

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 2040 South Pacheco, Santa Fe, NM 87505



2066

**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]

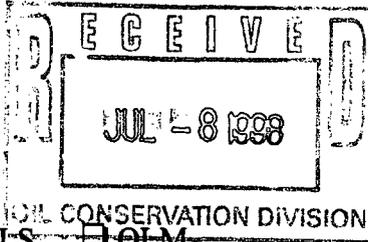
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [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]*  
 Signature

Title

Date



District I  
 PO Box 1980, Hobbs, NM 88241-1980

District II  
 PO Drawer DD, Artesia, NM 88211-0719

District III  
 1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-  
 Revised February 21, 1988  
 Instructions on file  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                       |                                                         |                          |                                            |
|-----------------------|---------------------------------------------------------|--------------------------|--------------------------------------------|
| API Number<br>30-039- |                                                         | Pool Code<br>72319/71599 | Pool Name<br>Blanco Mesaverde/Basin Dakota |
| Property Code<br>7452 | Property Name<br>SAN JUAN 27-4 UNIT                     |                          | Well Number<br>14M                         |
| GRID No.<br>14538     | Operator Name<br>BURLINGTON RESOURCES OIL & GAS COMPANY |                          | Elevation<br>6714'                         |

<sup>10</sup> Surface Location

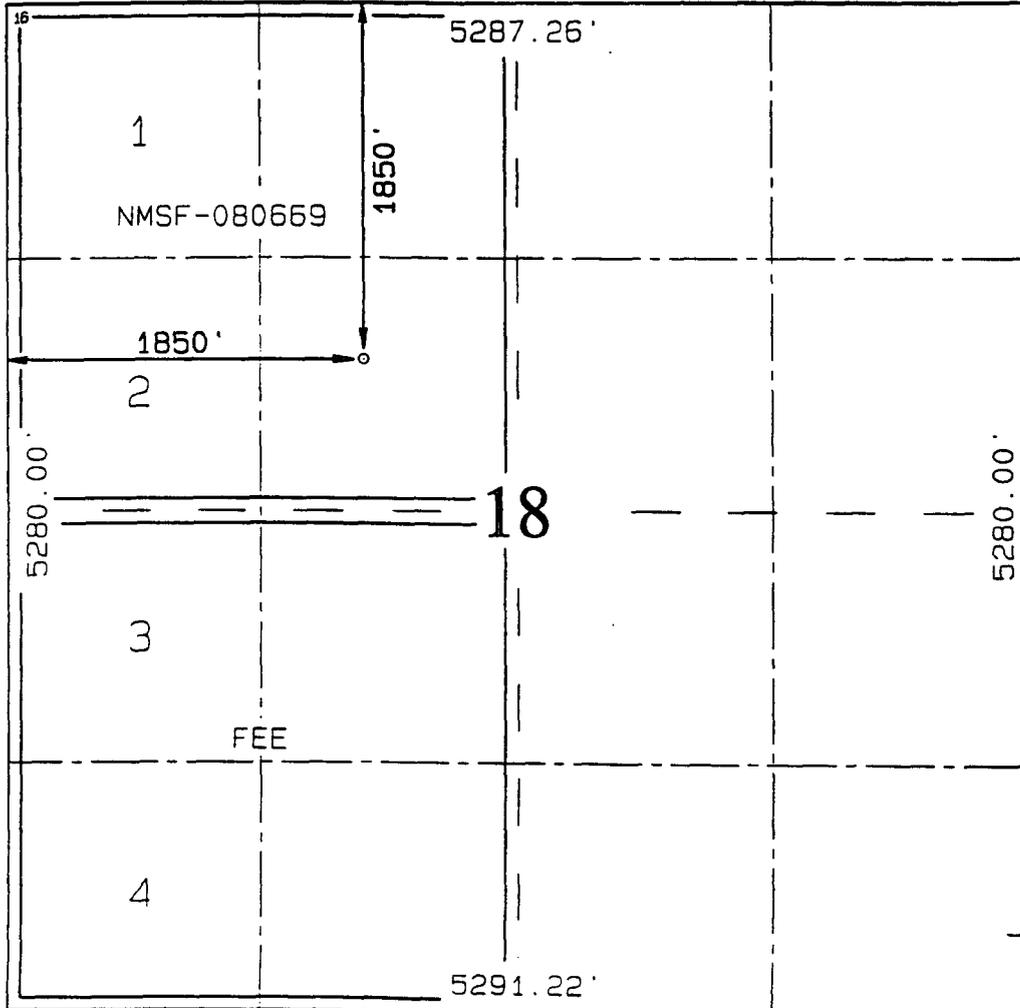
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| F             | 18      | 27N      | 4W    |         | 1850          | NORTH            | 1850          | WEST           | RIO ARRIB. |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                                                           |                               |                                  |                         |
|-----------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br>MV-W/321.12, DK-W/321.12 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-----------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<sup>17</sup> OPERATOR CERTIFICATION  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

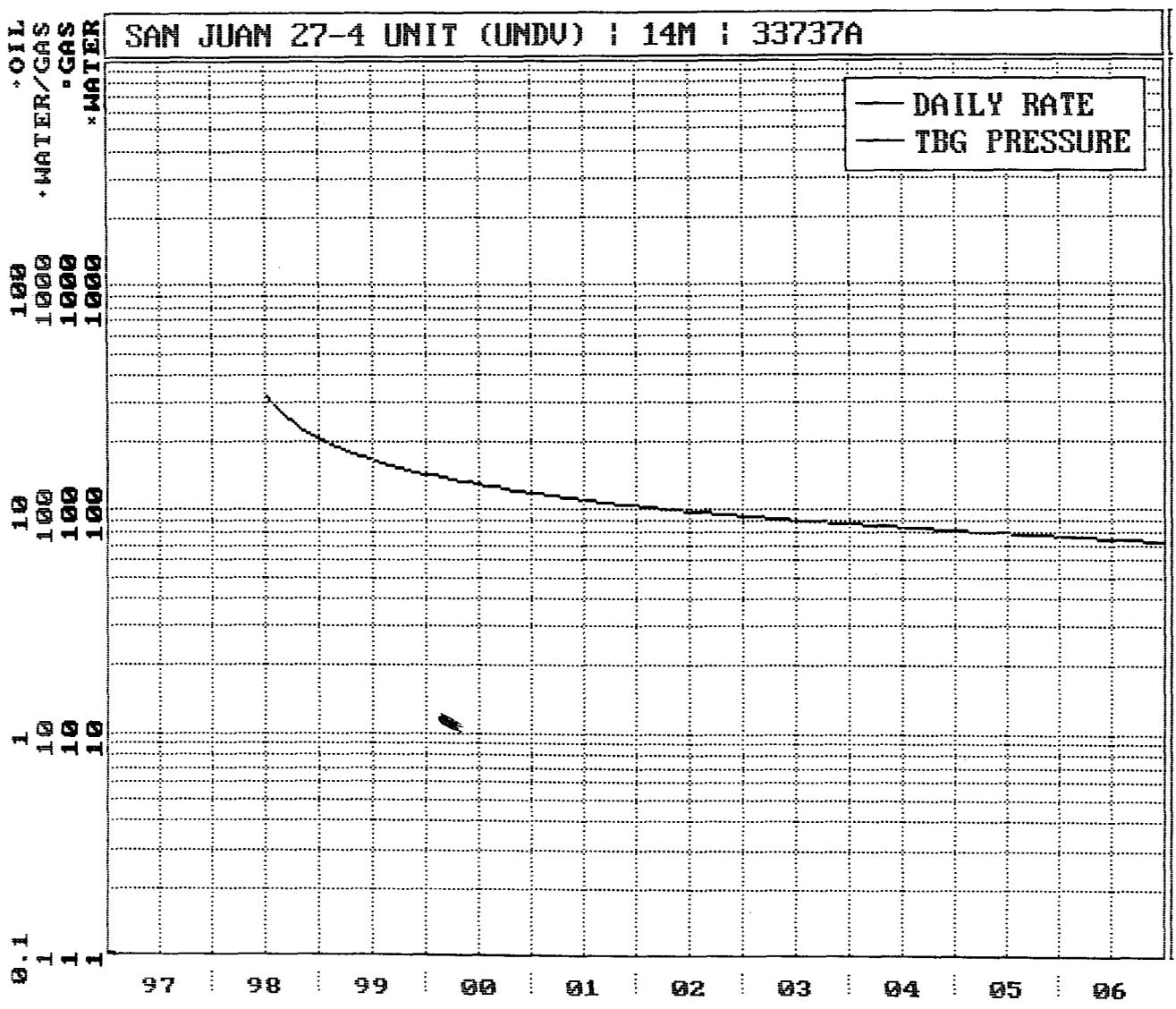
Signature  
 Peggy Bradfield  
 Printed Name  
 Regulatory Administrator  
 Title

Date  
 FEBRUARY 10, 1998  
 Date of Survey

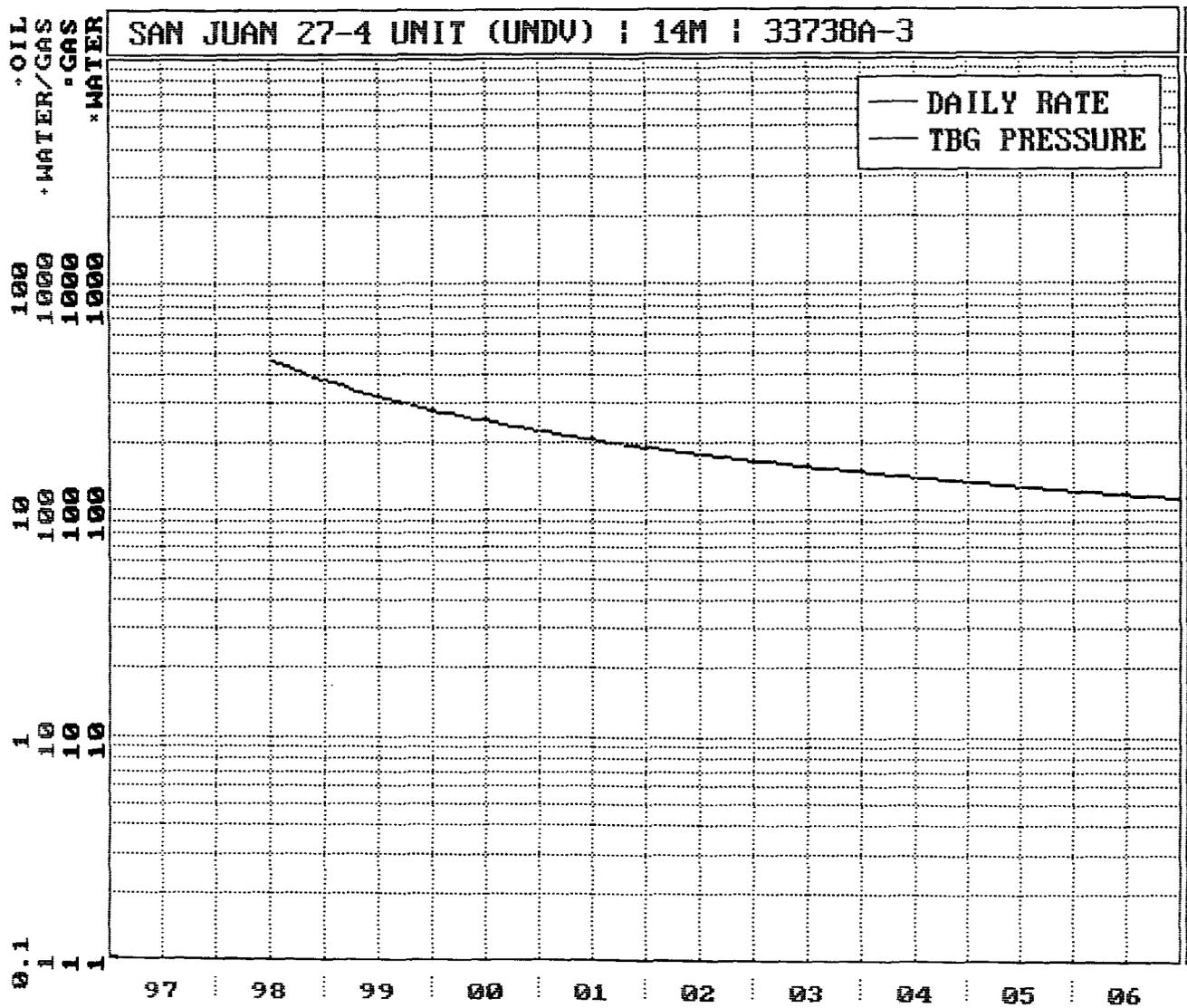
<sup>18</sup> SURVEYOR CERTIFICATION  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor  
 NEALE C. EDWARDS  
 NEW MEXICO  
 6857  
 6822  
 Certificate No. 6822

San Juan 27-4 Unit #14M  
Expected Production Curve  
Blanco Mesaverde



San Juan 27-4 Unit #14M  
Expected Production Curve  
Basin Dakota



**SJ 27-4 Unit #14M**  
 Bottom Hole Pressures  
 Flowing and Static BHP  
 Cullender and Smith Method  
 Version 1.0 3/13/94

| <b>Mesaverde</b>               |        | <b>Dakota</b>                  |        |
|--------------------------------|--------|--------------------------------|--------|
| <u>MV-Current</u>              |        | <u>DK-Current</u>              |        |
| GAS GRAVITY                    | 0.685  | GAS GRAVITY                    | 0.62   |
| COND. OR MISC. (C/M)           | C      | COND. OR MISC. (C/M)           | C      |
| %N2                            | 0.53   | %N2                            | 0.36   |
| %CO2                           | 0.84   | %CO2                           | 1.48   |
| %H2S                           | 0      | %H2S                           | 0      |
| DIAMETER (IN)                  | 1.25   | DIAMETER (IN)                  | 2.375  |
| DEPTH (FT)                     | 5701   | DEPTH (FT)                     | 7963   |
| SURFACE TEMPERATURE (DEG F)    | 60     | SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 137    | BOTTOMHOLE TEMPERATURE (DEG F) | 198    |
| FLOWRATE (MCFPD)               | 0      | FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 530    | SURFACE PRESSURE (PSIA)        | 774    |
| BOTTOMHOLE PRESSURE (PSIA)     | 612.1  | BOTTOMHOLE PRESSURE (PSIA)     | 920.8  |
| <u>MV-Original</u>             |        | <u>DK-Original</u>             |        |
| GAS GRAVITY                    | 0.685  | GAS GRAVITY                    | 0.62   |
| COND. OR MISC. (C/M)           | C      | COND. OR MISC. (C/M)           | C      |
| %N2                            | 0.53   | %N2                            | 0.36   |
| %CO2                           | 0.84   | %CO2                           | 1.48   |
| %H2S                           | 0      | %H2S                           | 0      |
| DIAMETER (IN)                  | 1.25   | DIAMETER (IN)                  | 2.375  |
| DEPTH (FT)                     | 5701   | DEPTH (FT)                     | 7963   |
| SURFACE TEMPERATURE (DEG F)    | 60     | SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 137    | BOTTOMHOLE TEMPERATURE (DEG F) | 198    |
| FLOWRATE (MCFPD)               | 0      | FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 1142   | SURFACE PRESSURE (PSIA)        | 2569   |
| BOTTOMHOLE PRESSURE (PSIA)     | 1339.8 | BOTTOMHOLE PRESSURE (PSIA)     | 3100.5 |

Page No.: 2

Print Time: Fri Jan 16 10:58:57 1998

Property ID: 1631

Property Name: SAN JUAN 27-4 UNIT | 41 | 51788A-1

Table Name: K:\ARIES\RR98PDP\TEST.DBF

--DATE-- M SIWHP  
■■■■■■■■■■ ■■■■Psi■■■■

San Juan 27-4 # 14M

Dakota Offset

|          |        |            |
|----------|--------|------------|
| 09/19/68 | 2569.0 | - original |
| 05/29/69 | 2359.0 |            |
| 06/09/70 | 1235.0 |            |
| 05/03/71 | 1390.0 |            |
| 02/09/72 | 1484.0 |            |
| 05/16/73 | 1204.0 |            |
| 06/23/75 | 967.0  |            |
| 07/06/77 | 843.0  |            |
| 05/05/80 | 899.0  |            |
| 05/21/81 | 931.0  |            |
| 09/22/83 | 1007.0 |            |
| 06/06/85 | 941.0  |            |
| 05/19/88 | 1235.0 |            |
| 05/30/90 | 924.0  |            |
| 07/28/92 | 774.0  | - current  |



San Juan 27-4 Unit #14M  
Blanco Mesaverde/ Basin Dakota  
27N-4W-18D

