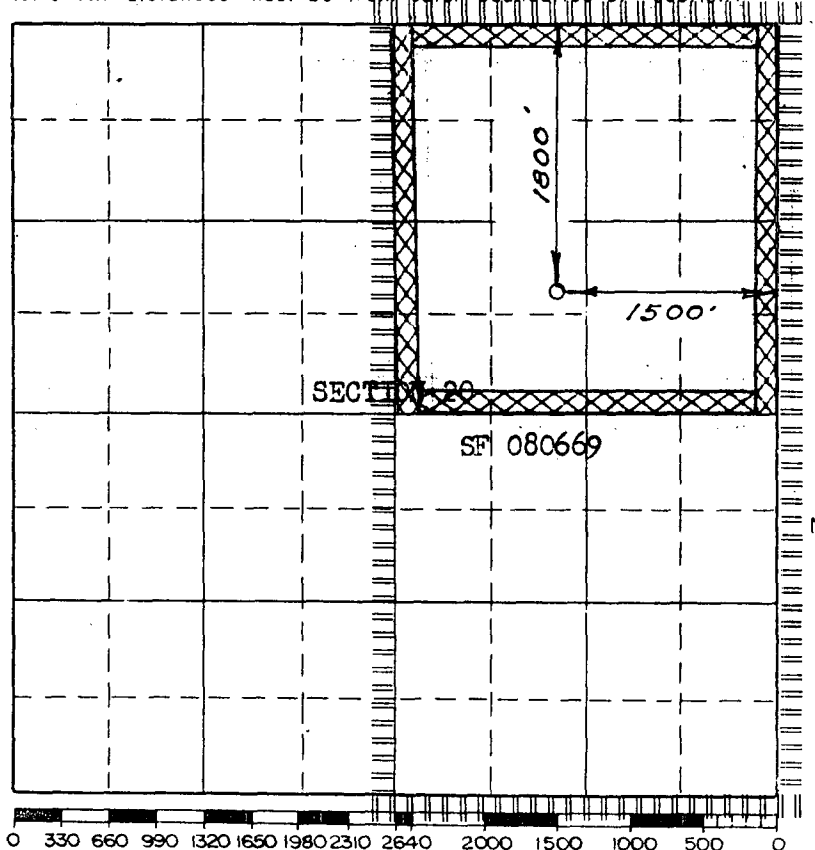
This is to certify that the information  
 in Section A above is true and com-  
 plete to the best of my knowledge  
 and belief.

~~El Paso Natural Gas Company~~  
 (Operator)  
 Original Signed D. C. Johnston  
 (Representative)

Box 997  
 Address  
Farmington, New Mexico

**NOTE: THIS PLAT IS RE-ISSUED TO  
 SHOW DUAL COMPLETION AND  
 PICTURED CLIFF DEDICATION.**  
 7 9 58

Note: All distances must be from outer boundaries of section.

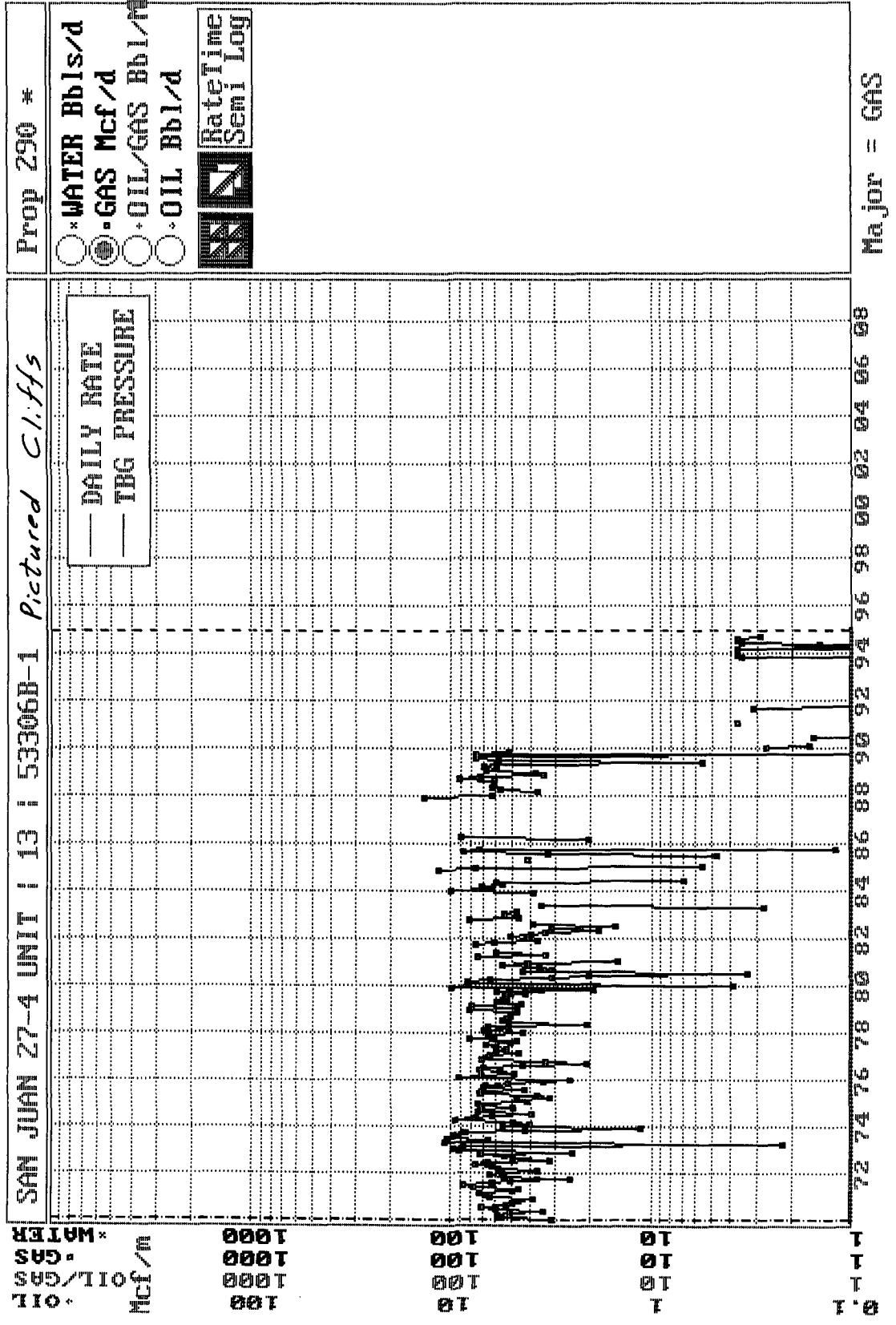


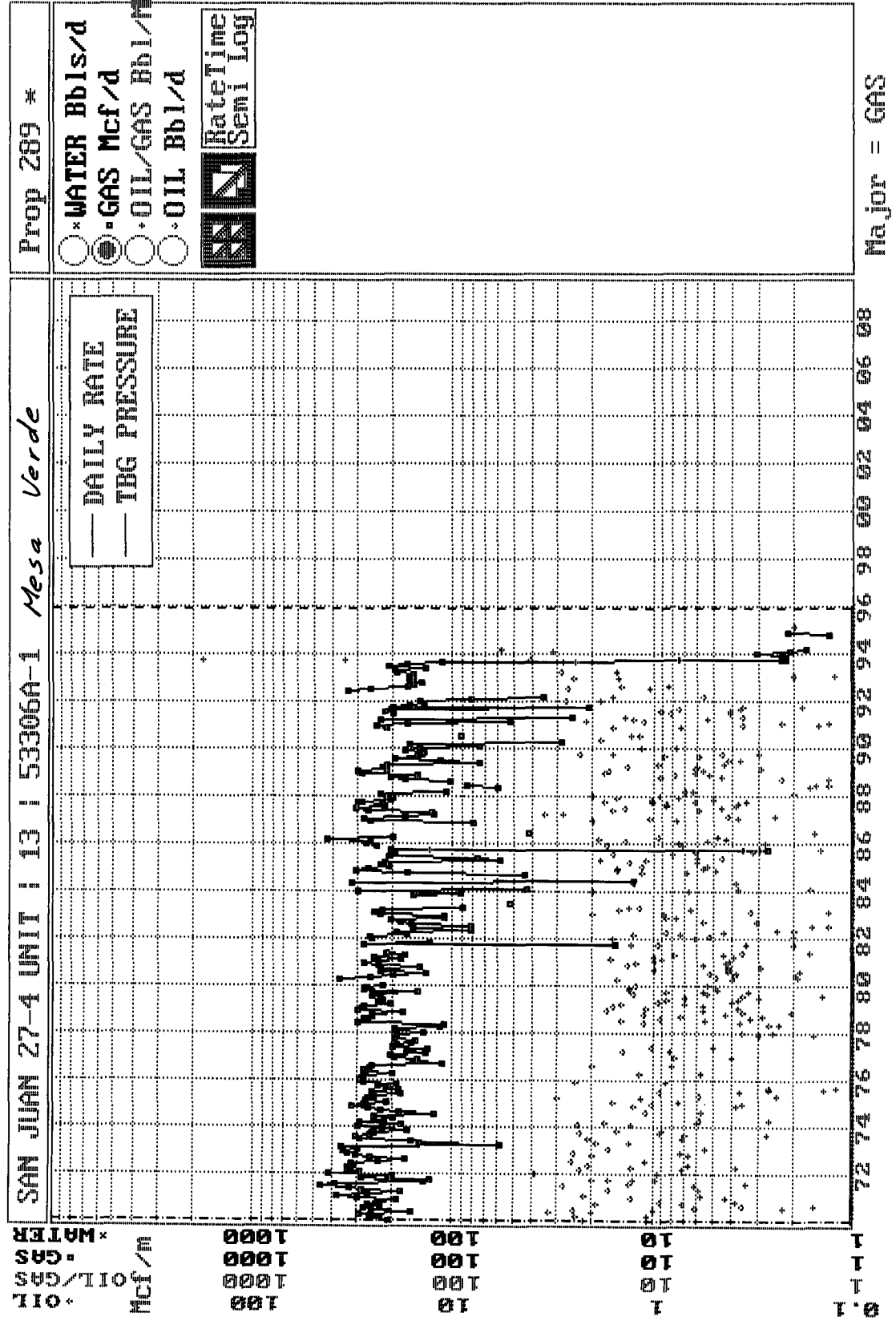
This is to certify that the above plat was prepared from field notes of actual surveys  
 made by me or under my supervision and that the same are true and correct to the  
 best of my knowledge and belief.

(Seal)

Farmington, New Mexico

Date Surveyed MAY 29, 1957
E. O. Walker  
 Registered Professional Engineer and/or Land Surveyor





Page No.: 1  
 Print Time: Wed Jun 24 09:43:48 1998  
 Property ID: 289  
 Property Name: SAN JUAN 27-4 UNIT | 13 | 53306A-1  
 Table Name: S:\ARIES\KLMWORK\TEST.DBF

MESA VERDE

| --DATE-- | ---CUM GAS-- | M SIWHP |
|----------|--------------|---------|
|          | Mcf          | Psi     |

|          |   |        |                         |
|----------|---|--------|-------------------------|
| 12/12/57 | 0 | 1107.0 | <i>Initial Pressure</i> |
|----------|---|--------|-------------------------|

|          |   |        |  |
|----------|---|--------|--|
| 04/28/58 | 0 | 1106.0 |  |
|----------|---|--------|--|

|          |       |       |  |
|----------|-------|-------|--|
| 09/14/58 | 79000 | 778.0 |  |
|----------|-------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 09/22/59 | 165000 | 757.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 03/06/60 | 205000 | 860.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/28/61 | 364000 | 780.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 08/06/62 | 468000 | 763.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 07/16/63 | 544000 | 753.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 10/22/64 | 697000 | 726.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/10/65 | 757000 | 702.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 04/19/66 | 866000 | 699.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/16/67 | 979000 | 666.0 |  |
|----------|--------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 05/02/68 | 1079000 | 551.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 05/29/69 | 1179955 | 653.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 08/28/70 | 1286435 | 642.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 04/08/71 | 1350452 | 625.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 08/09/72 | 1489331 | 552.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 08/20/73 | 1585416 | 572.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 08/01/74 | 1666184 | 636.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 07/21/76 | 1841241 | 543.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 01/08/78 | 1936877 | 639.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 11/08/78 | 2002675 | 639.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 06/23/80 | 2132824 | 614.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 11/01/82 | 2273341 | 671.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 06/05/84 | 2330979 | 689.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 04/21/86 | 2446430 | 544.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 09/18/89 | 2640427 | 530.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 03/18/91 | 2697549 | 441.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 09/11/91 | 2718092 | 453.0 |  |
|----------|---------|-------|--|

|          |         |       |  |
|----------|---------|-------|--|
| 05/03/93 | 2809916 | 550.0 |  |
|----------|---------|-------|--|

|          |         |     |  |
|----------|---------|-----|--|
| 05/01/98 | 2825436 | 541 |  |
|----------|---------|-----|--|

*Based on Pressure vs. Cumulative Gas Plot*

Page No.: 1

Print Time: Wed Jun 24 09:44:04 1998

Property ID: 290

Property Name: SAN JUAN 27-4 UNIT | 13 | 53306B-1

Table Name: S:\ARIES\KLMWORK\TEST.DBF

*Pictured Cliffs*

| --DATE-- | ---CUM GAS-- | M SIWHP |
|----------|--------------|---------|
|          | Mcf          | Psi     |

|          |   |       |                         |
|----------|---|-------|-------------------------|
| 12/12/57 | 0 | 901.0 | <i>Initial Pressure</i> |
|----------|---|-------|-------------------------|

|          |   |       |  |
|----------|---|-------|--|
| 02/03/58 | 0 | 900.0 |  |
|----------|---|-------|--|

|          |       |       |  |
|----------|-------|-------|--|
| 09/14/58 | 13000 | 833.0 |  |
|----------|-------|-------|--|

|          |       |       |  |
|----------|-------|-------|--|
| 09/22/59 | 43000 | 725.0 |  |
|----------|-------|-------|--|

|          |       |       |  |
|----------|-------|-------|--|
| 03/06/60 | 57000 | 790.0 |  |
|----------|-------|-------|--|

|          |       |       |  |
|----------|-------|-------|--|
| 09/13/61 | 99000 | 710.0 |  |
|----------|-------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 08/06/62 | 118000 | 699.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 04/19/63 | 129000 | 731.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 10/22/64 | 160000 | 709.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 10/25/65 | 180000 | 631.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 04/19/66 | 191000 | 637.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/16/67 | 213000 | 633.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/02/68 | 230000 | 622.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/29/69 | 250000 | 640.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 08/28/70 | 274057 | 609.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 04/08/71 | 287370 | 581.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 08/09/72 | 314781 | 558.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 08/20/73 | 342518 | 459.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 11/16/73 | 349000 | 459.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 00/11/74 | 349351 | 485.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 00/11/74 | 349351 | 485.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 10/11/74 | 368144 | 485.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 07/21/76 | 404949 | 470.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 05/10/78 | 441806 | 478.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 06/23/80 | 483022 | 400.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 11/01/82 | 512561 | 525.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 06/05/84 | 530333 | 531.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 04/21/86 | 547093 | 553.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 09/08/89 | 583303 | 522.0 |  |
|----------|--------|-------|--|

|          |        |       |  |
|----------|--------|-------|--|
| 09/11/91 | 587621 | 409.0 |  |
|----------|--------|-------|--|

|          |        |     |                                                  |
|----------|--------|-----|--------------------------------------------------|
| 05/01/98 | 588383 | 514 | <i>Based on Pressure vs. Cumulative Gas Plot</i> |
|----------|--------|-----|--------------------------------------------------|

**San Juan 27-4 Unit No. 13**  
**Bottom Hole Pressures**  
**Flowing and Static BHP**  
**Cullender and Smith Method**  
Version 1.0 3/13/94

| <b>Mesa Verde</b>              |        | <b>Pictured Cliffs</b>         |        |
|--------------------------------|--------|--------------------------------|--------|
| <u><b>MV - Current</b></u>     |        | <u><b>PC-Current</b></u>       |        |
| GAS GRAVITY                    | 0.6898 | GAS GRAVITY                    | 0.6808 |
| COND. OR MISC. (C/M)           | M      | COND. OR MISC. (C/M)           | M      |
| %N2                            | 0.95   | %N2                            | 0.93   |
| %CO2                           | 0.13   | %CO2                           | 0.96   |
| %H2S                           | 0      | %H2S                           | 0      |
| DIAMETER (IN)                  | 4.95   | DIAMETER (IN)                  | 6.97   |
| DEPTH (FT)                     | 5670   | DEPTH (FT)                     | 3650   |
| SURFACE TEMPERATURE (DEG F)    | 60     | SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 128    | BOTTOMHOLE TEMPERATURE (DEG F) | 104    |
| FLOWRATE (MCFPD)               | 0      | FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 553    | SURFACE PRESSURE (PSIA)        | 526    |
| BOTTOMHOLE PRESSURE (PSIA)     | 640.8  | BOTTOMHOLE PRESSURE (PSIA)     | 578.5  |
| <u><b>MV - Original</b></u>    |        | <u><b>PC-Original</b></u>      |        |
| GAS GRAVITY                    | 0.6898 | GAS GRAVITY                    | 0.6808 |
| COND. OR MISC. (C/M)           | M      | COND. OR MISC. (C/M)           | M      |
| %N2                            | 0.95   | %N2                            | 0.93   |
| %CO2                           | 0.13   | %CO2                           | 0.96   |
| %H2S                           | 0      | %H2S                           | 0      |
| DIAMETER (IN)                  | 4.95   | DIAMETER (IN)                  | 6.97   |
| DEPTH (FT)                     | 5670   | DEPTH (FT)                     | 3650   |
| SURFACE TEMPERATURE (DEG F)    | 60     | SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 128    | BOTTOMHOLE TEMPERATURE (DEG F) | 104    |
| FLOWRATE (MCFPD)               | 0      | FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 1119   | SURFACE PRESSURE (PSIA)        | 913    |
| BOTTOMHOLE PRESSURE (PSIA)     | 1319.2 | BOTTOMHOLE PRESSURE (PSIA)     | 1011.5 |



FARMINGTON 1994 MONTHLY PRODUCTION FOR 53306A  
 SAN JUAN 27-4 UNIT 13  
 BLANCO MESAVERDE (PRORATED GAS FIELD) MESAVERDE ZONE

PHS030M1

| DAYS |   |   | OIL |    |      | GAS |    |      |    |      |        |       |      |   |
|------|---|---|-----|----|------|-----|----|------|----|------|--------|-------|------|---|
| MO   | T | S | ON  | PC | PROD | GRV | PC | PROD | ON | BTU  | PRESS  | WATER | PROD | C |
| 1    | 2 |   | 31  | 02 |      |     | 01 | 92   | 31 | 1169 | 15.025 |       |      | 0 |
| 2    | 2 |   | 28  | 02 | 2    |     | 01 | 63   | 28 | 1184 | 15.025 |       |      | 0 |
| 3    | 2 | F | 24  | 02 | 3    |     | 01 | 52   | 24 | 1184 | 15.025 |       |      | 0 |
| 4    | 2 |   |     | 02 |      |     | 01 |      |    | 1184 | 15.025 |       |      | 0 |
| 5    | 2 |   |     | 02 |      |     | 01 |      |    | 1184 | 15.025 |       |      | 0 |
| 6    | 2 |   |     | 02 |      |     | 01 |      |    | 1184 | 15.025 |       |      | 0 |
| 7    | 2 |   |     | 02 |      |     | 01 |      |    | 1184 | 15.025 |       |      | 0 |
| 8    | 2 | S |     | 02 |      |     | 01 |      |    | 1184 | 15.025 |       |      | 0 |
| 9    | 2 | S |     | 02 |      |     | 01 |      |    |      | 15.025 |       |      |   |
| 10   | 2 | F | 18  | 02 |      |     | 01 | 40   | 18 |      | 15.025 |       |      |   |
| 11   | 2 | S | 30  | 02 |      |     | 01 | 65   | 30 |      | 15.025 |       |      |   |
| 12   | 2 | S |     | 02 |      |     | 01 |      |    |      | 15.025 |       |      |   |

PF6 - RETURNS TO ANNUAL DISPLAY

PF3 - TRANSFER TO UPDATE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 02/04/95

FARMINGTON 1994 MONTHLY PRODUCTION FOR 53306B /  
 SAN JUAN 27-4 UNIT 13  
 TAPACITO P.C. (PRO GAS) FIELD

PHS030M1

PICTURED CLIFFS ZONE

| DAYS ===== |   |   | OIL ===== |    | ===== |     | GAS ===== |      |    |      |        |            |   |
|------------|---|---|-----------|----|-------|-----|-----------|------|----|------|--------|------------|---|
| MO         | T | S | ON        | PC | PROD  | GRV | PC        | PROD | ON | BTU  | PRESS  | WATER PROD | C |
| 1          | 2 |   |           |    |       |     | 01        |      | 1  | 1197 | 15.025 |            | 0 |
| 2          | 2 |   |           |    |       |     | 01        | 22   | 6  | 1197 | 15.025 |            | 0 |
| 3          | 2 | F |           |    |       |     | 01        | 114  | 31 | 1197 | 15.025 |            | 0 |
| 4          | 2 |   |           |    |       |     | 01        | 26   | 8  | 1197 | 15.025 |            | 0 |
| 5          | 2 |   |           |    |       |     | 01        | 44   | 12 | 1197 | 15.025 |            | 0 |
| 6          | 2 |   |           |    |       |     | 01        | 110  | 30 | 1197 | 15.025 |            | 0 |
| 7          | 2 |   |           |    |       |     | 01        | 114  | 31 | 1197 | 15.025 |            | 0 |
| 8          | 2 | F |           |    |       |     | 01        | 114  | 31 | 1197 | 15.025 |            | 0 |
| 9          | 2 | S |           |    |       |     | 01        | 89   | 25 |      | 15.025 |            |   |
| 10         | 2 | S |           |    |       |     | 01        |      |    |      | 15.025 |            |   |
| 11         | 2 | S |           |    |       |     | 01        |      |    |      | 15.025 |            |   |
| 12         | 2 | S |           |    |       |     | 01        |      |    |      | 15.025 |            |   |

PF6 - RETURNS TO ANNUAL DISPLAY

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PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0

PRS 02/04/95

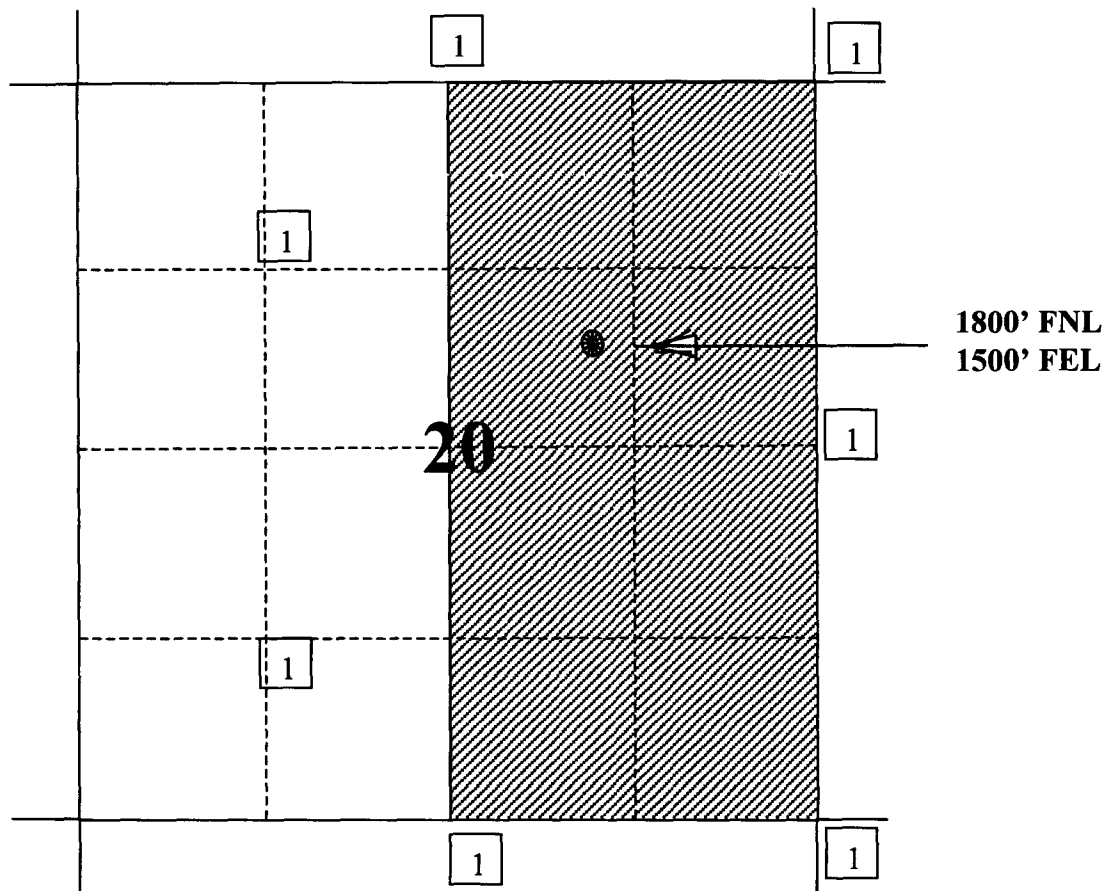
***BURLINGTON RESOURCES OIL AND GAS COMPANY***

**San Juan 27-4 Unit #13**

**OFFSET OPERATOR/OWNER PLAT**

**Pictured Cliffs (NE/4) / Mesaverde (E/2) Formations Commingle Well**

**Township 27 North, Range 4 West**



1) Burlington Resources

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                              |
| 121 <br>18 121A <br>                                                                                                  | <br>16A <br>17<br>16 <br>74 <br>                                                                                                              | <br>99A<br>16<br>72 <br>138 <br>99 <br>                                                                                                                                                                                                                                                                           | 141 <br>                                                                                                  |
| 105 <br>19<br>                                                                                                                                                                                         | SJ 27-4 Unit #13<br><br>126 <br>20<br>13A <br>                                                                                                                                                                             | 75 <br>142 <br>76 <br>78 <br>21 <br>77 <br>145 <br> | 79 <br><br>149<br> |
| 21 <br>21<br>30 89 <br>25 <br> | <br>113<br>20 <br>29<br>114 <br><br>20A<br>17 <br> | 87 <br><br>101<br>144 <br>28 <br>88<br>                                                                                                                                                                                                                                                                     | 133A <br><br>      |

*San Juan 27-4 Unit #13*  
*Sec. 20, T27N, R4W*  
*Pictured Cliffs/Mesaverde*

**SAN JUAN 27-4 UNIT  
GWI/NWI/NPI/ORRI/RI OWNERS**

| <b>FORMATION</b> | <b>INT TYPE</b> | <b>OWNER NAME</b>            |
|------------------|-----------------|------------------------------|
| Dakota           | NPI             | BURLINGTON RESOURCES O&G CO  |
| Dakota           | NWI             | BEDROCK LIMITED PARTNERSHIP  |
| Dakota           | NWI             | BURLINGTON RESOURCES O&G CO  |
| Dakota           | NWI             | CINCO GENERAL PARTNERSHIP    |
| Dakota           | NWI             | HARCO LTD PTSHP              |
| Dakota           | NWI             | JAMES V HARRINGTON           |
| Dakota           | NWI             | MARY JONE CHAPPELL           |
| Dakota           | NWI             | TEMPE LTD PARTNERSHIP        |
| Dakota           | ORRI            | AMALIA S SANCHEZ             |
| Dakota           | ORRI            | BEDROCK LIMITED PARTNERSHIP  |
| Dakota           | ORRI            | DEREK PETER VENEZIA          |
| Dakota           | ORRI            | EDNA E MORRELL LIVG TRUST    |
| Dakota           | ORRI            | ELEANOR G HAND               |
| Dakota           | ORRI            | GERALD F HARRINGTON          |
| Dakota           | ORRI            | HARCO LTD PTSHP              |
| Dakota           | ORRI            | JAMES V HARRINGTON           |
| Dakota           | ORRI            | JOHN C MEADOWS               |
| Dakota           | ORRI            | JOSEPH R ABRAHAM             |
| Dakota           | ORRI            | LESLIE C TATUM               |
| Dakota           | ORRI            | LMA ROYALTIES LTD            |
| Dakota           | ORRI            | MANUEL A SANCHEZ TRUST       |
| Dakota           | ORRI            | MARY F ROBERTS               |
| Dakota           | ORRI            | MARY JO WELLS                |
| Dakota           | ORRI            | MARY JONE CHAPPELL           |
| Dakota           | ORRI            | MIKE C ABRAHAM TRUSTEE       |
| Dakota           | ORRI            | MISS M F ABRAHAM             |
| Dakota           | ORRI            | PAID BY OTHERS               |
| Dakota           | ORRI            | PATRICIA ANN ASHBURN         |
| Dakota           | ORRI            | PATRICIA P SCHIEFFER         |
| Dakota           | ORRI            | ROBBYE F BAKER               |
| Dakota           | ORRI            | ROBERT P & ANNA D EARNEST TR |
| Dakota           | ORRI            | ROBERT S TATUM               |
| Dakota           | ORRI            | SCOTT ANTHONY VENEZIA        |
| Dakota           | ORRI            | TEMPE LTD PARTNERSHIP        |
| Dakota           | ORRI            | U/W FOSTER MORRELL DECD      |
| Dakota           | ORRI            | UNION OIL CO OF CALIF        |
| Dakota           | RI              | JUAN R MONTANO               |
| Dakota           | RI              | MINERALS MANAGEMENT SERVICE  |
| Dakota           | RI              | WILLIAM B GREENE             |

**SAN JUAN 27-4 UNIT  
GWI/NWI/NPI/ORRI/RI OWNERS**

|           |      |                               |
|-----------|------|-------------------------------|
| Mesaverde | NPI  | BURLINGTON RESOURCES O&G CO   |
| Mesaverde | NWI  | BEDROCK LIMITED PARTNERSHIP   |
| Mesaverde | NWI  | BURLINGTON RESOURCES O&G CO   |
| Mesaverde | NWI  | CINCO GENERAL PARTNERSHIP     |
| Mesaverde | NWI  | HARCO LTD PTSHP               |
| Mesaverde | NWI  | JAMES V HARRINGTON            |
| Mesaverde | NWI  | MARY JONE CHAPPELL            |
| Mesaverde | NWI  | ROMERO FAMILY LTD PARTNERSHIP |
| Mesaverde | NWI  | TEMPE LTD PARTNERSHIP         |
| Mesaverde | ORRI | AMALIA S SANCHEZ              |
| Mesaverde | ORRI | BEDROCK LIMITED PARTNERSHIP   |
| Mesaverde | ORRI | DEREK PETER VENEZIA           |
| Mesaverde | ORRI | EDNA E MORRELL LIVG TRUST     |
| Mesaverde | ORRI | ELEANOR G HAND                |
| Mesaverde | ORRI | GERALD F HARRINGTON           |
| Mesaverde | ORRI | HARCO LTD PTSHP               |
| Mesaverde | ORRI | JAMES V HARRINGTON            |
| Mesaverde | ORRI | JOHN C MEADOWS                |
| Mesaverde | ORRI | JOSEPH R ABRAHAM              |
| Mesaverde | ORRI | LESLIE C TATUM                |
| Mesaverde | ORRI | LMA ROYALTIES LTD             |
| Mesaverde | ORRI | MANUEL A SANCHEZ TRUST        |
| Mesaverde | ORRI | MARY F ROBERTS                |
| Mesaverde | ORRI | MARY JO WELLS                 |
| Mesaverde | ORRI | MARY JONE CHAPPELL            |
| Mesaverde | ORRI | MIKE C ABRAHAM TRUSTEE        |
| Mesaverde | ORRI | MISS M F ABRAHAM              |
| Mesaverde | ORRI | PAID BY OTHERS                |
| Mesaverde | ORRI | PATRICIA ANN ASHBURN          |
| Mesaverde | ORRI | PATRICIA P SCHIEFFER          |
| Mesaverde | ORRI | ROBBYE F BAKER                |
| Mesaverde | ORRI | ROBERT P & ANNA D EARNEST TR  |
| Mesaverde | ORRI | ROBERT S TATUM                |
| Mesaverde | ORRI | SCOTT ANTHONY VENEZIA         |
| Mesaverde | ORRI | TEMPE LTD PARTNERSHIP         |
| Mesaverde | ORRI | U/W FOSTER MORRELL DECD       |
| Mesaverde | ORRI | UNION OIL CO OF CALIF         |
| Mesaverde | RI   | JUAN R MONTANO                |
| Mesaverde | RI   | MINERALS MANAGEMENT SERVICE   |
| Mesaverde | RI   | WILLIAM B GREENE              |

**SAN JUAN 27-4 UNIT  
GWI/NWI/NPI/ORRI/RI OWNERS**

|                 |      |                             |
|-----------------|------|-----------------------------|
| Pictured Cliffs | NPI  | BURLINGTON RESOURCES O&G CO |
| Pictured Cliffs | NWI  | BEDROCK LIMITED PARTNERSHIP |
| Pictured Cliffs | NWI  | BURLINGTON RESOURCES O&G CO |
| Pictured Cliffs | NWI  | CINCO GENERAL PARTNERSHIP   |
| Pictured Cliffs | NWI  | HARCO LTD PTSHF             |
| Pictured Cliffs | NWI  | JAMES V HARRINGTON          |
| Pictured Cliffs | NWI  | MARY JONE CHAPPELL          |
| Pictured Cliffs | NWI  | TEMPE LTD PARTNERSHIP       |
| Pictured Cliffs | ORRI | AMALIA S SANCHEZ            |
| Pictured Cliffs | ORRI | BEDROCK LIMITED PARTNERSHIP |
| Pictured Cliffs | ORRI | DEREK PETER VENEZIA         |
| Pictured Cliffs | ORRI | EDNA E MORRELL LIVG TRUST   |
| Pictured Cliffs | ORRI | ELEANOR G HAND              |
| Pictured Cliffs | ORRI | GERALD F HARRINGTON         |
| Pictured Cliffs | ORRI | HARCO LTD PTSHF             |
| Pictured Cliffs | ORRI | JAMES V HARRINGTON          |
| Pictured Cliffs | ORRI | JOHN C MEADOWS              |
| Pictured Cliffs | ORRI | JOSEPH R ABRAHAM            |
| Pictured Cliffs | ORRI | LESLIE C TATUM              |
| Pictured Cliffs | ORRI | LMA ROYALTIES LTD           |
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| Pictured Cliffs | ORRI | TEMPE LTD PARTNERSHIP       |
| Pictured Cliffs | ORRI | UNION OIL CO OF CALIF       |
| Pictured Cliffs | RI   | JUAN R MONTANO              |
| Pictured Cliffs | RI   | MINERALS MANAGEMENT SERVICE |