

## **Ernie Busch**

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**From:** Ernie Busch  
**To:** Ben Stone  
**Subject:** BURLINGTON (DHC) CULPEPPER MARTIN SRC #3  
**Date:** Monday, October 28, 1996 8:34AM  
**Priority:** High

CULPEPPER MARTIN SRC #3  
N-33-32N-12W  
RECOMMEND: APPROVAL

DISTRICT I  
2040 South Pacheco, NM 87505  
DISTRICT II  
P.O. Drawer 00, Artesia, NM 88211-0719  
DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, New Mexico 87505  
OPERATOR'S MONTHLY REPORT

Form C-115  
Revised May, 1995  
Instructions on Reverse Side  
Amended Report

Operator: BANNON ENERGY INCORPORATED  
Address : 3934 FM 1960 WEST, SUITE 240 HOUSTON, TX 77068

OGRID: 001587

Month/Year 10/1995  
Page 3 of 18

| POOL NO. AND NAME<br>Property No. and Name<br>Well No. & U-L-S-T-R<br>API NO.                            | INJECTION   |      |        | PRODUCTION  |                              |                           |                     | DISPOSITION OF OIL, GAS, AND WATER |                  |                         |                                  |                                 |                           |                                |             |                                   |
|----------------------------------------------------------------------------------------------------------|-------------|------|--------|-------------|------------------------------|---------------------------|---------------------|------------------------------------|------------------|-------------------------|----------------------------------|---------------------------------|---------------------------|--------------------------------|-------------|-----------------------------------|
|                                                                                                          | C<br>D<br>E | VOL. | PRESS. | C<br>D<br>E | BBLs of<br>Oil/Cond<br>Prod. | BBLs of<br>Water<br>Prod. | MCF<br>GAS<br>Prod. | Days<br>Prod<br>Used               | C<br>D<br>E      | Point of<br>Disposition | Gas BTU<br>or OIL API<br>Gravity | Oil on<br>Hand<br>Beg.<br>Month | Volume<br>BBL/MCF         | TRANS-<br>POR-<br>TER<br>OGRID | C<br>D<br>E | Oil on<br>Hand<br>end of<br>Month |
| 17610 DEVILS FORK GALLUP (ASSOCIATED)<br>001723 GRACE FEDERAL 24<br>001R D 24NENM/24N/7M<br>30-039-24571 | F           |      |        |             | 0                            | 0                         | 102                 | 31                                 | 0<br>G<br>G<br>G | 0507610<br>0507630      | 42.4<br>1471                     | 188                             | 120<br>1600<br>837<br>590 | 009018<br>001587               | U<br>0      | 94                                |
| 001725 LYBROOK 19<br>002 RK 19NESM/24N/6M<br>30-039-24558                                                | P           |      |        |             | 15                           | 0                         | 4038                | 30                                 | 0<br>G<br>G<br>G | 0504310<br>0504330      | 1515                             | 89                              | 2302<br>1330<br>406       | 001587                         | U<br>0      | 104                               |
| 001726 LYBROOK FED. 24<br>004 H 24SENE/24N/7M<br>30-039-24894<br>005 I 24NESE/24N/7M<br>30-039-24920     | P<br>S      |      |        |             | 11<br>0                      | 0<br>0                    | 2885<br>0           | 30<br>0                            | 0<br>G<br>G<br>G | 0505310<br>0505330      | 52.6<br>1510                     | 105                             | 89<br>1613<br>914<br>358  | 009018<br>001587               | U<br>0      | 27                                |
| 17052 RINCON 19<br>3 E 19SMM/24N/6M<br>30-039-24921                                                      | F           |      |        |             | 10                           | 0                         | 2797                | 30                                 | 0<br>G<br>G<br>G | 0758510<br>0758530      | 1496                             | 83                              | 1495<br>796<br>506        | 001587                         | U<br>0      | 93                                |

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

Signature Jamie Myrick

JAMIE MYRICK

Printed Name & Title

REGULATORY ANALYST

Date 11-28-1995

(713) 537-9000  
Phone Number

# BURLINGTON RESOURCES

SAN JUAN DIVISION

September 24, 1996

Mr. William LeMay  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Re: Culpepper Martin SRC #3  
990'FSL, 1650'FWL Section 33, T-32-N, R-12-W, San Juan County, NM  
API #30-045-12205

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde and Basin Dakota pools in the subject well. This is currently a dual Mesa Verde/Dakota well.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company is submitting the following for your approval of this commingling:

1. Form C107A - Application for Downhole Commingling;
2. C-102 plat for each zone showing its spacing unit and acreage dedication;
3. Production curve for both the Dakota and Mesa Verde for at least one year;
4. Notification list of offset operators;
5. Shut in wellhead pressure and calculated down hole pressure;
6. Nine-section plats for the Mesa Verde and Dakota.

The ownership for both the Mesa Verde and Dakota are common in this well. No notification to interest owners is required.

The allocation formula will be based off actual flow rates from the Mesa Verde and Dakota formations.

Please let me know if you require additional data.

Sincerely,



Peggy Bradfield  
Regulatory/Compliance Administrator

encs.

RECEIVED  
SEP 25 1996

OIL CON. DIV.  
DIST. 3

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

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

APPROVAL PROCESS :  
\_\_\_X\_\_\_ Administrative  
\_\_\_ Hearing  
EXISTING WELLBORE  
\_\_\_X\_\_\_ YES \_\_\_ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company PO Box 4289, Farmington, NM 87499  
Operator Address  
Culpepper Martin SRC 3 N-33-32N-12W San Juan

Lease Well No. Unit Ltr. - Sec - Twp - Rge County  
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 18505 API NO. 30-045-12205 Federal , State , (and/or) Fee X

| 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)                                                                                                                                               | 4743-4996'                                                                             |                   | 6923-7036'                                                      |
| 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. 702 psi (see attachment)<br>(Original)<br>b. 1238 psi (see attachment) | a.<br><br>b.      | a. 942 psi (see attachment)<br><br>b. 1926 psi (see attachment) |
| 6. Oil Gravity (°API) or Gas BTU Content                                                                                                                                                      | BTU 1204                                                                               |                   | BTU 1169                                                        |
| 7. Producing or Shut-In?                                                                                                                                                                      | producing                                                                              |                   | producing                                                       |
| Production Marginal? (yes or no)                                                                                                                                                              | No                                                                                     |                   | 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: N/A<br>Rates:                                                                    | Date:<br>Rates:   | Date: N/A<br>Rates:                                             |
| * If Producing, give data and oil/gas/water water of recent test (within 60 days)                                                                                                             | Date: 8/96<br>rates: 80 MCF/D<br>1.37 BOPD                                             | Date:<br>Rates:   | Date: 8/96<br>Rates: 15 MCF/D<br>.19 BOPD                       |
| 8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)                                                                                                          | Will be supplied upon completion                                                       |                   | 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? X Yes \_\_\_ No  
If not, have all working, overriding, and royalty interests been notified by certified mail? X Yes \_\_\_ No  
Have all offset operators been given written notice of the proposed downhole commingling? X Yes \_\_\_ No
11. Will cross-flow occur? X \_\_\_ 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. X \_\_\_ Yes \_\_\_ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? X \_\_\_ Yes \_\_\_ No
13. Will the value of production be decreased by commingling? \_\_\_ Yes X \_\_\_ 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. X 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 Peggy Bradfield TITLE Regulatory Administrator DATE 9-24-96

TYPE OR PRINT NAME Peggy Bradfield TELEPHONE NO. ( 505 ) 326-9700

NEW MEXICO  
OIL CONSERVATION COMMISSION

Gas Well Plat

Date March 4, 1954

Astec Oil & Gas Co. Culpepper-Martin 3  
Operator Lease Well No.

Name of Producing Formation Mesaverde Pool Blanco

No. Acres Dedicated to the Well 320

Indicate land status and show ownership. All Patented Acreage

SECTION 33 TOWNSHIP 32-N RANGE 12-W

|                |  |  |  |
|----------------|--|--|--|
| Astec Patented |  |  |  |
|                |  |  |  |
|                |  |  |  |
|                |  |  |  |

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

Name A. J. [unclear]  
Position Engineer  
Representing Astec Oil & Gas Co.  
Address Bart Eldo., Dallas

(over)

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

WF  
Form C-102  
Supersedes C-128  
Effective 1-1-65

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

|                                                                                                                               |                                      |                        |                                   |                           |                                        |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------|-----------------------------------|---------------------------|----------------------------------------|
| Operator<br><b>Artes Oil and Gas</b>                                                                                          |                                      |                        | Lease<br><b>Calvin Martin SRC</b> |                           | Well No.<br><b>3</b>                   |
| Unit Letter<br><b>F</b>                                                                                                       | Section<br><b>13</b>                 | Township<br><b>30N</b> | Range<br><b>12W</b>               | County<br><b>San Juan</b> |                                        |
| Actual Footage Location of Well:<br><b>1690</b> feet from the <b>West</b> line and <b>990</b> feet from the <b>South</b> line |                                      |                        |                                   |                           |                                        |
| Ground Level Elev.<br><b>7903 AL</b>                                                                                          | Producing Formation<br><b>Dakota</b> |                        | Pool<br><b>Basin Dakota</b>       |                           | Dedicated Acreage:<br><b>300</b> Acres |

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

☐ 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.

ORIGINAL SIGNED BY JOE C. SALMON  
Name

**Joe C. Salmon**

Position

**District Superintendent**

Company

**Artes Oil and Gas**

Date

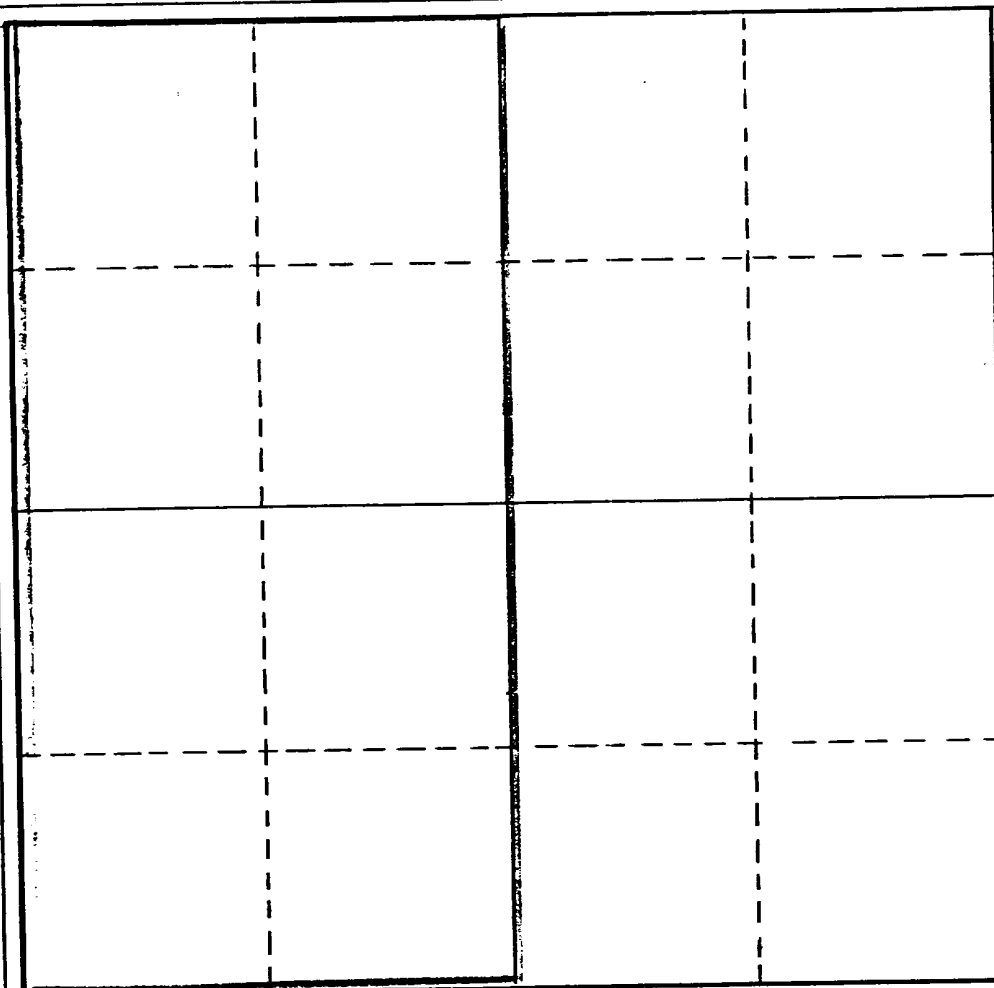
**Oct. 27, 1966**

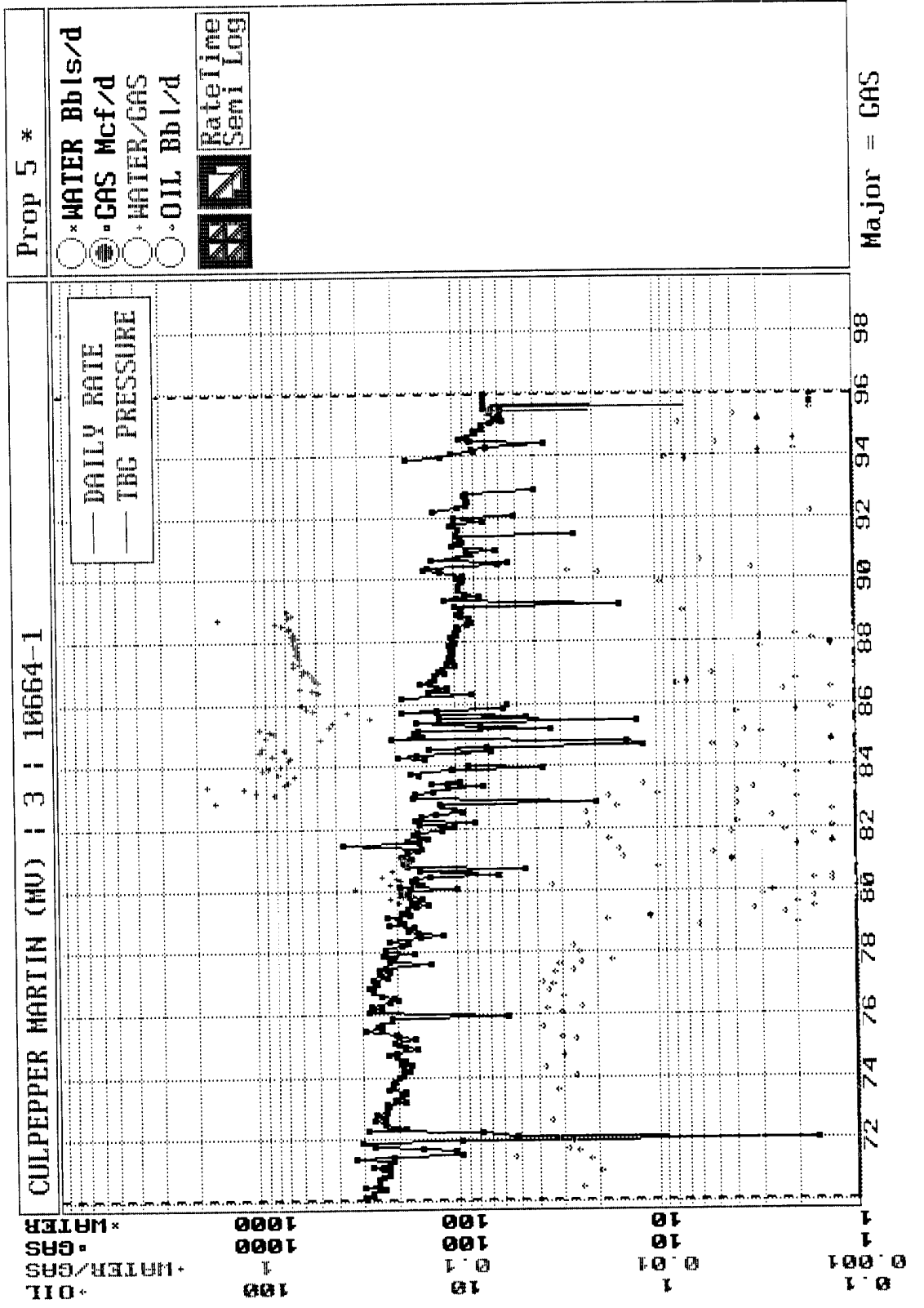
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

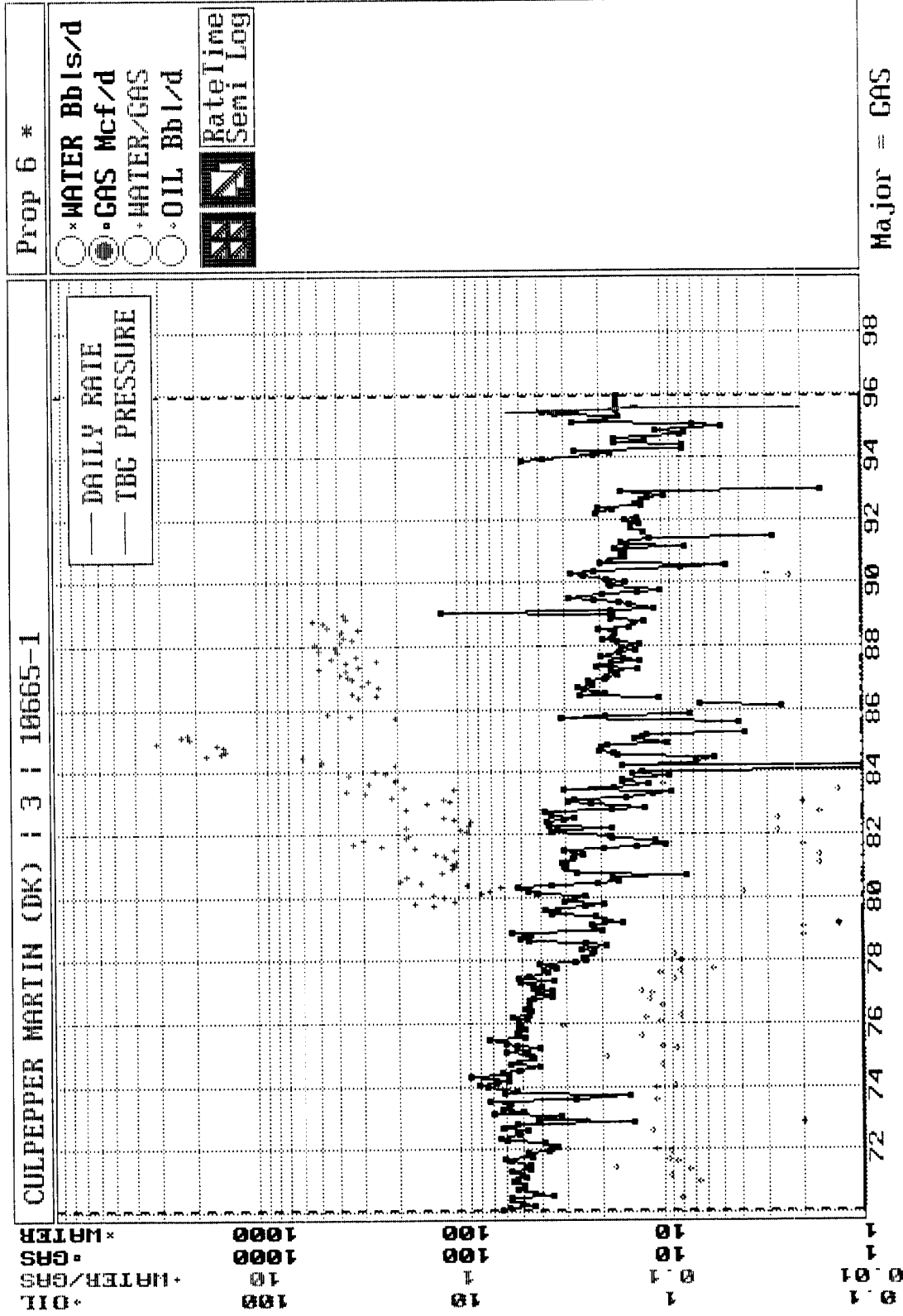
Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.







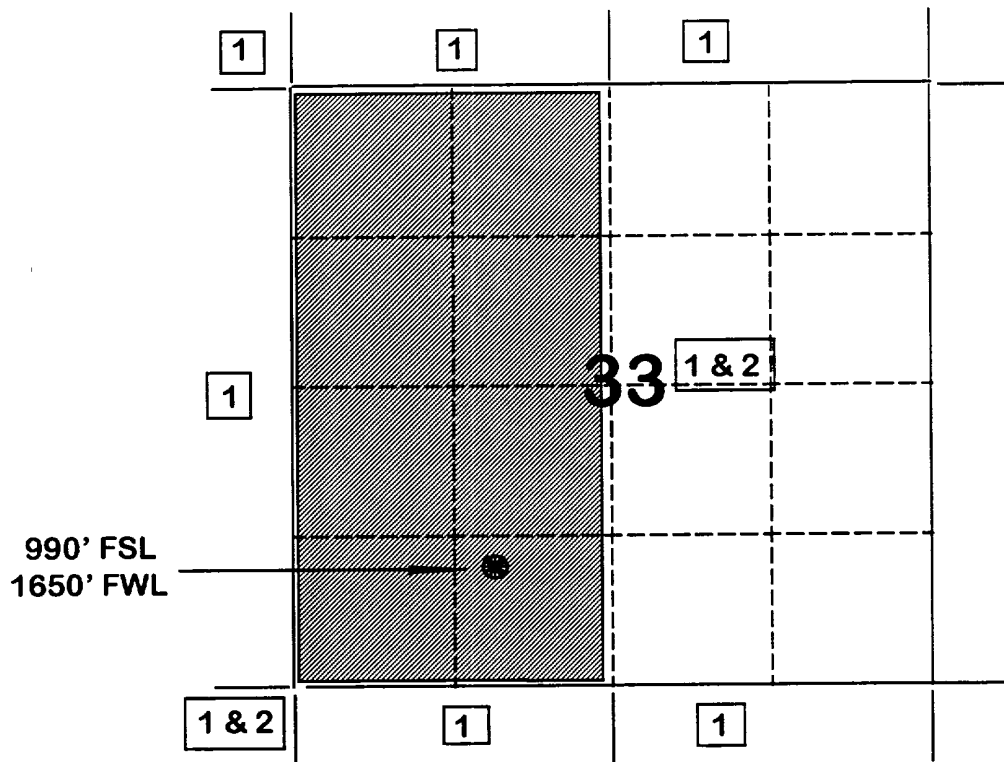
*BURLINGTON RESOURCES OIL AND GAS COMPANY*

## **CULPEPPER MARTIN SRC #3**

**OFFSET OPERATOR \ OWNER PLAT**

**Mesaverde/Dakota Formations Commingle Well**

**Township 32 North, Range 12 West**



- 1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.
- 2) Amoco Production Company  
Bruce Zimney  
P.O. Box 800  
Denver, CO 80201

**FLOWING AND STATIC BHP  
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

|                                |        |
|--------------------------------|--------|
| GAS GRAVITY                    | 0.7    |
| COND. OR MISC. (C/M)           | C      |
| %N2                            | 0.26   |
| %CO2                           | 0.72   |
| %H2S                           | 0      |
| DIAMETER (IN)                  | 2.5    |
| DEPTH (FT)                     | 4996   |
| SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 150    |
| FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 1084   |
| BOTTOMHOLE PRESSURE (PSIA)     | 1247.5 |

CULPEPPER MARTIN SRC #3 MESAVERDE - (ORIGINAL )

**FLOWING AND STATIC BHP  
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

|                                |       |
|--------------------------------|-------|
| GAS GRAVITY                    | 0.7   |
| COND. OR MISC. (C/M)           | C     |
| %N2                            | 0.26  |
| %CO2                           | 0.72  |
| %H2S                           | 0     |
| DIAMETER (IN)                  | 2.5   |
| DEPTH (FT)                     | 4996  |
| SURFACE TEMPERATURE (DEG F)    | 60    |
| BOTTOMHOLE TEMPERATURE (DEG F) | 150   |
| FLOWRATE (MCFPD)               | 0     |
| SURFACE PRESSURE (PSIA)        | 617   |
| BOTTOMHOLE PRESSURE (PSIA)     | 702.3 |

CULPEPPER MARTIN SRC #3 MESAVERDE - (CURRENT)

Organize Data ScreenGraph Economics Report Plot Utility Quit  
 Browsing: CULPEPPER MARTIN (MV) | 3 | 10664-1 Property No.: 5  
 Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 1/18/467  
 Item: 12/32/33 Name: GAS\_RATE Type: Numeric Len: 8/197/203 Dec: 0

| GAS RATE   | WTR RATE   | WHT | M FWHP- | M FBHP- | M SIWHP | M SIBHP | C FWHP-    | C FBHP-    |   |
|------------|------------|-----|---------|---------|---------|---------|------------|------------|---|
| ██████████ | ██████████ | ██  | ██Psi██ | ██Psi██ | ██Psi██ | ██Psi██ | ██████████ | ██████████ |   |
| «          | 0          |     | 0.0     |         | 1084.0  | 1234.0  |            |            | » |
| «          | 0          |     | 476.0   |         | 559.0   | 630.0   |            |            | » |
| «          | 0          |     | 417.0   |         | 559.0   | 630.0   |            |            | » |
| «          | 0          |     | 393.0   |         | 446.0   | 501.0   |            |            | » |
| «          | 0          |     | 393.0   |         | 523.0   | 589.0   |            |            | » |
| «          | 0          |     | 334.0   |         | 521.0   | 586.0   |            |            | » |
| «          |            |     | 334.0   |         | 521.0   | 586.0   |            |            | » |
| «          | 0          |     | 334.0   |         | 521.0   | 586.0   |            |            | » |
| «          | 0          |     | 372.0   |         | 459.0   | 516.0   |            |            | » |
| «          | 0          |     | 362.0   |         | 497.0   | 559.0   |            |            | » |
| «          | 0          |     | 442.0   |         | 456.0   | 513.0   |            |            | » |
| «          | 0          |     | 375.0   |         | 454.0   | 510.0   |            |            | » |
| «          | 0          |     | 402.0   |         | 501.0   | 564.0   |            |            | » |
| «          | 0          |     | 429.0   |         | 514.0   | 579.0   |            |            | » |
| «          | 0          |     | 312.0   |         | 453.0   | 509.0   |            |            | » |

▼  
 F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table  
 F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

Organize Data ScreenGraph Economics Report Plot Utility Quit  
 Browsing: CULPEPPER MARTIN (MV) | 3 | 10664-1 Property No.: 5  
 Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 18/18/467  
 Item: 12/32/33 Name: GAS\_RATE Type: Numeric Len: 8/197/203 Dec: 0

|   | GAS RATE | WTR RATE | WHT | M FWHP- | M FBHP- | M SIWHP | M SIBHP | C FWHP- | C FBHP- |   |
|---|----------|----------|-----|---------|---------|---------|---------|---------|---------|---|
|   |          |          |     | Psi     | Psi     | Psi     | Psi     |         |         |   |
| ▲ |          |          |     |         |         |         |         |         |         | ▲ |
| « |          | 0        |     | 393.0   |         | 446.0   | 501.0   |         |         | » |
| « |          | 0        |     | 393.0   |         | 523.0   | 589.0   |         |         | » |
| « |          | 0        |     | 334.0   |         | 521.0   | 586.0   |         |         | » |
| « |          |          |     | 334.0   |         | 521.0   | 586.0   |         |         | » |
| « |          | 0        |     | 334.0   |         | 521.0   | 586.0   |         |         | » |
| « |          | 0        |     | 372.0   |         | 459.0   | 516.0   |         |         | » |
| « |          | 0        |     | 362.0   |         | 497.0   | 559.0   |         |         | » |
| « |          | 0        |     | 442.0   |         | 456.0   | 513.0   |         |         | » |
| « |          | 0        |     | 375.0   |         | 454.0   | 510.0   |         |         | » |
| « |          | 0        |     | 402.0   |         | 501.0   | 564.0   |         |         | » |
| « |          | 0        |     | 429.0   |         | 514.0   | 579.0   |         |         | » |
| « |          | 0        |     | 312.0   |         | 453.0   | 509.0   |         |         | » |
| « |          |          |     |         |         | 515.0   |         |         |         | » |
| « |          | 0        |     | 392.0   |         | 527.0   | 593.0   |         |         | » |
| « |          | 0        |     | 342.0   |         | 617.0   | 696.0   |         |         | » |

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table  
 Job #8824 is spooled to Laser8@OPRENG@FAR.

**FLOWING AND STATIC BHP  
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

|                                |        |
|--------------------------------|--------|
| GAS GRAVITY                    | 0.69   |
| COND. OR MISC. (C/M)           | C      |
| %N2                            | 0.24   |
| %CO2                           | 1.45   |
| %H2S                           | 0      |
| DIAMETER (IN)                  | 2.5    |
| DEPTH (FT)                     | 7036   |
| SURFACE TEMPERATURE (DEG F)    | 60     |
| BOTTOMHOLE TEMPERATURE (DEG F) | 200    |
| FLOWRATE (MCFPD)               | 0      |
| SURFACE PRESSURE (PSIA)        | 1591   |
| BOTTOMHOLE PRESSURE (PSIA)     | 1926.2 |

CULPEPPER MARTIN SRC #3 DAKOTA - (ORIGINAL )

**FLOWING AND STATIC BHP  
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

|                                |       |
|--------------------------------|-------|
| GAS GRAVITY                    | 0.69  |
| COND. OR MISC. (C/M)           | C     |
| %N2                            | 0.24  |
| %CO2                           | 1.45  |
| %H2S                           | 0     |
| DIAMETER (IN)                  | 2.5   |
| DEPTH (FT)                     | 7036  |
| SURFACE TEMPERATURE (DEG F)    | 60    |
| BOTTOMHOLE TEMPERATURE (DEG F) | 200   |
| FLOWRATE (MCFPD)               | 0     |
| SURFACE PRESSURE (PSIA)        | 791   |
| BOTTOMHOLE PRESSURE (PSIA)     | 941.6 |

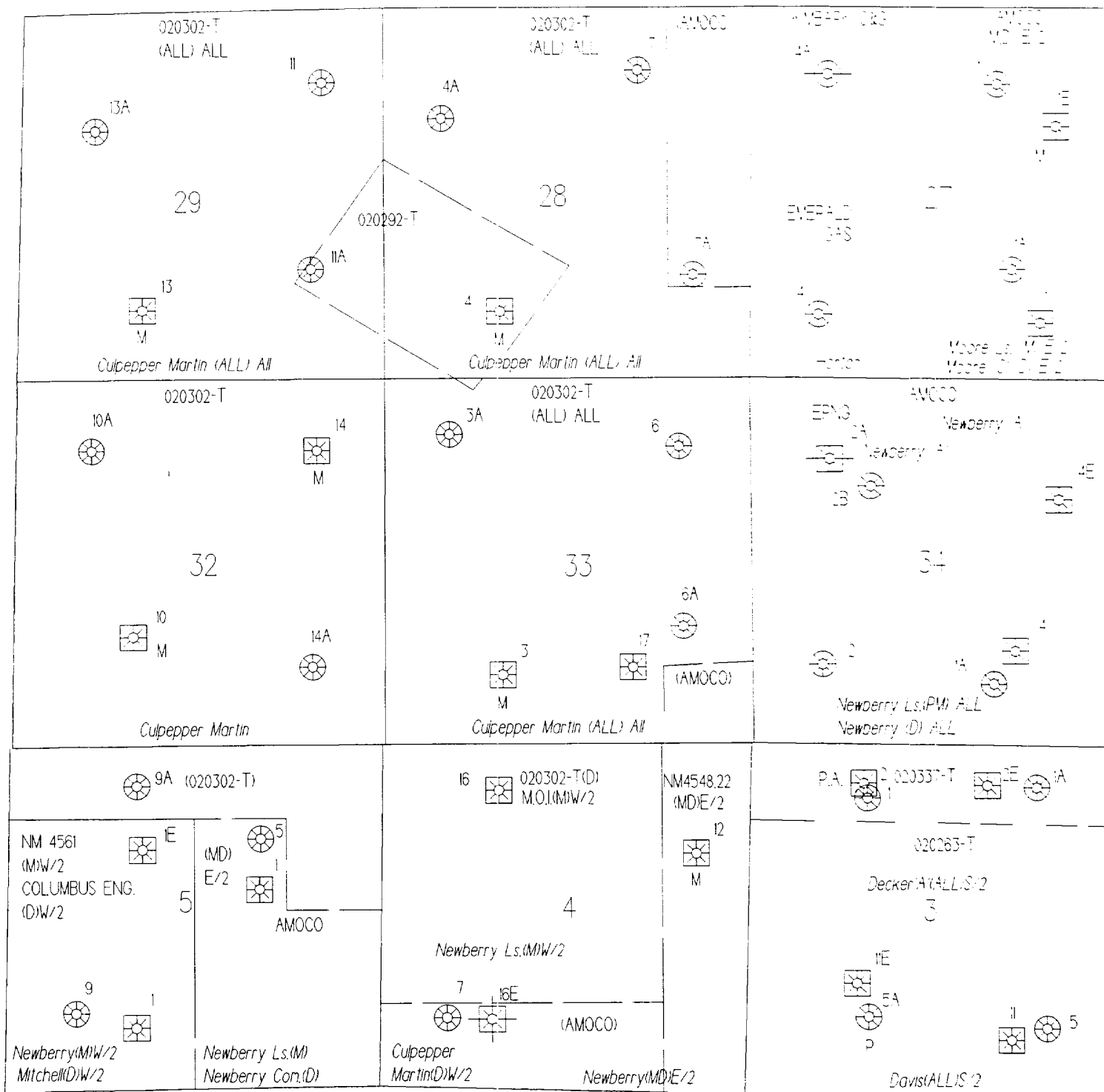
CULPEPPER MARTIN SRC #3 DAKOTA - (CURRENT )

Organize Data ScreenGraph Economics Report Plot Utility Quit  
 Browsing: CULPEPPER MARTIN (DK) | 3 | 10665-1 Property No.: 6  
 Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 12/12/467  
 Item: 12/32/33 Name: GAS\_RATE Type: Numeric Len: 8/197/203 Dec: 0

| GAS RATE   | WTR RATE   | WHT  | M FWHP- | M FBHP- | M SIWHP | M SIBHP | C FWHP-    | C FBHP-    |   |
|------------|------------|------|---------|---------|---------|---------|------------|------------|---|
| ██████████ | ██████████ | ████ | ██Psi██ | ██Psi██ | ██Psi██ | ██Psi██ | ██████████ | ██████████ |   |
| «          | 0          |      | 0.0     |         | 1591.0  | 1916.0  |            |            | » |
| «          | 0          |      | 0.0     |         | 0.0     | 0.0     |            |            | » |
| «          | 0          |      | 466.0   |         | 520.0   | 612.0   |            |            | » |
| «          | 0          |      | 466.0   |         | 520.0   | 612.0   |            |            | » |
| «          | 0          |      | 408.0   |         | 861.0   | 1022.0  |            |            | » |
| «          | 0          |      | 321.0   |         | 965.0   | 1148.0  |            |            | » |
| «          | 0          |      | 312.0   |         | 780.0   | 924.0   |            |            | » |
| «          | 0          |      | 439.0   |         | 644.0   | 760.0   |            |            | » |
| «          | 0          |      | 434.0   |         | 947.0   | 1126.0  |            |            | » |
| «          | 0          |      | 432.0   |         | 905.0   | 1075.0  |            |            | » |
| «          | 0          |      | 362.0   |         | 909.0   | 1080.0  |            |            | » |
| «          | 0          |      | 317.0   |         | 791.0   | 937.0   |            |            | » |

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table  
 F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

# CULPEPPER MARTIN #3 BLANCO MESA VERDE BASIN, DAKOTA SECTION 33. T32N, R12E



## PRODUCTION ALLOCATION FORMULA METHOD

Culpepper Martin #3  
(Mesaverde/Dakota) Commingle  
Unit N, SW/4, 33-T32N-R12W  
San Juan County, New Mexico

### Allocation Formula Method:

Current Production from Mesaverde formation = 70 MCFD

Current Production from Dakota formation = 19 MCFD

$$\frac{[(MV \& DK) 89 \text{ MCFD} - (MV) 70 \text{ MCFD}]}{(MV \& DK) 89 \text{ MCFD}} = (DK) \% \text{ Dakota 21\%}$$

$$\frac{[(MV \& DK) 89 \text{ MCFD} - (DK) 19 \text{ MCFD}]}{(MV \& DK) 89 \text{ MCFD}} = (MV) \% \text{ Mesaverde 79\%}$$