



DISTRICT I  
P O Box 1980, Hobbs, NM 88241 1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

DISTRICT II  
811 South I First St. Artesia NM 88210 2835

**OIL CONSERVATION DIVISION**

APPROVAL PROCESS:  
 Administrative  Hearing

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410 1693

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

EXISTING WELLBORE  
 YES  NO

**APPLICATION FOR DOWNHOLE COMMINGLING**

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease Meyer B 4 Well No #32 Unit Ltr Sec Twp Rge Section 4, T-21-S, R-36-E, P County Lea

OGRID NO. 005073 Property Code \_\_\_\_\_ API NO. 30-025-34270 Spacing Unit Lease Types: (check 1 or more)  
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   | Oil Center; Blinetry<br>47960                              |                   | Hardy Tubb Drinkard<br>29760             |
| 2. TOP and Bottom of Pay Section (Perforations)  | 5898-6243'   |                   | 6620-6744'                               |
| 3. Type of production (Oil or Gas)   | Oil  |                   | Oil                                      |
| 4. Method of Production (Flowing or Artificial Lift)   | Artificial Lift  |                   | Artificial Lift                          |
| 5. Bottomhole Pressure<br>Oil Zones - Artificial Lift:<br>Gas & Oil - Flowing:<br>All Gas Zones:<br>Estimated Or Measured Original   | a (Current)<br>450   | a.                | a.<br>1200                               |
|  | b(Original)<br>2300  | b.                | b.<br>2500                               |
| 6. Oil Gravity (°API) or Gas BT Content  | 44   |                   |  |
| 7. Producing or Shut-In?   | To Be Completed  |                   | Producing                                |
| Production Marginal? (yes or no)   | Yes (Expected)   |                   | Yes                                      |
| • If Shut-In give date and oil/gas/water rates of last production<br><br>Note For new zones with no production history applicant should be required to attach production estimates and supporting data<br><br>• If Producing, date and oil/gas/water rates of recent test (within 60 days) | Date Rates   | Date Rates        | Date Rates                               |
|  | To be allocated by Subtraction Method - See Attached table | Date Rates        | 5/4/98<br>52 BOPD, 107 BWPD,<br>107 MCFD |
| 8. Fixed Percentage Allocation Formula - % for each zone   | oil: % Gas %   | oil: % Gas %      | Oil: % Gas %                             |

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

10. Are all working, overriding, and royalty interests identical in all commingled zones?  Yes  No  
If not, have all working, overriding, and royalty interests been notified by certified mail?  Yes  No  
Have all offset operators been given written notice of the proposed downhole commingling?  Yes  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 others  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). \_\_\_\_\_

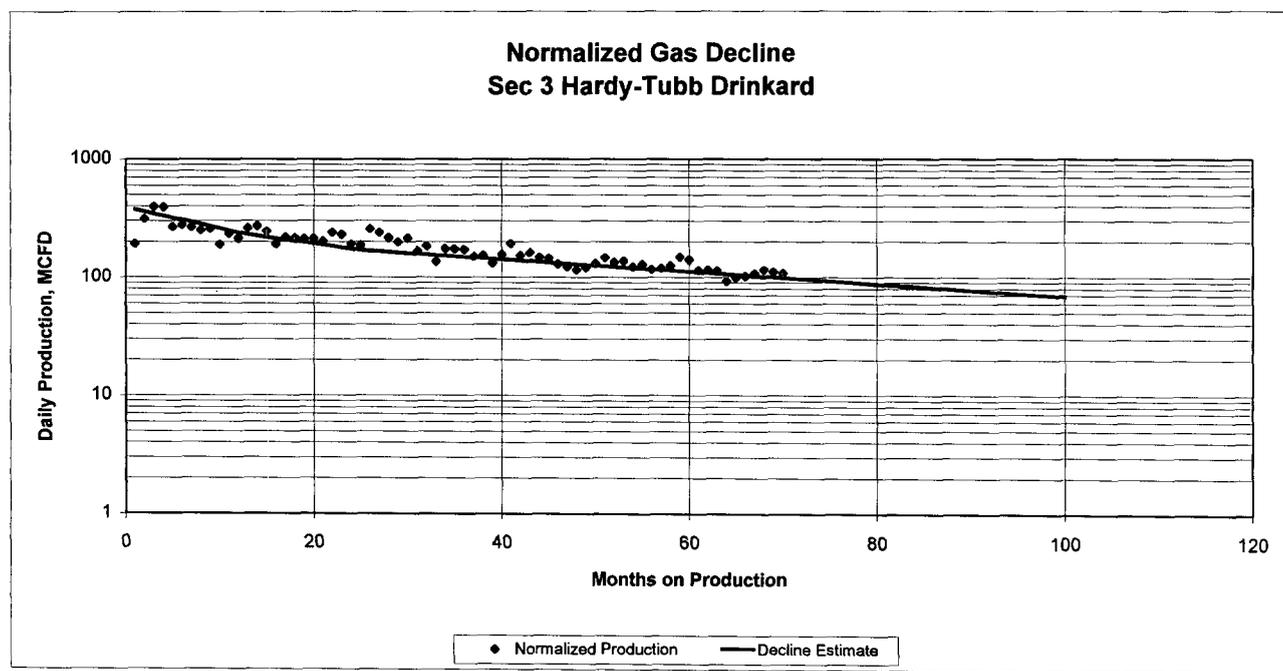
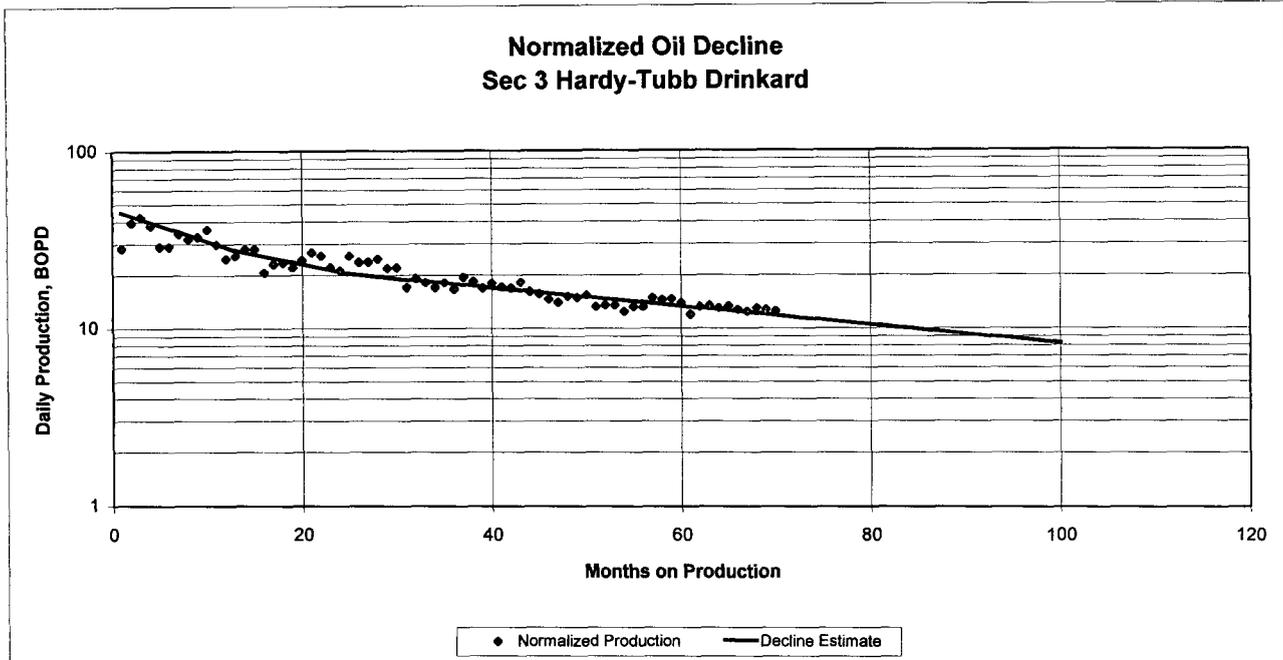
16. ATTACHMENTS
- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
  - \* Production curve for each zone for at least one year. (If not available, attach explanation.)
  - \* For zones with no production history, estimated production rates and supporting data.
  - \* 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.

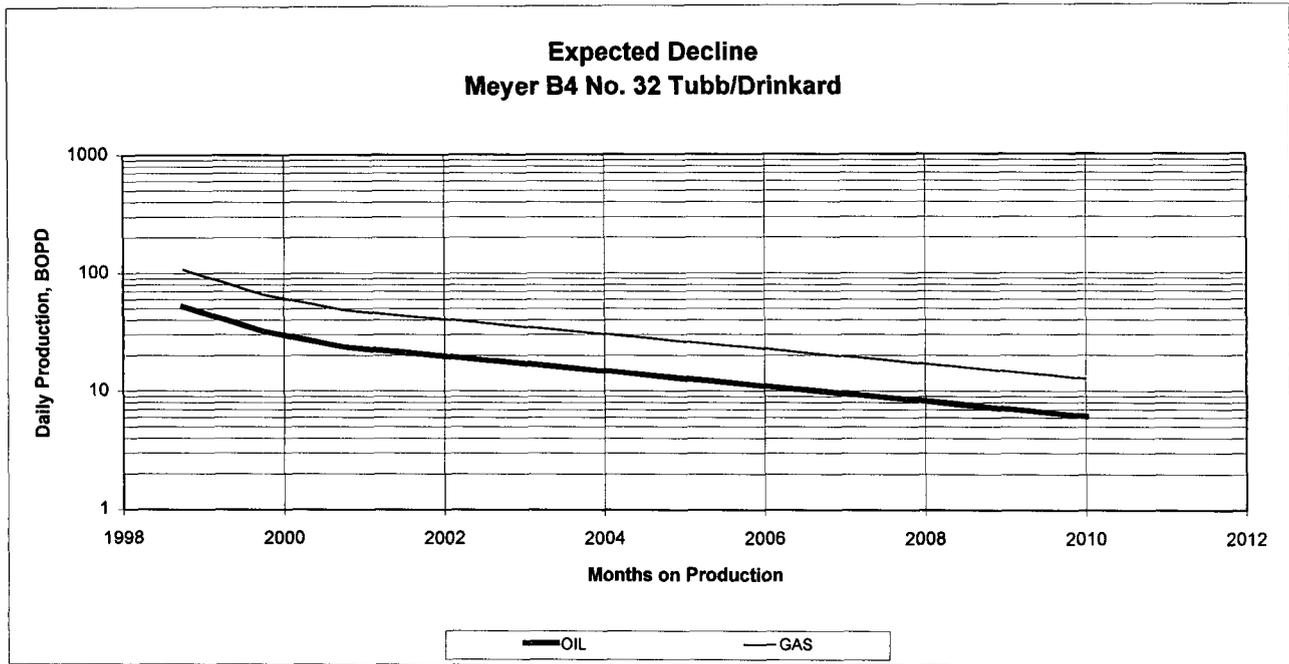
SIGNATURE Kay Maddox TITLE Regulatory Agent DATE June 25, 1998

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

Meyer B4 No. 32: Typical Declines of Tubb/Drinkard Offsets (9 wells)



**DATA FOR SUBTRACTION METHOD: Based on Normalized Decline of Offsets**



| YEAR | MID-YEAR<br>AVG MCFD | MID-YEAR<br>AVE BOPD |
|------|----------------------|----------------------|
| 1998 | 107.00               | 52.00                |
| 1999 | 74.00                | 36.00                |
| 2000 | 52.00                | 25.00                |
| 2001 | 43.00                | 21.00                |
| 2002 | 38.00                | 18.00                |
| 2003 | 32.00                | 16.00                |
| 2004 | 28.00                | 14.00                |
| 2005 | 24.00                | 12.00                |
| 2006 | 21.00                | 10.00                |
| 2007 | 18.00                | 9.00                 |
| 2008 | 16.00                | 8.00                 |
| 2009 | 14.00                | 7.00                 |
| 2010 | 12.00                | 6.00                 |

Based on Effective Monthly Decline of 4% for the first year, 2.5% the second year, and 1.2% for remainder

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

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

OIL CONSERVATION DIVISION

instructions on back

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088

Submit to Appropriate District Office

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

Santa Fe, NM 87504-2088

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                              |  |   |  |                                    |                      |
|------------------------------|--|---|--|------------------------------------|----------------------|
| 1 API Number<br>30-025-34270 |  | 2 Pool Code<br>47960  |  | 3 Pool Name<br>Oil Center Blinebry |                      |
| 4 Property Code              |  | 5 Property Name<br>Meyer B 4  |  |                                    | 6 Well Number<br>#32 |
| 7 OGRID No.<br>005073        |  | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 |  |                                    | 9 Elevation<br>3588  |

10 Surface Location

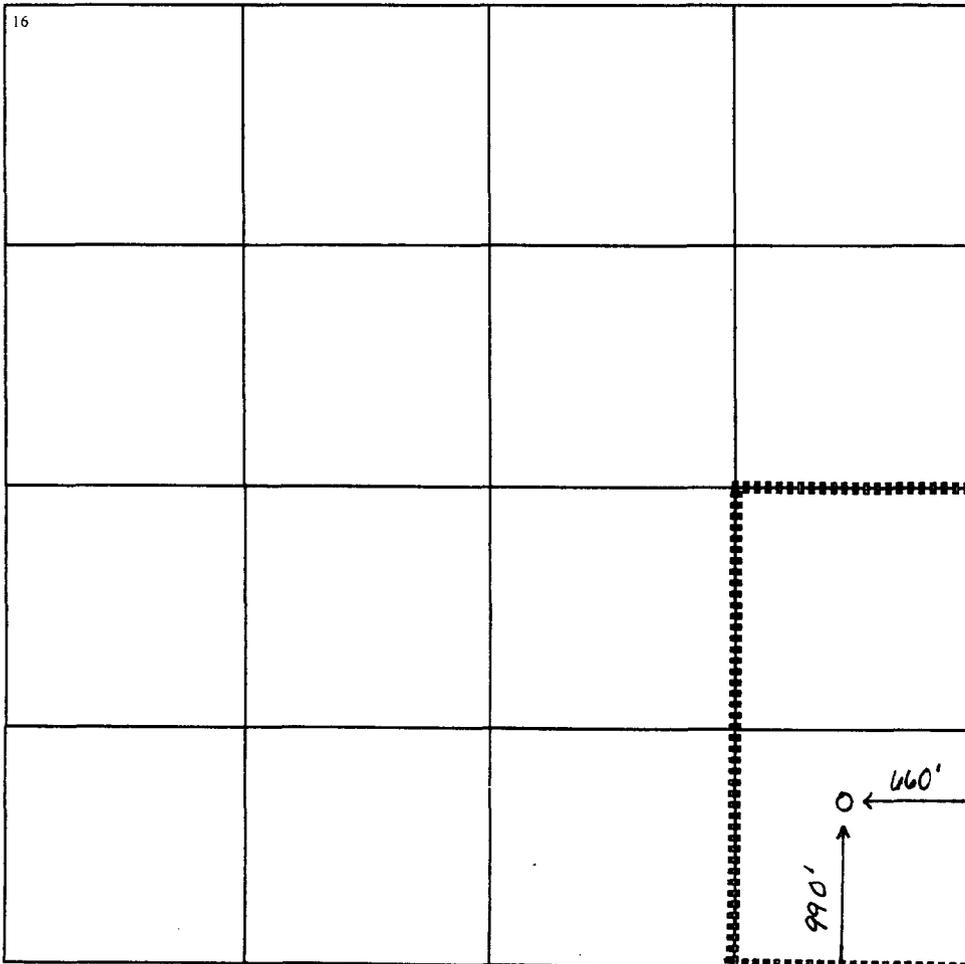
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 4       | 21S      | 36E   |         | 990           | South            | 660           | East           | Lea    |

11 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                          |                    |                       |              |
|--------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>80 | 13 Joint or Infill | 14 Consolidation Code | 15 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



17 OPERATOR CERTIFICATION

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

*Kay Maddox*

Signature  
Kay Maddox

Printed Name  
Regulatory Agent

Title  
June 25, 1998

Date

18 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.

Date of Survey  
Signature and Seal of Professional Surveyor:

Certificate Number

Jobbs, NM 88241-1980  
 DD, Artesia, NM 88211-0719  
 Rio Brazos Rd., Aztec, NM 87410  
 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-102  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |  |                            |  |                          |  |
|----------------------------|--|----------------------------|--|--------------------------|--|
| <sup>1</sup> API Number    |  | <sup>2</sup> Pool Code     |  | <sup>3</sup> Pool Name   |  |
|                            |  | 29760                      |  | Hardy Tubb/Drinkard Pool |  |
| <sup>4</sup> Property Code |  | <sup>5</sup> Property Name |  | <sup>6</sup> Well Number |  |
| 003061                     |  | MEYER B-4                  |  | 32                       |  |
| <sup>7</sup> OGRID No.     |  | <sup>8</sup> Operator Name |  | <sup>9</sup> Elevation   |  |
| 005073                     |  | CONOCO INC.                |  | 3588'                    |  |

<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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1 X           | 4       | 21-S     | 36-E  |         | 990           | SOUTH            | 660           | EAST           | LEA    |

<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 | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
| 40                            |                               |                                  |                         |

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>16</sup><br> | <sup>17</sup> OPERATOR CERTIFICATION<br><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i><br><br>Signature<br>Mike L. Mankin<br>Printed Name<br>Right of Way Agent<br>Title<br>12/11/97<br>Date  |  |  |  |
|                   | <sup>18</sup> SURVEYOR CERTIFICATION<br><i>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 best of my belief.</i><br>NOVEMBER 21, 1997<br>Date of Survey<br>Signature and Seal of the Surveyor:<br><br>Certificate Number 8278 |  |  |  |
|                   | LAT. = 32° 30' 12"<br>LONG. = 103° 15' 48"<br>XXXXXXXXXXXXXXXXXXXX<br>660'<br>990'<br>XXXXXXXXXXXXXXXXXXXX  |  |  |  |
|                   |   |  |  |  |
|                   |   |  |  |  |

Meyer B4 #32  
Section 4, T-21-S, R-36-E, P  
API # 30-025-34270  
Lea County, New Mexico

RE: Application to Downhole Commingle

**OFFSET OPERATORS:**

Me-Tex Oil & Gas Inc.  
PO Box 2070  
Hobbs, New Mexico 88240-2070

Chevron USA Inc  
935 Gravier St  
New Orleans, LA 70112-1625

Exxon Exploration  
233 Ben Mar  
Houston, Tx 77060-2544

Oryx Energy Co  
PO Box 2880  
Dallas, TX 75221-2880

A copy of the C-107 A - Downhole Commingle Application was sent to the above listed parties on this the 25<sup>th</sup> day of June, 1998.

# Meyer B4 No. 32 DHC: Offset Operators

T21S-R36E

|  |                  |    |                        |
|--|------------------|----|------------------------|
|  | CONOCO<br><br>4  |    | 3<br>METEX<br><br>ORYX |
|  | CHEVRON<br><br>9 | 32 | EXXON<br><br>10        |