



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 87505-6429

**APPLICATION FOR DOWNHOLE COMMINGLING**

Form C-107-A  
New 3-12-96

APPROVAL PROCESS :

Administrative  Hearing

EXISTING WELLBORE

YES  NO

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

Operator **Hubbell** Address **San Juan, New Mexico**  
Well No. **#3E** Unit Ltr. - Sec - Twp - Rge **H 18-29-10** County \_\_\_\_\_  
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7132 API NO. 30-045-23881 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   | Blanco Mesaverde 72319                                  |                   | Basin Dakota 71599                            |
| 2. Top and Bottom of Pay Section (Perforations)  | 3980' - 4653' (Proposed)<br>Act. Provided at Completion |                   | 6448' - 6556'                                 |
| 3. Type of production (Oil or Gas)   | Gas   |                   | Gas   |
| 4. Method of Production (Flowing or Artificial Lift)   | Not currently completed                                 |                   | 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. 352 psia at 4317'                       | a.                | Measured<br>a. 742 psia at 6502'              |
|  | (Original)<br>b. 1314 psia at 4317'                     | b.                | b. 1554 psia at 6502'                         |
| 6. Oil Gravity ( <sup>o</sup> API) or Gas BTU Content  |   |                   |   |
| 7. Producing or Shut-In?   | Awaiting Recompletion                                   |                   | Producing                                     |
| Production Marginal? (yes or no)   | Anticipated to be Yes                                   |                   | Yes   |
| * If Shut-In and oil/gas/water rates of last production<br><small>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data</small> | Date: N/A<br>Rates:                                     | Date:<br>Rates:   | Date: N/A<br>Rates:                           |
| * If Producing, give data and oil/gas/water of recent test (within 60 days)  | Date:<br>Rates: N/A                                     | Date:<br>Rates:   | Date: 1/27/97<br>Rates: 2.2 BOD 101 MCFD      |
|  | Oil: Gas:<br>will be supplied upon completion           | Oil: % Gas: %     | Oil: Gas:<br>will be supplied upon completion |

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  No

11. 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  No

13. 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 Production Engineer DATE 01-29-98

TYPE OR PRINT NAME Kevin Midkiff TELEPHONE NO. ( 505 ) 326-9700

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

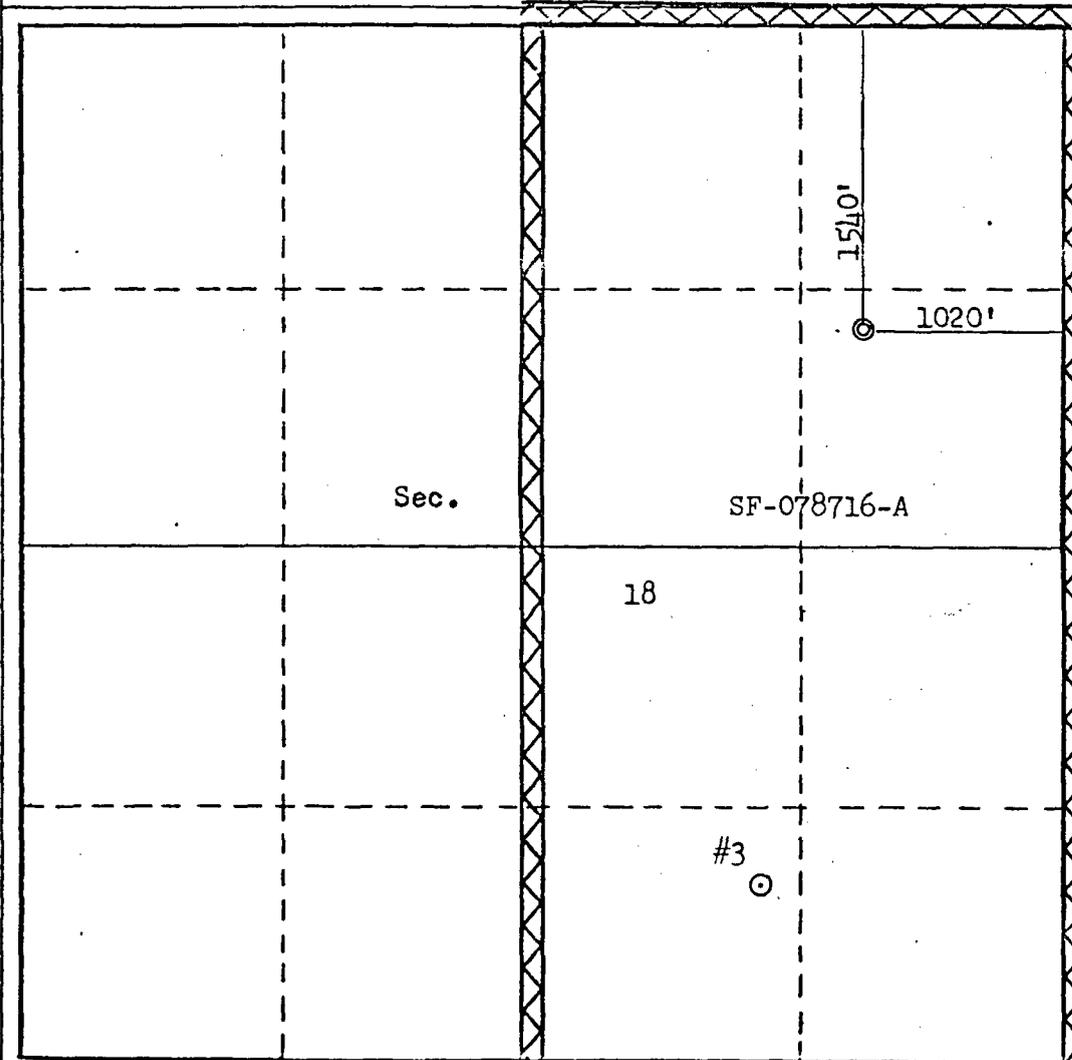
|  |   |                 |  |                                    |                 |
|--|---|-----------------|--|------------------------------------|-----------------|
| Operator<br>EL PASO NATURAL GAS COMPANY  |   |                 | Lease<br>HUBBELL (SF-078716-A)           |                                    | Well No.<br>3-E |
| Unit Letter<br>H   | Section<br>18                           | Township<br>29N | Range<br>10W                             | County<br>San Juan                 |                 |
| Actual Footage Location of Well:<br>1540 feet from the North line and 1020 feet from the East line |   |                 |  |                                    |                 |
| Ground Level Elev.<br>5619   | Producing Formation<br>DAKOTA/MESAVERDE |                 | Pool<br>BLANCO MESAVERDE<br>BASIN DAKOTA | Dedicated Acreage:<br>320.85 Acres |                 |

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

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*A. G. Lisco*

Name Drilling Clerk

Position El Paso Natural Gas

Company Date October 11, 1979

Date

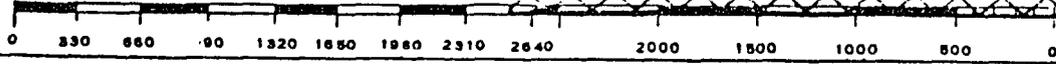
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed September 12, 1979

Registered Professional Engineer and/or Land Surveyor

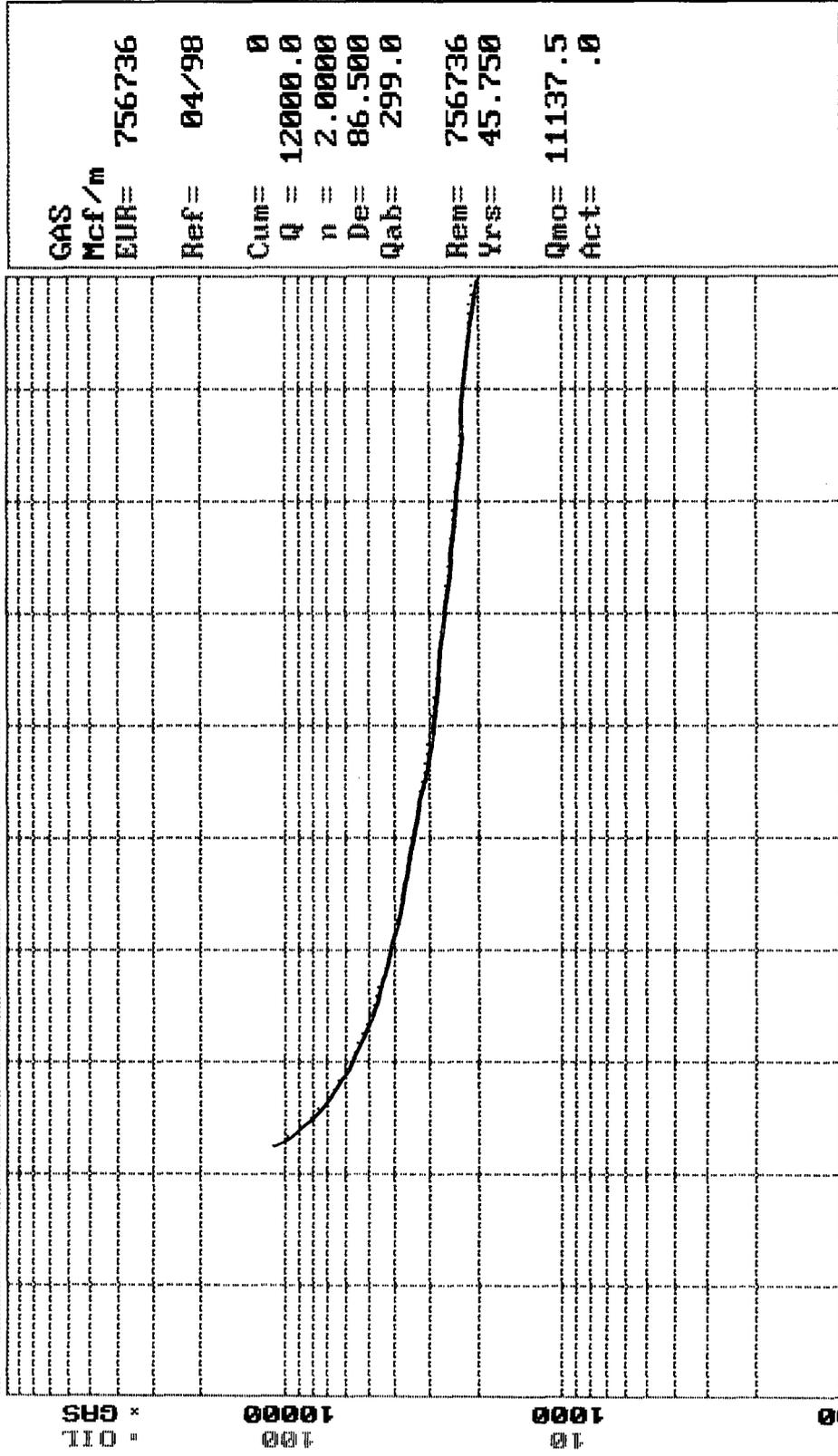
*Fred W. Kerr Jr.*

Certificate No. 3950



HUBBELL I 3E I 50553B MESA VERDE - ESTIMATED

Prop: 19



GAS  
 Mcf/m  
 EUR= 756736  
 Ref= 04/98  
 Cum= 0  
 Q = 12000.0  
 n = 2.0000  
 De= 86.500  
 Qab= 299.0  
 Rem= 756736  
 Yrs= 45.750  
 Qmo= 11137.5  
 Act= .0

Major=GAS

100 = OIL  
 10000  
 1000  
 10



Page No.: 1

Print Time: Tue Jan 27 15:50:06 1998

Property ID: 10103 *DAKOTA*

Property Name: HUBBELL | 3E | 50553A-1

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

| <u>--DATE--</u> | <u>---CUM GAS--</u> | <u>M</u>     | <u>SIWHP</u>     |
|-----------------|---------------------|--------------|------------------|
|                 | Mcf                 |              | Psi              |
| 03/28/81        | 0                   | 0            | 1259.0           |
| 04/06/81        | 0                   | 0            | 1260.0           |
| 07/09/81        | 12708               |              | 945.0            |
| 05/18/82        | 76618               |              | 894.0            |
| 11/02/83        | 131347              |              | -872.0           |
| 07/02/85        | 216263              |              | 720.0            |
| 03/04/88        | 330845              |              | 680.0            |
| 04/24/90        | 402745              |              | 704.0            |
| 03/29/92        | 444350              |              | 717.0            |
| <i>11/30/97</i> | <i>661618</i>       | <i>609.4</i> | <i>Estimated</i> |

Page No.: 1  
Print Time: Tue Jan 27 14:05:29 1998  
Property ID: 2809  
Property Name: GRENIER B | 3E | 25694-1  
Table Name: K:\ARIES\RR98PDP\TEST.DBF

*OFFSET MESA VERDE*

| <u>--DATE--</u> | <u>---CUM_GAS--</u><br>Mcf | <u>M SIWHP</u><br>Psi |                  |
|-----------------|----------------------------|-----------------------|------------------|
| 10/31/81        | 0                          | 1137.0                |                  |
| 05/02/82        | 124467                     | 544.0                 |                  |
| 08/24/83        | 249678                     | 521.0                 |                  |
| 04/03/84        | 304800                     | 480.0                 |                  |
| 09/17/86        | 442236                     | 398.0                 |                  |
| 08/30/89        | 572033                     | 424.0                 |                  |
| 10/21/91        | 649304                     | 354.0                 |                  |
| 11/12/91        | 653665                     | 366.0                 |                  |
| 05/31/93        | 718053                     | 352.0                 |                  |
| <i>11/30/97</i> | <i>875041</i>              | <i>303</i>            | <i>Estimated</i> |

**Hubbell No. 3E**  
**Bottom Hole Pressures**  
**Flowing and Static BHP**  
**Cullender and Smith Method**  
Version 1.0 3/13/94

| <b>Mesaverde</b>   | <b>Dakota</b>             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
|--|---------------------------|-------|----------------------|---|-----|------|------|------|------|---|---------------|---|------------|------|-----------------------------|----|--------------------------------|-----|------------------|---|-------------------------|------|--------------------------------|------------|--|-------------|-------|----------------------|---|-----|------|------|------|------|---|---------------|---|------------|------|-----------------------------|----|--------------------------------|-----|------------------|---|-------------------------|------|--------------------------------|------------|
| <b><u>MV-Current</u></b>   | <b><u>DK-Current</u></b>  |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.709</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.28</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">0.56</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">4</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">4317</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">115</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">315</td></tr> <tr><td><br/>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"><br/>352.3</td></tr> </table>   | GAS GRAVITY               | 0.709 | COND. OR MISC. (C/M) | M | %N2 | 0.28 | %CO2 | 0.56 | %H2S | 0 | DIAMETER (IN) | 4 | DEPTH (FT) | 4317 | SURFACE TEMPERATURE (DEG F) | 60 | BOTTOMHOLE TEMPERATURE (DEG F) | 115 | FLOWRATE (MCFPD) | 0 | SURFACE PRESSURE (PSIA) | 315  | <br>BOTTOMHOLE PRESSURE (PSIA) | <br>352.3  | <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.720</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.28</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">1.57</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">4</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">6502</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">143</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">621</td></tr> <tr><td><br/>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"><br/>741.5</td></tr> </table>   | GAS GRAVITY | 0.720 | COND. OR MISC. (C/M) | M | %N2 | 0.28 | %CO2 | 1.57 | %H2S | 0 | DIAMETER (IN) | 4 | DEPTH (FT) | 6502 | SURFACE TEMPERATURE (DEG F) | 60 | BOTTOMHOLE TEMPERATURE (DEG F) | 143 | FLOWRATE (MCFPD) | 0 | SURFACE PRESSURE (PSIA) | 621  | <br>BOTTOMHOLE PRESSURE (PSIA) | <br>741.5  |
| GAS GRAVITY  | 0.709                     |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| COND. OR MISC. (C/M)   | M                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %N2  | 0.28                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %CO2   | 0.56                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %H2S   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DIAMETER (IN)  | 4                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DEPTH (FT)   | 4317                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE TEMPERATURE (DEG F)  | 60                        |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| BOTTOMHOLE TEMPERATURE (DEG F)   | 115                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| FLOWRATE (MCFPD)   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE PRESSURE (PSIA)  | 315                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <br>BOTTOMHOLE PRESSURE (PSIA)   | <br>352.3                 |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| GAS GRAVITY  | 0.720                     |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| COND. OR MISC. (C/M)   | M                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %N2  | 0.28                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %CO2   | 1.57                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %H2S   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DIAMETER (IN)  | 4                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DEPTH (FT)   | 6502                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE TEMPERATURE (DEG F)  | 60                        |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| BOTTOMHOLE TEMPERATURE (DEG F)   | 143                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| FLOWRATE (MCFPD)   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE PRESSURE (PSIA)  | 621                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <br>BOTTOMHOLE PRESSURE (PSIA)   | <br>741.5                 |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <b><u>MV-Original</u></b>  | <b><u>DK-Original</u></b> |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.709</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.28</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">0.56</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">4</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">4317</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">115</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">1149</td></tr> <tr><td><br/>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"><br/>1313.7</td></tr> </table> | GAS GRAVITY               | 0.709 | COND. OR MISC. (C/M) | M | %N2 | 0.28 | %CO2 | 0.56 | %H2S | 0 | DIAMETER (IN) | 4 | DEPTH (FT) | 4317 | SURFACE TEMPERATURE (DEG F) | 60 | BOTTOMHOLE TEMPERATURE (DEG F) | 115 | FLOWRATE (MCFPD) | 0 | SURFACE PRESSURE (PSIA) | 1149 | <br>BOTTOMHOLE PRESSURE (PSIA) | <br>1313.7 | <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.720</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.28</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">1.57</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">4</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">6502</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">143</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">1271</td></tr> <tr><td><br/>BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"><br/>1553.6</td></tr> </table> | GAS GRAVITY | 0.720 | COND. OR MISC. (C/M) | M | %N2 | 0.28 | %CO2 | 1.57 | %H2S | 0 | DIAMETER (IN) | 4 | DEPTH (FT) | 6502 | SURFACE TEMPERATURE (DEG F) | 60 | BOTTOMHOLE TEMPERATURE (DEG F) | 143 | FLOWRATE (MCFPD) | 0 | SURFACE PRESSURE (PSIA) | 1271 | <br>BOTTOMHOLE PRESSURE (PSIA) | <br>1553.6 |
| GAS GRAVITY  | 0.709                     |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| COND. OR MISC. (C/M)   | M                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %N2  | 0.28                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %CO2   | 0.56                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %H2S   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DIAMETER (IN)  | 4                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DEPTH (FT)   | 4317                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE TEMPERATURE (DEG F)  | 60                        |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| BOTTOMHOLE TEMPERATURE (DEG F)   | 115                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| FLOWRATE (MCFPD)   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE PRESSURE (PSIA)  | 1149                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <br>BOTTOMHOLE PRESSURE (PSIA)   | <br>1313.7                |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| GAS GRAVITY  | 0.720                     |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| COND. OR MISC. (C/M)   | M                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %N2  | 0.28                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %CO2   | 1.57                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| %H2S   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DIAMETER (IN)  | 4                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| DEPTH (FT)   | 6502                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE TEMPERATURE (DEG F)  | 60                        |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| BOTTOMHOLE TEMPERATURE (DEG F)   | 143                       |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| FLOWRATE (MCFPD)   | 0                         |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| SURFACE PRESSURE (PSIA)  | 1271                      |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |
| <br>BOTTOMHOLE PRESSURE (PSIA)   | <br>1553.6                |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |  |             |       |                      |   |     |      |      |      |      |   |               |   |            |      |                             |    |                                |     |                  |   |                         |      |                                |            |

Note: Since the Mesa Verde zone is a recompletion, data was utilized from the offset Grenier B No. 3E.

## Package Preparation Volume Data

DP No: 50553A      HUBBELL      JE      Form: DK

Supt: 60 KEN RAYBON      FF: 338 JOHNNY ELLIS      MS: 390 ERNIE MINERT  
 Pipeline: EPNG      Plunger: No      Dual: No      Compressor: No

| <u>Ownership (No Trust)</u>    |          |           | <u>Prior Year</u> |             |                | <u>Current Year</u> |             |                |   |
|--------------------------------|----------|-----------|-------------------|-------------|----------------|---------------------|-------------|----------------|---|
| <u>Gas</u>                     |          |           |                   |             |                |                     |             |                |   |
| GWI: 100.0000%                 | Oil      | 100.0000% | <u>MCF/M</u>      | <u>BOPM</u> | <u>Days On</u> | <u>MCF/M</u>        | <u>BOPM</u> | <u>Days On</u> |   |
| GNI: 84.0000%                  | 84.0000% |           |                   |             |                |                     |             |                |   |
| <b>Volumes (Days On)</b>       |          |           | Jan               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Feb               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Mar               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Apr               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | May               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Jun               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Jul               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Aug               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Sept              | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Oct               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Nov               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | Dec               | 0           | 0.0            | 0                   | 0           | 0.0            | 0 |
|                                |          |           | <b>Total</b>      | 0           | 0.0            |                     | 0           | 0.0            |   |
| <b>Volumes (Days in Month)</b> |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |
|                                |          |           |                   |             |                |                     |             |                |   |

**Print Form**

**Exit Volumes Data**

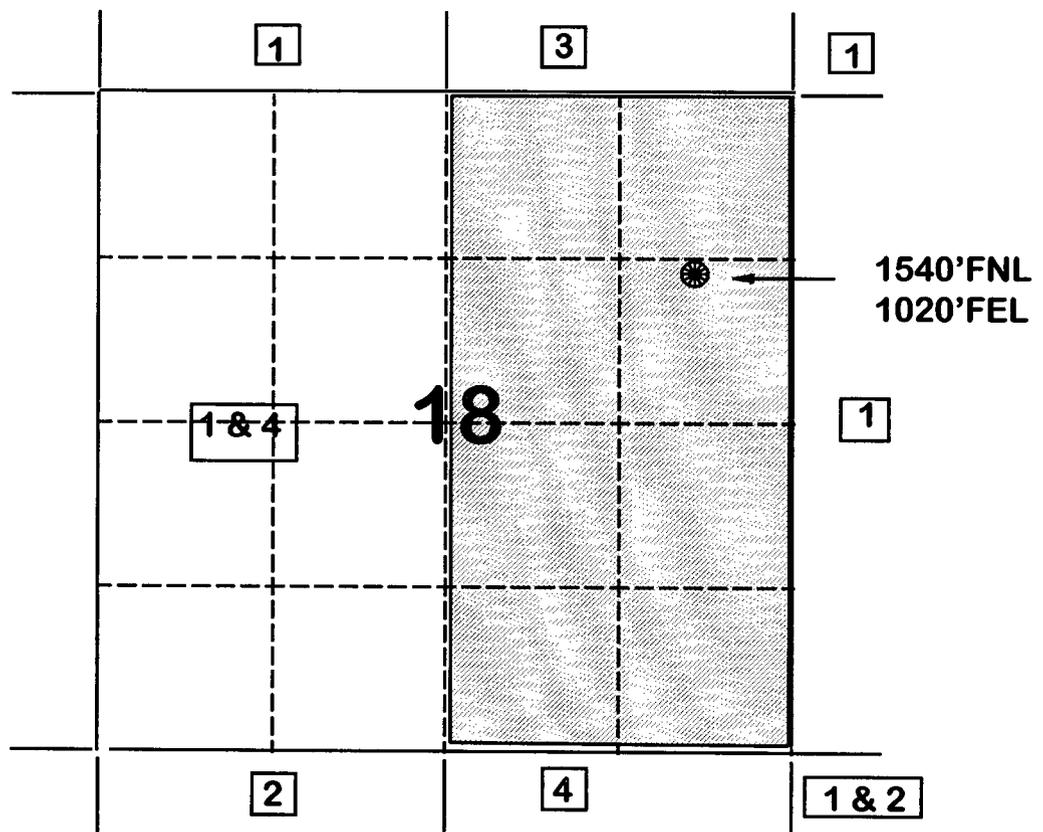
**BURLINGTON RESOURCES OIL AND GAS COMPANY**

**Hubbell #3E**

**OFFSET OPERATOR \ OWNER PLAT**

**Dakota / Mesaverde Formations Commingle Well**

**Township 29 North, Range 10 West**



- 1) Burlington Resources
- 2) Amoco Production Company  
c/o Bruce Zimney  
P.O. Box 800  
Denver, CO 80201
- 3) Conoco Inc.  
10 Desta Drive, Ste.100W  
Midland, Texas 79705-4500

- 4) Four Star Oil & Gas Company  
c/o Texaco Exploration & Producing  
Attn.: Gary Cox  
P.O. Box 2100  
Denver, CO 80201

