

|                 |             |             |    |               |                |
|-----------------|-------------|-------------|----|---------------|----------------|
| DATE IN 6/28/02 | SUSPENSE NA | ENGINEER WJ | KW | LOGGED BY DHC | TYPE 218253436 |
|-----------------|-------------|-------------|----|---------------|----------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

#### Application Acronyms:

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

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

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

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

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

JUN 28 2002

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

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

[B] ☐ Offset Operators, Leaseholders or Surface Owner

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

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

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

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

[F] ☐ Waivers are Attached

#### [3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

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

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox

Print or Type Name

Signature

Regulatory Agent

Title

Date

6/26/02



Mid-Continent Region  
Exploration/Production

June 27, 2002

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

Mr. David Catanach  
New Mexico Oil Conservation Division  
1220 S. Francis Drive  
Santa Fe, New Mexico 87504

Application for Downhole Trimingle

Warren Unit # 148  
Section 25, T-20-S, R-38-E, M  
490' FSL & 400' FWL  
Lea County, New Mexico

Dear Mr. Catanach,

Please find attached the application to trimingle the Warren Unit # 148. Conoco tested two of the zones and then inadvertently pulled the plugs last week and combined all three zones. The Warren Tubb East reservoir was tested for 22 days, and the Blinbry Oil & Gas for 29 days, these two pools are pre-approved. By production tests and historical production of offset wells, the application details sufficient data to determine the allocation of production. The WI, ORR, and Royalty interest owners are the same for all three zones. Conoco is very aware that this well is currently out of compliance. If you decide that Conoco needs to shut this well in until you evaluate and process the attached application, please call me @ (915) 686-5798. Conoco apologizes for the premature commingling of production without a DHC order.

If you need any additional information please let me know immediately. Thank you!

Sincerely,

Kay Maddox  
Regulatory Agent - Conoco

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

State of New Mexico  
Energy, Minerals and Natural Resources Division

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

DISTRICT II  
811 Southl First St. Artesia NM 88210 2835

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-8429

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

APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Operator

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease

Warren Unit

#148

Section 25, T-20-S, R-38-E, M

Lea

Lease

Well No

Unit Ltr Sec Twp Rge

County

OGRID NO. 005073

Property Code 003127

API NO. 30-025-35772

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  | D-K Abo<br>15200                             | Warren Tubb East<br>87085   | Blinbry Oil & Gas<br>06660  |
| 2. TOP and Bottom of Pay Section (Perforation)  | 7406-7518'                                   | 6584-6766'  | 6026-6192'  |
| 3. Type of production (Oil or Gas)  | Oil  | Oil   | Oil   |
| 4. Method of Production (Flowing or Artificial Lift)  | Artificial Lift                              | Artificial Lift   | Artificial Lift   |
| 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   | a. (Current)<br>2800<br>b.(Original)<br>2800 | a.<br>2600<br>b.<br>2800  | a.<br>2000<br>b.<br>2100  |
| 6. Oil Gravity (*API) or Gas BT Content   | 38.2   | 39  | 39  |
| 7. Producing or Shut-In?  | Producing                                    | Producing   | Producing   |
| Production Marginal? (yes or no)  | No   | No  | No  |
| • If Shut-In give date 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.<br>• If Producing, date and oil/gas/water rates of recent test oil/gas/(within 60 days) | Date<br>Rates<br><br>Date<br>Rates           | Date<br>Rates<br>4-24-02<br>43 BOPD, 113 MCFGPD<br>28 BWPD<br>Date<br>Rates | Date<br>Rates<br>6-12-02<br>23 BOPD, 20 MCFGPD,<br>70 BWPD<br>Date<br>Rates |
| 8. Fixed Percentage Allocation Formula - % for each zone  | Subtraction<br>oil: % Gas %                  | Fixed allocation<br>oil: % Gas %  | Fixed Allocation<br>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. NMOC 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 uncommunitized interests.
- \* 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

Reg. Agent

6/26/02

TYPE OR PRINT NAME

KAY MADDOX

TELEPHONE NO.

(915)

686-5798

# Warren Unit #148

## Trimingle Application Discussion

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### Summary

The Warren Unit #148 is located 400' FWL and 490' FSL in Section 25 of T20S, R38E, Lea County, New Mexico. The well was drilled to a total depth of 7700' and completed in the D-K Abo, East Warren Tubb, and the Blinebry Oil and Gas pools. The working, net revenue, and royalty interest is the same for all three pools. The Abo was completed in March 2002 and swab tested for a day and a half. 73 bbls of oil were recovered during the swab test. The Abo was isolated with a retrievable bridge plug at 7,380' and the Tubb was completed in March 2002 and production tested for 22 days. A retrievable bridge plug was set at 6300' to isolate the Tubb interval and the Blinebry was completed in May 2002. The Blinebry was then production tested for 29 days. With these production tests and historical production of offset producers in the Blinebry and Tubb, we request approval of this trimingle application.

### Discussion

In the Warren Unit #148, the Tubb tested with an initial production rate of 102 BOPD and 114 MCFPD, with a peak rate of 125 BOPD and 141 MCFPD. At the end of the 22 day production test, oil production had declined to 43 BOPD. Please see attached production tests and production plot for the Tubb interval from 4/3/2002 to 4/24/2002.

The Blinebry, in the Warren Unit #148, tested with an initial production rate of 35 BOPD and 40 MCFPD, with a peak rate of 47 BOPD and 49 MCFPD. Production at the end of the 29 day test was 23 BOPD and 20 MCFPD. Please see attached production tests and production plot for the Blinebry interval from 5/16/2002 to 6/12/2002.

Offset production in the Tubb and Blinebry demonstrate similar declines in the first months of production (please see attached well location map). Two wells drilled in the northern portion of Section 25, the Warren Unit #144 and Warren Unit #145, are both completed in the East Warren Tubb pool. These wells are approximately  $\frac{3}{4}$  mile north of the Warren Unit #148 and are in the same East Warren Tubb pool that was completed and tested in the Warren Unit #148. First production from the #144 and #145 came on in July 1997. Both wells had a 65% annual decline during the first 12 months of production and then demonstrated a 25% annual decline rate after that one year period (please see attached production profiles for the Warren Unit #144 and Warren Unit #145). This 65% annual decline rate for the first year of production and then a stabilized annual decline rate of 25% after the initial year is what is expected from the Warren Unit #148. Another offset, the Warren Unit #146, was drilled and completed in the Warren Blinebry Tubb Oil and Gas pool in June 2001. It is located in Section 26, approximately  $\frac{1}{4}$  mile west of the Warren Unit #148. The #146 is completed in the Blinebry and Tubb. Pool rules of Section 26 allow the Blinebry and Tubb to be considered a single pool because the characteristics of both reservoirs are very similar. Since June 2001, the Tubb and Blinebry in the #146 have had a combined annual decline rate of 65% (please see attached production profile). This falls in line with has been seen in the East Warren Tubb wells in Section 24.

Based on the similar decline rates seen in the Warren Unit #s 144, 145, and 146, it is believed that the similarity of reservoir characteristics of the Tubb and Blinebry in Section 26 carry over into Section 25 and that the Warren Unit #148 will demonstrate declines similar to these wells. With this evidence, we request that a fixed production allocation be used for the East Warren Tubb and Blinebry Oil and Gas pools in the Warren Unit #148. An initial annual decline of 65% for the first year and an annual decline rate of 25% thereafter, for the remainder of the production from these two zones will be used (please see attached production schedule and future production plots for the remaining years). The D-K Abo pool production will be allocated using the subtraction method.

### Supporting Details

1. Warren Unit #148 East Warren Tubb pool production test
2. Warren Unit #148 East Warren Tubb pool production plot
3. Warren Unit #148 Blinebry Oil and Gas pool production test
4. Warren Unit #148 Blinebry Oil and Gas pool production plot
5. T20S-R38E Section 25 and Section 26 well location map
6. Warren Unit #144 East Warren Tubb pool production plot
7. Warren Unit #145 East Warren Tubb pool production plot
8. Warren Unit #146 Warren Blinebry Tubb Oil and Gas pool production plot
9. Warren Unit #148 East Warren Tubb and Blinebry Oil and Gas Fixed Allocation Production Schedule
10. Warren Unit #148 East Warren Tubb future production plot
11. Warren Unit #148 Blinebry Oil and Gas future production plot

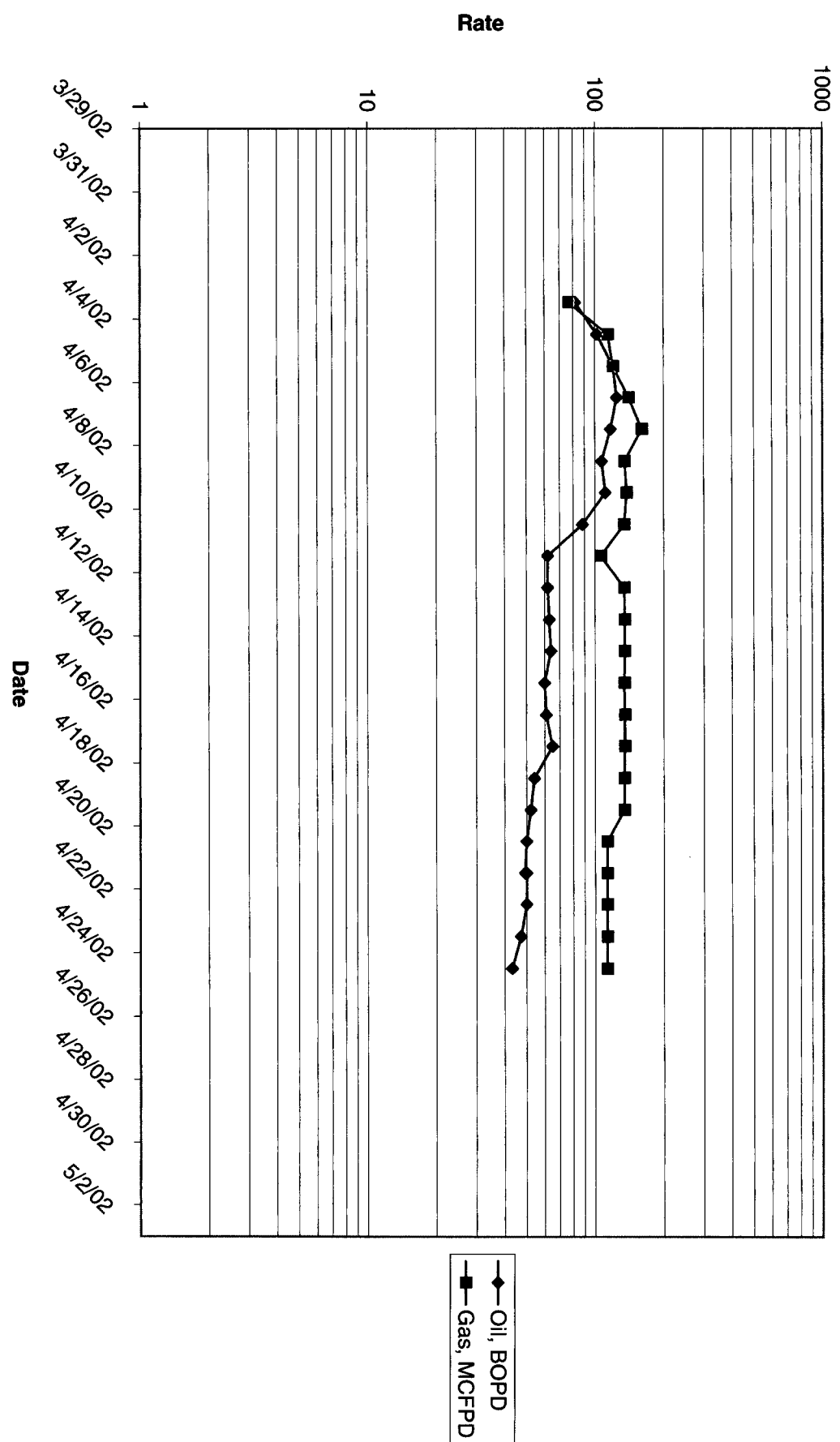
# MORNING REPORT

| LEASE Warren Unit #148                                 |                       |     |       | FORMATION Tubb |      |         |       |     |    |     |         |          |   |
|--|-----------------------|-----|-------|----------------|------|---------|-------|-----|----|-----|---------|----------|---|
| OIL CUMM   |                       |     |       |                | 1684 |         |       |     |    |     |         |          |   |
| GAS CUMM   |                       |     |       |                | 6196 |         |       |     |    |     |         |          |   |
| DAILY OIL ALLOWABLE                                    |                       |     |       |                | 0    | BBLS    |       |     |    |     |         |          |   |
| PRODUCING DAYS THIS MONTH                              |                       |     |       |                | 31   |         |       |     |    |     |         |          |   |
| ACCUMED ALLOWABLE                                      |                       |     |       |                | 0    |         |       |     |    |     |         |          |   |
| IF PRODUCTION IS '0' ENTER .001 FOR PRODUCTION NUMBERS |                       |     |       |                |      |         |       |     |    |     |         |          |   |
| 2002   | Mth-end<br>prod. Est. | OIL | WATER | WC             | GAS  | GOR     | SUBMG | Tp  | Cp | FLP | Delta X | Run Time | Remarks   |
| 3/28/2002  |                       |     |       |                |      |         | 5486  |     |    |     |         |          | Put on auto 100% @ 5 pm Did not put in test over the holiday week   |
| 3/29/2002  | 0                     |     |       | #DIV/0!        |      | #DIV/0! |       | 400 | 69 | 76  |         |          | Tagging raised 2"   |
| 3/30/2002  | 0                     |     |       |                |      |         |       | 250 | 65 | 75  |         |          | Tagging raised 4"   |
| 3/31/2002  | 0                     |     |       |                |      |         |       | 300 | 70 | 75  |         |          | Not pumping, lowered 2"   |
|  |                       |     |       |                |      |         |       |     |    |     |         |          | Put in test, Casing starting to head, Opened bypass on oil and wtr meters .(test line is 1" on oil dump and bypass is 2 ", wtr test line is 1' with bypass 3") When the casing headed the test separator hi-leveled and shut in the DG-3 valves om #146, #147, and #148. I will have a accurate gas measurment but not a oil and wtr count. I will find out how often it is heading by the chart and then can adjust the choke accordingly. |
| 4/1/2002   | 0                     |     |       |                | 125  |         |       | 300 | 76 | 75  |         |          |   |
| 4/2/2002   | 0                     |     |       |                | 93   |         |       | 300 | 76 | 75  |         |          | Headed twice, adjusted choke to 10/64 put oil & wtr meters back in s  |
| 4/3/2002   | 82                    | 82  | 20    | 20%            | 77   | 939     |       | 300 | 75 | 74  |         |          | will shoot FL today, Choke is set @ 11/64 It did not head during the  |
| 4/4/2002   | 102                   | 102 | 26    | 20%            | 114  | 1118    | 1346  | 300 | 78 | 75  |         |          | Running on auto 100% Casing did not head the last 24 hrs  |
| 4/5/2002   | 120                   | 120 |       |                | 120  | 1000    |       | 300 | 95 | 90  |         |          | Running 100% auto will shoot FL today   |
| 4/6/2002   | 125                   | 125 | 75    | 38%            | 141  | 1128    |       | 300 | 95 | 90  |         |          |   |
| 4/7/2002   | 117                   | 117 | 35    | 23%            | 161  | 1376    | 1485  | 300 | 95 | 90  |         |          |   |
| 4/8/2002   | 107                   | 107 | 28    | 21%            | 135  | 1262    |       | 300 | 95 | 90  |         |          |   |
| 4/9/2002   | 111                   | 111 | 40    | 26%            | 138  | 1243    |       | 300 | 95 | 90  |         |          |   |
| 4/10/2002  | 88                    | 88  | 65    | 42%            | 134  | 1523    | 805   | 280 | 95 | 90  |         |          | installed Delta-X, now on POC   |
| 4/11/2002  | 62                    | 62  | 30    | 33%            | 106  | 1710    |       | 280 | 90 | 85  |         | 100      | Down 5 hrs for POC installation and Power shut down to tie in Nava  |
| 4/12/2002  | 62                    | 62  | 32    | 34%            | 134  | 2161    |       | 280 | 90 | 85  |         | 100      |   |
| 4/13/2002  | 63                    | 63  | 35    | 36%            | 135  | 2143    |       | 280 | 90 | 85  |         | 85       |   |
| 4/14/2002  | 64                    | 64  | 30    | 32%            | 135  | 2109    |       | 280 | 90 | 85  |         | 76       |   |
| 4/15/2002  | 60                    | 60  | 32    | 35%            | 134  | 2233    |       | 280 | 90 | 85  |         | 78       |   |
| 4/16/2002  | 61                    | 61  | 34    | 36%            | 135  | 2213    | 124   | 280 | 90 | 85  |         | 76       |   |
| 4/17/2002  | 65                    | 65  | 52    | 44%            | 135  | 2077    | 99    | 200 | 85 | 80  |         | 67       | Verified Fluid level with a dyno. Card  |
| 4/18/2002  | 54                    | 54  | 52    | 49%            | 134  | 2481    |       | 200 | 85 | 80  |         | 65       |   |
| 4/19/2002  | 52                    | 52  | 41    | 44%            | 134  | 2577    |       | 200 | 85 | 80  |         | 64       |   |
| 4/20/2002  | 50                    | 50  | 38    | 43%            | 113  | 2260    |       | 180 | 80 | 75  |         |          |   |
| 4/21/2002  | 49                    | 49  | 38    | 44%            | 113  | 2306    |       | 180 | 80 | 75  |         |          |   |
| 4/21/2002  | 50                    | 50  | 38    | 43%            | 113  | 2260    |       | 180 | 80 | 75  |         | 52       |   |
| 4/22/2002  | 50                    | 50  | 38    | 43%            | 113  | 2260    |       | 150 | 80 | 75  |         | 51%      |   |
| 4/23/2002  | 47                    | 47  | 33    | 41%            | 113  | 2404    |       | 150 | 80 | 75  |         | 51%      |   |
| 4/24/2002  | 43                    | 43  | 28    | 39%            | 113  | 2628    |       | 90  | 90 | 85  |         | 50%      |   |
|  | 43                    |     |       |                |      |         |       |     |    |     |         |          |   |
|  | 43                    |     |       |                |      |         |       |     |    |     |         |          |   |
|  | 43                    |     |       |                |      |         |       |     |    |     |         |          |   |
|  |                       |     |       |                | 3098 |         |       |     |    |     |         |          |   |

Total

1813 This months produced oil at present production rates  
0 Allowable oil production for this month

Warren Unit #148  
Tubb Production Test



# MORNING REPORT

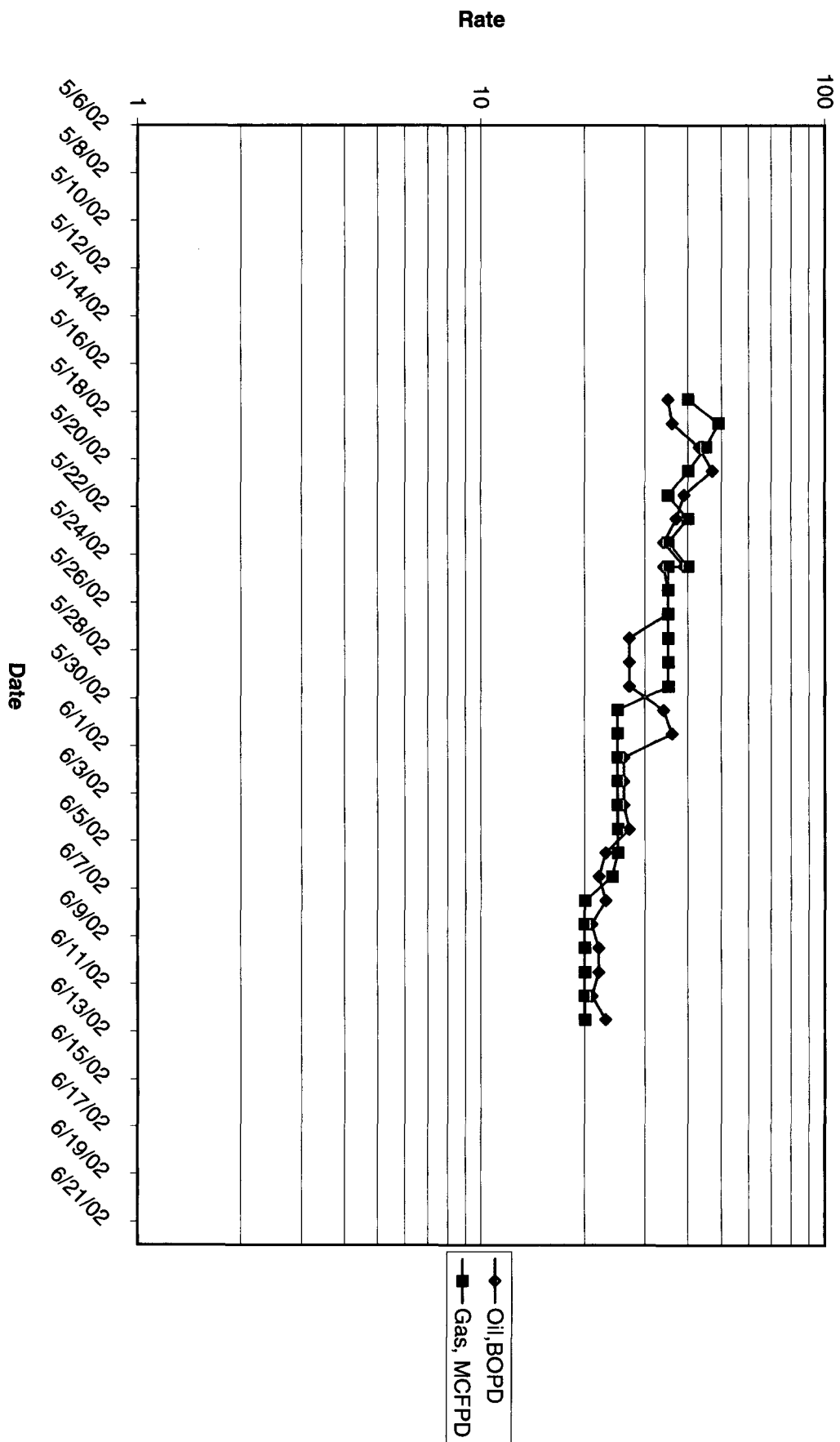
|  |      |  |                    |  |  |
|--|------|--|--------------------|--|--|
| LEASE Warren Unit #148 (BLINEBRY)                      |      |  | FORMATION Blinebry |  |  |
| OIL CUMM   | 860  |  |                    |  |  |
| GAS CUMM   | 1718 |  |                    |  |  |
| DAILY OIL ALLOWABLE                                    | 0    |  | BBLS               |  |  |
| PRODUCING DAYS THIS MONTH                              | 31   |  |                    |  |  |
| ACCUMED ALLOWABLE                                      | 0    |  |                    |  |  |
| IF PRODUCTION IS '0' ENTER .001 FOR PRODUCTION NUMBERS |      |  |                    |  |  |

| 2002      | Mth-end<br>prod. Est. | OIL | WATER | WC   | GAS | GOR     | SUBMG | Tp  | Cp | FLP | POC Run time | Load wtr to return |
|-----------|-----------------------|-----|-------|------|-----|---------|-------|-----|----|-----|--------------|--------------------|
|           | Mth-end prod. Est.    |     |       |      | 0   |         |       |     |    |     |              | 1500               |
| 5/14/2002 | -end prod.            | 0   | 150   | 100% | 0   | #DIV/0! | 4948  | 300 | 0  | 75  | on auto 100% | 1350               |
| 5/15/2002 | 1                     | 1   | 150   | 99%  | 0   |         |       | 350 | 66 | 75  | put on poc   | 1200               |
| 5/16/2002 | 12                    | 12  | 268   | 96%  | 6   | 500     | 2709  | 300 | 74 | 72  | 100%         | 932                |
| 5/17/2002 | 35                    | 35  | 189   | 84%  | 40  | 1143    |       | 300 | 78 | 75  | 100%         | 743                |
| 5/18/2002 | 36                    | 36  | 181   | 83%  | 49  | 1361    | 1270  | 340 | 80 | 75  | 100%         | 562                |
| 5/19/2002 | 43                    | 43  | 198   | 82%  | 45  | 1047    |       | 340 | 80 | 75  | 100%         | 364                |
| 5/20/2002 | 47                    | 47  | 199   | 81%  | 40  | 851     |       | 300 | 80 | 75  | 100%         | 165                |
| 5/21/2002 | 39                    | 39  | 165   | 81%  | 35  | 897     | 1321  | 275 | 80 | 75  | 100%         | 0                  |
| 5/22/2002 | 37                    | 37  | 173   | 82%  | 40  | 1081    | 1601  | 300 | 80 | 75  | 100%         |                    |
| 5/23/2002 | 34                    | 34  | 160   | 82%  | 35  | 1029    |       | 280 | 80 | 75  | 100%         |                    |
| 5/24/2002 | 39                    | 39  | 155   | 80%  | 40  | 1026    | 843   | 260 | 80 | 75  | 100%         |                    |
| 5/24/2002 | 34                    | 34  | 143   | 81%  | 35  | 1029    |       | 210 | 80 | 75  | 100%         |                    |
| 5/25/2002 | 35                    | 35  | 144   | 80%  | 35  | 1000    |       | 210 | 80 | 75  | 100%         |                    |
| 5/26/2002 | 35                    | 35  | 143   | 80%  | 35  | 1000    |       | 210 | 80 | 75  | 85%          |                    |
| 5/27/2002 | 27                    | 27  | 107   | 80%  | 35  | 1296    |       | 210 | 80 | 75  | 78%          |                    |
| 5/28/2002 | 27                    | 27  | 107   | 80%  | 35  | 1296    |       | 210 | 80 | 75  | 78%          |                    |
| 5/29/2002 | 27                    | 27  | 107   | 80%  | 35  | 1296    | 1037  | 210 | 80 | 75  | 78%          |                    |
| 5/30/2002 | 34                    | 34  | 120   | 78%  | 25  | 735     |       | 210 | 80 | 75  |              |                    |
| 5/31/2002 | 36                    | 36  | 110   | 75%  | 25  | 694     |       | 210 | 80 | 75  |              |                    |
| 6/1/2002  | 26                    | 26  | 92    | 78%  | 25  | 962     |       | 200 | 80 | 75  |              |                    |
| 6/2/2002  | 26                    | 26  | 92    | 78%  | 25  | 962     |       | 200 | 80 | 75  |              |                    |
| 6/3/2002  | 26                    | 26  | 92    | 78%  | 25  | 962     |       | 200 | 80 | 75  | 68%          |                    |
| 6/4/2002  | 27                    | 27  | 81    | 75%  | 25  | 926     |       | 200 | 80 | 75  |              |                    |
| 6/5/2002  | 23                    | 23  | 90    | 80%  | 25  | 1087    |       | 200 | 80 | 75  | 62%          |                    |
| 6/6/2002  | 22                    | 22  | 90    | 80%  | 24  | 1091    |       | 120 | 85 | 80  | 58%          |                    |
| 6/7/2002  | 23                    | 23  | 85    | 79%  | 20  | 870     |       | 120 | 85 | 80  | 57%          |                    |
| 6/8/2002  | 21                    | 21  | 84    | 80%  | 20  | 952     |       | 120 | 85 | 80  | 56%          |                    |
| 6/9/2002  | 22                    | 22  | 74    | 77%  | 20  | 909     |       | 120 | 80 | 75  | 56%          |                    |
| 6/10/2002 | 22                    | 22  | 71    | 76%  | 20  | 909     |       | 120 | 80 | 75  | 56%          |                    |
| 6/11/2002 | 21                    | 21  | 73    | 78%  | 20  | 952     |       | 110 | 80 | 75  | 56%          |                    |
| 6/12/2002 | 23                    | 23  | 70    | 75%  | 20  | 870     | 704   | 110 | 85 | 80  | 56%          | Well               |
|           |                       |     |       |      | 859 |         |       |     |    |     |              |                    |

Total

860 This months produced oil at present production rates  
0 Allowable oil production for this month

Warren Unit #148  
Blinebry Production Test





# PowerTools Map

Project: P:\Power tools\WU148.MDB

Date: 6/24/2002  
Time: 1:53 PM

## Summary Lease Report

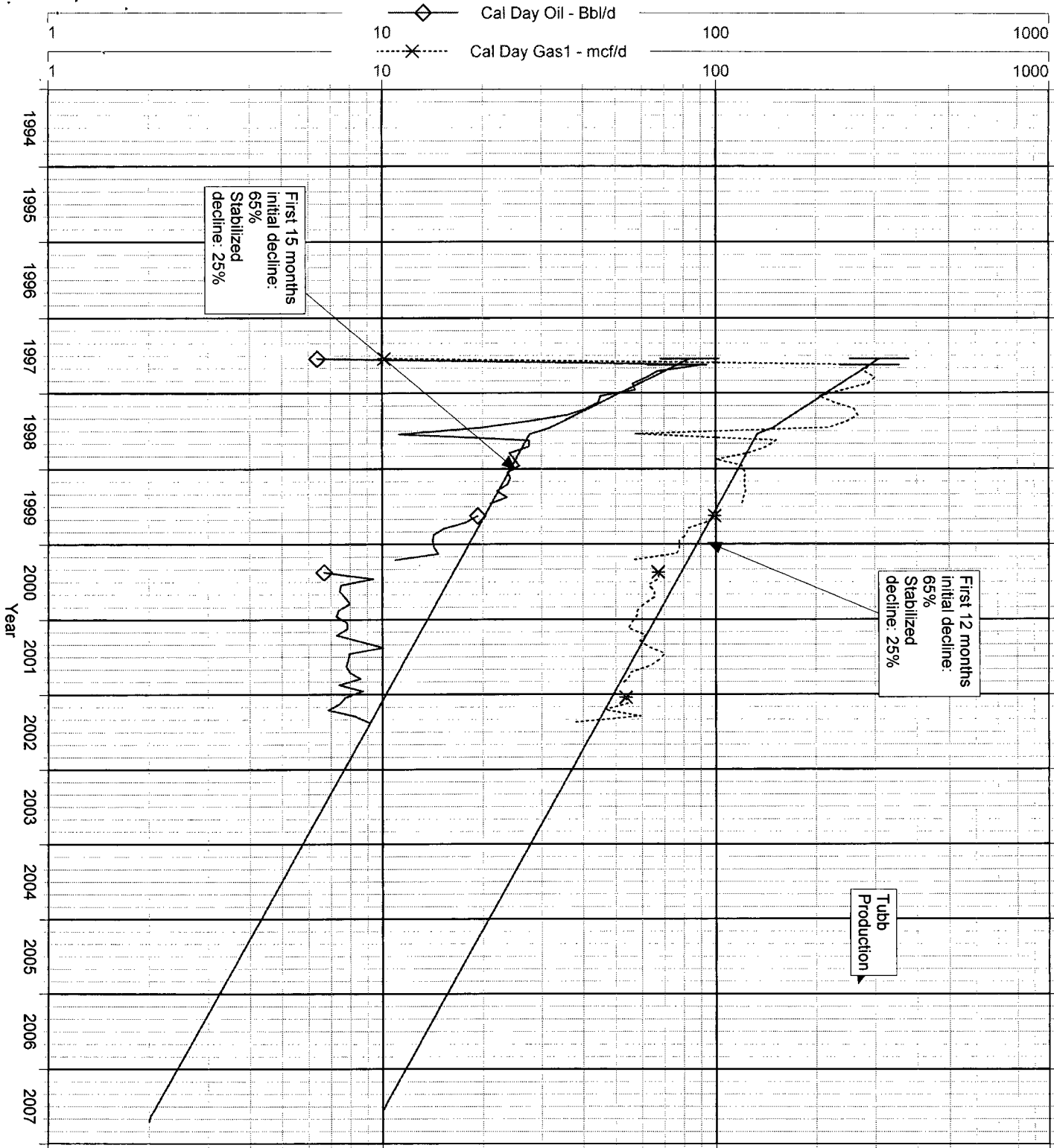
|   |  |  |  |  |
|---|--|--|--|--|
| <div>Warren Unit #144 and Warren Unit #145- East Warren Tubb<br/>Warren Unit #146- Warren Blinebry Tubb Oil and Gas<br/>Warren Unit #148- East Warren Tubb, Blinebry O&amp;G, D-K Abo</div> |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |
|   |  |  |  |  |

# WARREN\_UNIT\_144:XQN (1893036) Data: Jul.1997-May.2002

Operator: CONOCO INC  
Field: NEW MEXICO FEDERAL UNIT  
Zone: XQN  
Type: Oil  
Group: None

Initial decline (Rate-Time)  
qi: 80 Bbl/d, Aug, 1997  
qt: 2,00197 Bbl/d, Sep, 2007  
di(Exp): 65 CTD: 35.0526 MSTB  
RR: 8.98178 MSTB Tot: 44.0344 MSTB

Production Cums  
Oil: 35.0526 MSTB  
Gas: 192.442 MMSCF  
Water: 33.7439 MSTB  
Cond: 0 MSTB



◆ Cal Day Oil - Bbl/d

Cum: 35.0526 MSTB  
—\*— Initial decline - Bbl/d

versus time

qi: 80 Bbl/d, Aug, 1997

qt: 2,00197 Bbl/d, Sep, 2007

Di(Exponential): 65

RR: 8.98178 MSTB

EUR: 44.0344 MSTB

Corr coeff: N/A

---\*--- Cal Day Gas1 - mcf/d

Cum: 192.442 MMSCF

—+— Initial Decline - mcf/d

versus time

qi: 300 mcf/d, Aug, 1997

qt: 10,0681 mcf/d, Jul, 2007

Di(Exponential): 55

RR: 42.8516 MMSCF

EUR: 235.294 MMSCF

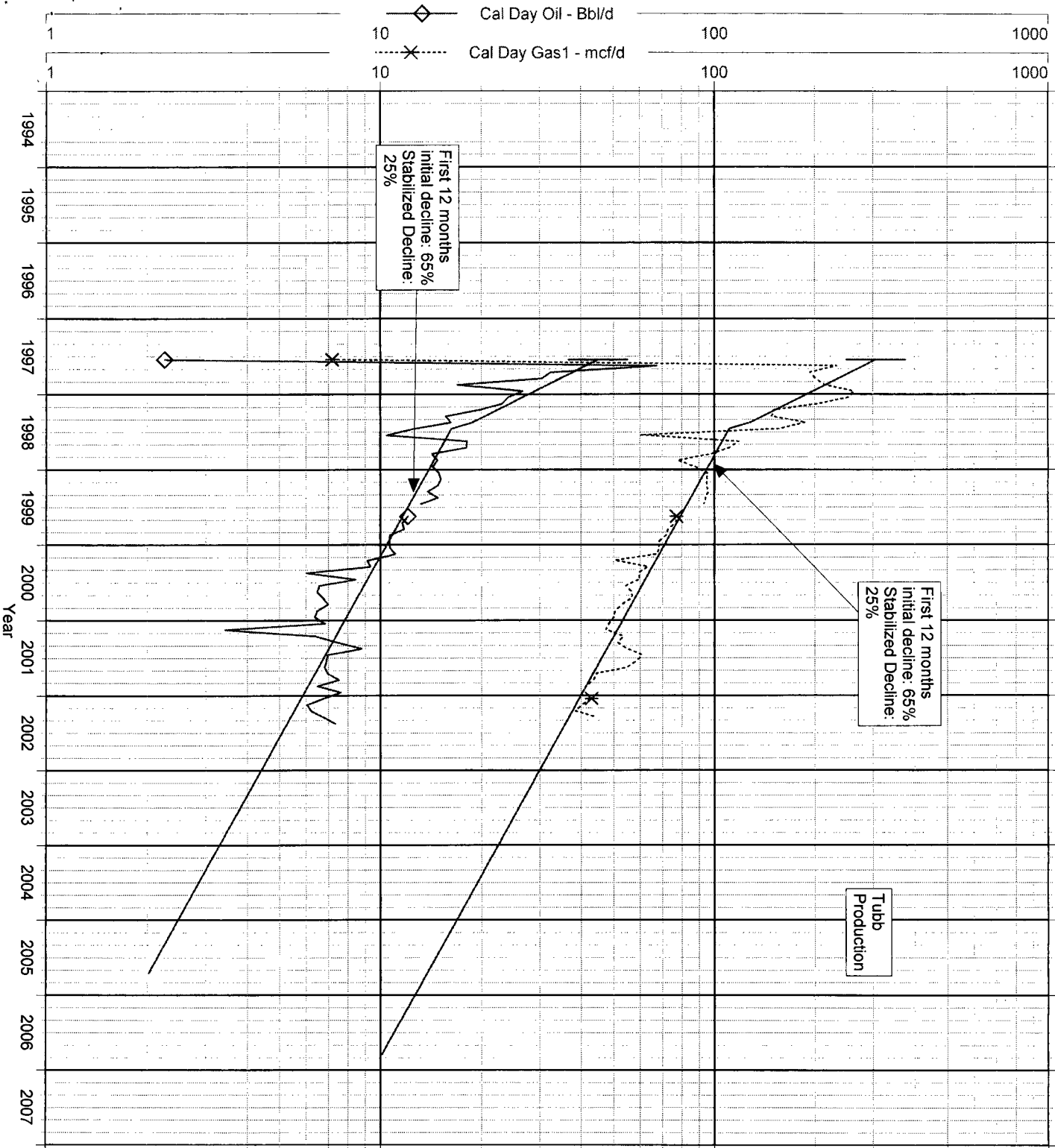
Corr coeff: N/A

# WARREN\_UNIT\_145:XQN (1893037) Data: Jul, 1997-May, 2002

Operator: CONOCO INC  
Field: NEW MEXICO FEDERAL UNIT  
Zone: XQN  
Type: Oil  
Group: None

Initial decline (Rate-Time)  
qi: 320 mcf/d, Jul, 1997  
qt: 10,0934 mcf/d, Oct, 2006  
di(Exp): 65 CTD: 155,692 MMSCF  
RR: 33,3879 MMSCF Tot: 189,08 MMSCF

Production Cums  
Oil: 22,248 MSTB  
Gas: 155,692 MMSCF  
Water: 43,183 MSTB  
Cond: 0 MSTB



Cal Day Oil - Bbl/d  
Cum: 22,248 MSTB

Initial Decline - Bbl/d  
versus time

qi: 47 Bbl/d, Jul, 1997  
qt: 2,02164 Bbl/d, Sep, 2005

Di(Exponential): 65

RR: 4,06901 MSTB

EUR: 26,317 MSTB

Corr coeff: -0.716532

Cum: 155,692 MMSCF

Cal Day Gas1 - mcf/d  
versus time

qi: 320 mcf/d, Jul, 1997  
qt: 10,0934 mcf/d, Oct, 2006

Di(Exponential): 65

RR: 33,3879 MMSCF

EUR: 189,08 MMSCF

Corr coeff: -0.649025

# WARREN\_UNIT\_146:BT (1994410) Data: Jan.2001-May.2002

Operator: CONOCO INC

Field: NEW MEXICO FEDERAL UNIT

Zone: YKQ

Type: Oil

Group: None

Initial Decline (Rate-Time)

qi: 25 Bbl/d, Jun, 2001

qt: 1.38121 Bbl/d, Mar, 2004

di(Exp): 65 CTD: 5.59693 MSTB

RR: 2.568 MSTB Tot: 8.16493 MSTB

Production Cums

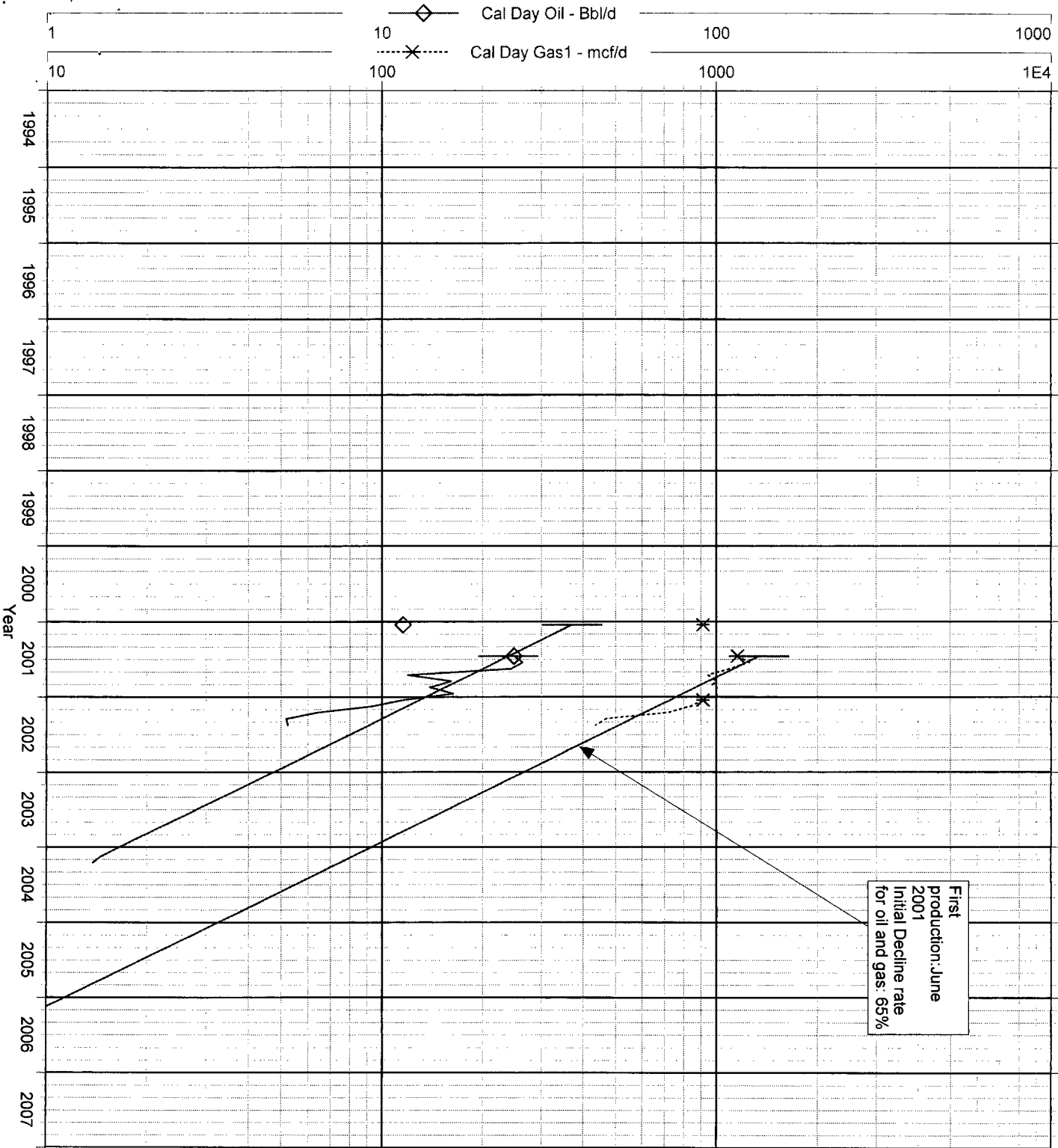
Oil: 5.59693 MSTB

Gas: 325.46 MMSCF

Water: 10.247 MSTB

Cond: 0 MSTB

First  
production: June  
2001  
Initial Decline rate  
for oil and gas: 65%



Cal Day Oil - Bbl/d

Cum: 5.59693 MSTB

Initial Decline - Bbl/d

versus time

qi: 25 Bbl/d, Jun, 2001

qt: 1.38121 Bbl/d, Mar, 2004

Di(Exponential): 65

RR: 2.568 MSTB

EUR: 8.16493 MSTB

Corr coeff: -0.696051

Cum: 325.46 MMSCF

Cal Day Gas1 - mcf/d

versus time

qi: 1400 mcf/d, Jun, 2001

qt: 1.38197 mcf/d, Jan, 2008

Di(Exponential): 65

RR: 170.003 MMSCF

EUR: 495.463 MMSCF

Corr coeff: -0.732224

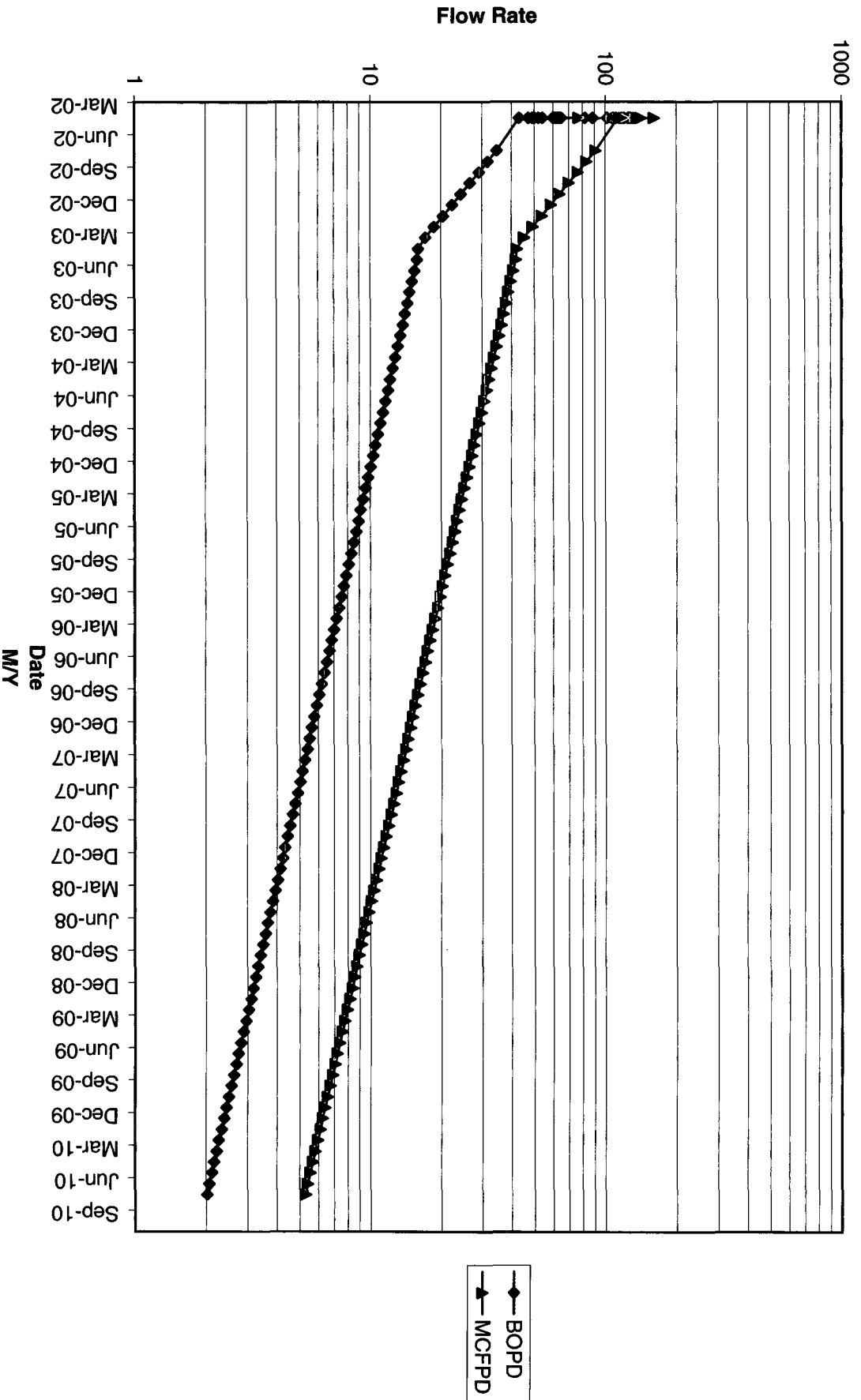
## Warren Unit #148 Production Schedule

| Date     | East Warren Tubb |              |               | Blinebry Oil and Gas |              |               | D-K Abo        |              |
|----------|------------------|--------------|---------------|----------------------|--------------|---------------|----------------|--------------|
|          | Oil<br>BOPD      | Gas<br>MCFPD | Water<br>BWPD | Oil<br>BOPD          | Gas<br>MCFPD | Water<br>BWPD | Oil<br>BOPD    | Gas<br>MCFPD |
| Jul 2002 | 37.72            | 99.13        | 24.56         | 20.18                | 17.55        | 61.41         | By subtraction |              |
| Aug 2002 | 34.56            | 90.83        | 22.51         | 18.49                | 16.08        | 56.27         | By subtraction |              |
| Sep 2002 | 31.67            | 83.22        | 20.62         | 16.94                | 14.73        | 51.55         | By subtraction |              |
| Oct 2002 | 29.02            | 76.25        | 18.89         | 15.52                | 13.5         | 47.23         | By subtraction |              |
| Nov 2002 | 26.59            | 69.86        | 17.31         | 14.22                | 12.37        | 43.28         | By subtraction |              |
| Dec 2002 | 24.36            | 64.01        | 15.86         | 13.03                | 11.33        | 39.65         | By subtraction |              |
| Jan 2003 | 22.32            | 58.65        | 14.53         | 11.94                | 10.38        | 36.33         | By subtraction |              |
| Feb 2003 | 20.45            | 53.74        | 13.32         | 10.94                | 9.51         | 33.29         | By subtraction |              |
| Mar 2003 | 18.74            | 49.23        | 12.2          | 10.02                | 8.71         | 30.5          | By subtraction |              |
| Apr 2003 | 17.17            | 45.11        | 11.18         | 9.18                 | 7.98         | 27.94         | By subtraction |              |
| May 2003 | 16               | 42.05        | 10.42         | 8.56                 | 7.44         | 26.05         | By subtraction |              |
| Jun 2003 | 15.85            | 41.66        | 10.32         | 8.48                 | 7.37         | 25.8          | By subtraction |              |
| Jul 2003 | 15.48            | 40.67        | 10.08         | 8.28                 | 7.2          | 25.19         | By subtraction |              |
| Aug 2003 | 15.11            | 39.71        | 9.84          | 8.08                 | 7.03         | 24.6          | By subtraction |              |
| Sep 2003 | 14.75            | 38.77        | 9.61          | 7.89                 | 6.86         | 24.01         | By subtraction |              |
| Oct 2003 | 14.4             | 37.85        | 9.38          | 7.7                  | 6.7          | 23.45         | By subtraction |              |
| Nov 2003 | 14.06            | 36.95        | 9.16          | 7.52                 | 6.54         | 22.89         | By subtraction |              |
| Dec 2003 | 13.73            | 36.08        | 8.94          | 7.34                 | 6.39         | 22.35         | By subtraction |              |
| Jan 2004 | 13.4             | 35.22        | 8.73          | 7.17                 | 6.23         | 21.82         | By subtraction |              |
| Feb 2004 | 13.09            | 34.39        | 8.52          | 7                    | 6.09         | 21.3          | By subtraction |              |
| Mar 2004 | 12.78            | 33.57        | 8.32          | 6.83                 | 5.94         | 20.8          | By subtraction |              |
| Apr 2004 | 12.47            | 32.78        | 8.12          | 6.67                 | 5.8          | 20.3          | By subtraction |              |
| May 2004 | 12.18            | 32           | 7.93          | 6.51                 | 5.66         | 19.82         | By subtraction |              |
| Jun 2004 | 11.89            | 31.24        | 7.74          | 6.36                 | 5.53         | 19.35         | By subtraction |              |
| Jul 2004 | 11.61            | 30.5         | 7.56          | 6.21                 | 5.4          | 18.9          | By subtraction |              |
| Aug 2004 | 11.33            | 29.78        | 7.38          | 6.06                 | 5.27         | 18.45         | By subtraction |              |
| Sep 2004 | 11.06            | 29.07        | 7.2           | 5.92                 | 5.15         | 18.01         | By subtraction |              |
| Oct 2004 | 10.8             | 28.39        | 7.03          | 5.78                 | 5.02         | 17.58         | By subtraction |              |
| Nov 2004 | 10.55            | 27.71        | 6.87          | 5.64                 | 4.9          | 17.17         | By subtraction |              |
| Dec 2004 | 10.3             | 27.06        | 6.7           | 5.51                 | 4.79         | 16.76         | By subtraction |              |
| Jan 2005 | 10.05            | 26.42        | 6.55          | 5.38                 | 4.68         | 16.36         | By subtraction |              |
| Feb 2005 | 9.81             | 25.79        | 6.39          | 5.25                 | 4.56         | 15.98         | By subtraction |              |
| Mar 2005 | 9.58             | 25.18        | 6.24          | 5.12                 | 4.46         | 15.6          | By subtraction |              |
| Apr 2005 | 9.35             | 24.58        | 6.09          | 5                    | 4.35         | 15.23         | By subtraction |              |
| May 2005 | 9.13             | 24           | 5.95          | 4.89                 | 4.25         | 14.87         | By subtraction |              |
| Jun 2005 | 8.92             | 23.43        | 5.81          | 4.77                 | 4.15         | 14.52         | By subtraction |              |
| Jul 2005 | 8.71             | 22.88        | 5.67          | 4.66                 | 4.05         | 14.17         | By subtraction |              |
| Aug 2005 | 8.5              | 22.33        | 5.53          | 4.55                 | 3.95         | 13.84         | By subtraction |              |
| Sep 2005 | 8.3              | 21.81        | 5.4           | 4.44                 | 3.86         | 13.51         | By subtraction |              |
| Oct 2005 | 8.1              | 21.29        | 5.28          | 4.33                 | 3.77         | 13.19         | By subtraction |              |
| Nov 2005 | 7.91             | 20.78        | 5.15          | 4.23                 | 3.68         | 12.88         | By subtraction |              |
| Dec 2005 | 7.72             | 20.29        | 5.03          | 4.13                 | 3.59         | 12.57         | By subtraction |              |
| Jan 2006 | 7.54             | 19.81        | 4.91          | 4.03                 | 3.51         | 12.27         | By subtraction |              |
| Feb 2006 | 7.36             | 19.34        | 4.79          | 3.94                 | 3.42         | 11.98         | By subtraction |              |
| Mar 2006 | 7.19             | 18.88        | 4.68          | 3.84                 | 3.34         | 11.7          | By subtraction |              |
| Apr 2006 | 7.02             | 18.44        | 4.57          | 3.75                 | 3.26         | 11.42         | By subtraction |              |
| May 2006 | 6.85             | 18           | 4.46          | 3.66                 | 3.19         | 11.15         | By subtraction |              |
| Jun 2006 | 6.69             | 17.57        | 4.35          | 3.58                 | 3.11         | 10.89         | By subtraction |              |
| Jul 2006 | 6.53             | 17.16        | 4.25          | 3.49                 | 3.04         | 10.63         | By subtraction |              |
| Aug 2006 | 6.37             | 16.75        | 4.15          | 3.41                 | 2.96         | 10.38         | By subtraction |              |
| Sep 2006 | 6.22             | 16.35        | 4.05          | 3.33                 | 2.89         | 10.13         | By subtraction |              |
| Nov 2006 | 5.93             | 15.59        | 3.86          | 3.17                 | 2.76         | 9.66          | By subtraction |              |
| Oct 2006 | 6.08             | 15.97        | 3.96          | 3.25                 | 2.83         | 9.89          | By subtraction |              |

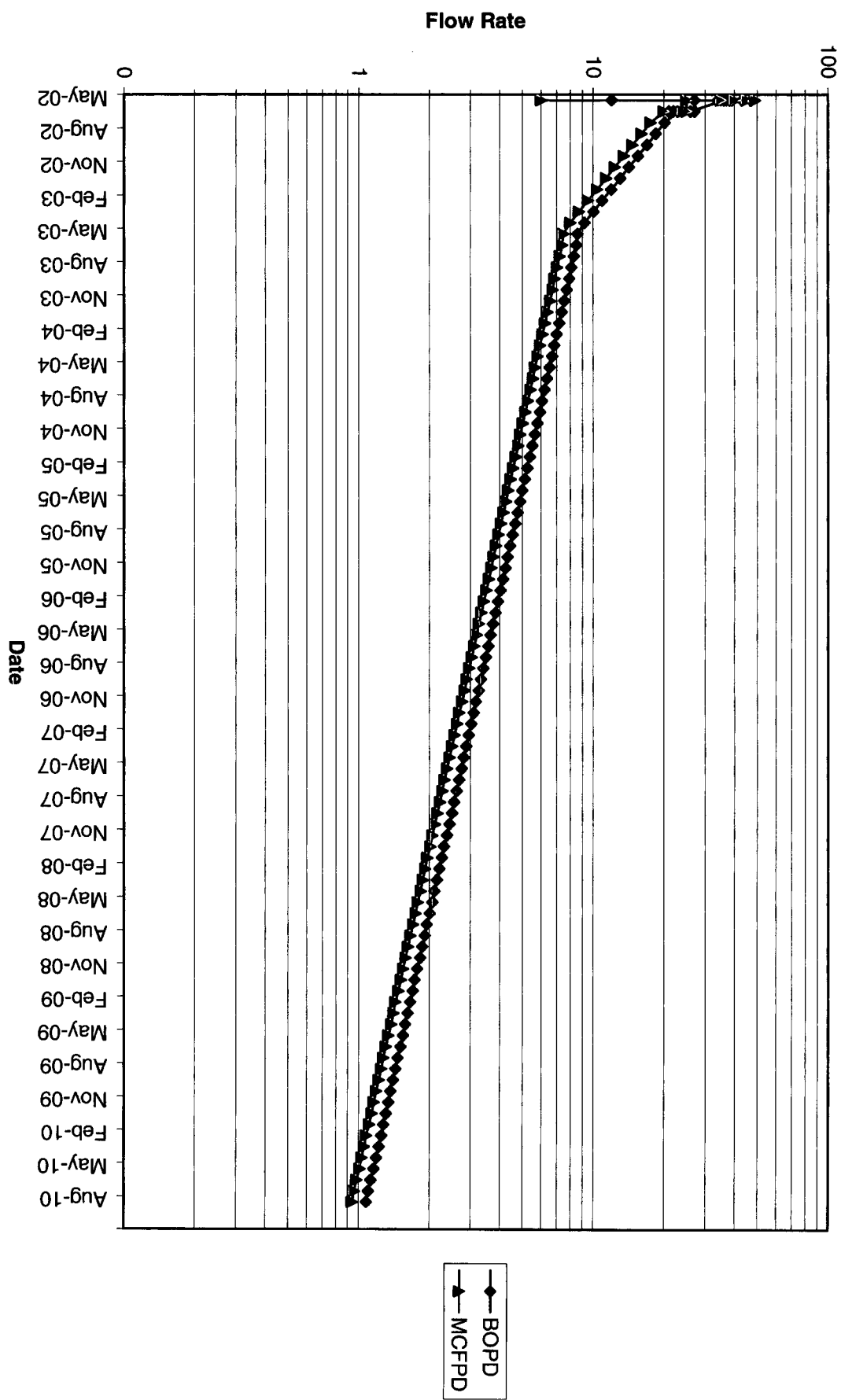
15.8  
9.33

| Date     | East Warren Tubb |       |       | Blinebry Oil and Gas |       |       | D-K Abo        |       |
|----------|------------------|-------|-------|----------------------|-------|-------|----------------|-------|
|          | Oil              | Gas   | Water | Oil                  | Gas   | Water | Oil            | Gas   |
|          | BOPD             | MCFPD | BWPD  | BOPD                 | MCFPD | BWPD  | BOPD           | MCFPD |
| Dec 2006 | 5.79             | 15.22 | 3.77  | 3.1                  | 2.69  | 9.43  | By subtraction |       |
| Jan 2007 | 5.65             | 14.86 | 3.68  | 3.02                 | 2.63  | 9.2   | By subtraction |       |
| Feb 2007 | 5.52             | 14.51 | 3.59  | 2.95                 | 2.57  | 8.99  | By subtraction |       |
| Mar 2007 | 5.39             | 14.16 | 3.51  | 2.88                 | 2.51  | 8.77  | By subtraction |       |
| Apr 2007 | 5.26             | 13.83 | 3.43  | 2.81                 | 2.45  | 8.57  | By subtraction |       |
| May 2007 | 5.14             | 13.5  | 3.35  | 2.75                 | 2.39  | 8.36  | By subtraction |       |
| Jun 2007 | 5.02             | 13.18 | 3.27  | 2.68                 | 2.33  | 8.16  | By subtraction |       |
| Jul 2007 | 4.9              | 12.87 | 3.19  | 2.62                 | 2.28  | 7.97  | By subtraction |       |
| Aug 2007 | 4.78             | 12.56 | 3.11  | 2.56                 | 2.22  | 7.78  | By subtraction |       |
| Sep 2007 | 4.67             | 12.27 | 3.04  | 2.5                  | 2.17  | 7.6   | By subtraction |       |
| Oct 2007 | 4.56             | 11.98 | 2.97  | 2.44                 | 2.12  | 7.42  | By subtraction |       |
| Nov 2007 | 4.45             | 11.69 | 2.9   | 2.38                 | 2.07  | 7.24  | By subtraction |       |
| Dec 2007 | 4.34             | 11.41 | 2.83  | 2.32                 | 2.02  | 7.07  | By subtraction |       |
| Jan 2008 | 4.24             | 11.14 | 2.76  | 2.27                 | 1.97  | 6.9   | By subtraction |       |
| Feb 2008 | 4.14             | 10.88 | 2.7   | 2.21                 | 1.93  | 6.74  | By subtraction |       |
| Mar 2008 | 4.04             | 10.62 | 2.63  | 2.16                 | 1.88  | 6.58  | By subtraction |       |
| Apr 2008 | 3.95             | 10.37 | 2.57  | 2.11                 | 1.84  | 6.42  | By subtraction |       |
| May 2008 | 3.85             | 10.13 | 2.51  | 2.06                 | 1.79  | 6.27  | By subtraction |       |
| Jun 2008 | 3.76             | 9.89  | 2.45  | 2.01                 | 1.75  | 6.12  | By subtraction |       |
| Jul 2008 | 3.67             | 9.65  | 2.39  | 1.96                 | 1.71  | 5.98  | By subtraction |       |
| Aug 2008 | 3.59             | 9.42  | 2.33  | 1.92                 | 1.67  | 5.84  | By subtraction |       |
| Sep 2008 | 3.5              | 9.2   | 2.28  | 1.87                 | 1.63  | 5.7   | By subtraction |       |
| Oct 2008 | 3.42             | 8.98  | 2.23  | 1.83                 | 1.59  | 5.56  | By subtraction |       |
| Nov 2008 | 3.34             | 8.77  | 2.17  | 1.78                 | 1.55  | 5.43  | By subtraction |       |
| Dec 2008 | 3.26             | 8.56  | 2.12  | 1.74                 | 1.52  | 5.3   | By subtraction |       |
| Jan 2009 | 3.18             | 8.36  | 2.07  | 1.7                  | 1.48  | 5.18  | By subtraction |       |
| Feb 2009 | 3.11             | 8.16  | 2.02  | 1.66                 | 1.44  | 5.05  | By subtraction |       |
| Mar 2009 | 3.03             | 7.97  | 1.97  | 1.62                 | 1.41  | 4.94  | By subtraction |       |
| Apr 2009 | 2.96             | 7.78  | 1.93  | 1.58                 | 1.38  | 4.82  | By subtraction |       |
| May 2009 | 2.89             | 7.59  | 1.88  | 1.55                 | 1.34  | 4.7   | By subtraction |       |
| Jun 2009 | 2.82             | 7.41  | 1.84  | 1.51                 | 1.31  | 4.59  | By subtraction |       |
| Jul 2009 | 2.75             | 7.24  | 1.79  | 1.47                 | 1.28  | 4.48  | By subtraction |       |
| Aug 2009 | 2.69             | 7.07  | 1.75  | 1.44                 | 1.25  | 4.38  | By subtraction |       |
| Sep 2009 | 2.63             | 6.9   | 1.71  | 1.4                  | 1.22  | 4.27  | By subtraction |       |
| Oct 2009 | 2.56             | 6.74  | 1.67  | 1.37                 | 1.19  | 4.17  | By subtraction |       |
| Nov 2009 | 2.5              | 6.58  | 1.63  | 1.34                 | 1.16  | 4.07  | By subtraction |       |
| Dec 2009 | 2.44             | 6.42  | 1.59  | 1.31                 | 1.14  | 3.98  | By subtraction |       |
| Jan 2010 | 2.39             | 6.27  | 1.55  | 1.28                 | 1.11  | 3.88  | By subtraction |       |
| Feb 2010 | 2.33             | 6.12  | 1.52  | 1.25                 | 1.08  | 3.79  | By subtraction |       |
| Mar 2010 | 2.27             | 5.98  | 1.48  | 1.22                 | 1.06  | 3.7   | By subtraction |       |
| Apr 2010 | 2.22             | 5.83  | 1.45  | 1.19                 | 1.03  | 3.61  | By subtraction |       |
| May 2010 | 2.17             | 5.7   | 1.41  | 1.16                 | 1.01  | 3.53  | By subtraction |       |
| Jun 2010 | 2.12             | 5.56  | 1.38  | 1.13                 | 0.98  | 3.44  | By subtraction |       |
| Jul 2010 | 2.07             | 5.43  | 1.35  | 1.1                  | 0.96  | 3.36  | By subtraction |       |
| Aug 2010 | 2.02             | 5.31  | 1.32  | 1.08                 | 0.94  | 3.29  | By subtraction |       |

# WU 148 Tubb Future Production



WU 148 Blinebry Future Production





**DISTRICT IV**  
**2040 South Pacheco, Santa Fe, NM 87505**

**Submit to Appropriate District Office**  
**State Lease - 4 Copies**  
**Fee Lease - 3 Copies**

2040 South Pacheco  
Santa Fe, New Mexico 87505

|  |  |  |
|--|--|--|
|  | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Kay Maddox</i><br/>Signature</p> <p>KAY MADDOX<br/>Printed Name</p> <p>Regulatory Agent<br/>Title</p> <p>8/20/01<br/>Date</p>   |  |
|  | <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>September 12, 2001<br/>Date Surveyed</p> <p><i>[Signature]</i><br/>Signature &amp; Seal of Professional Surveyor</p> <p>7977<br/>W.O. No. 1900</p> <p>Certificate No. Gary L. Jones 7977</p> <p>PROFESSIONAL LAND SURVEYOR<br/>BASIN SURVEYS</p> |  |
|  | <p>LAT - N32°32'16.9"<br/>LONG - W103°06'33.1"</p>   |  |
|  | <p>490'<br/>3567.2' 3565.8'<br/>400'<br/>3567.1' 3568.0'</p>   |  |

District I  
PO Box 1980, Hobbs. NM88241-1980  
District II  
PO Drawer DD, Artesia, NM88211-0719  
District III  
1000 Rio Brazos Rd. Aztec, NM87410  
District IV  
PO Box 2088, Santa Fe. NM87504-2088

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |   |  |                                   |                        |
|----------------------------|--|---|--|-----------------------------------|------------------------|
| API Number<br>30-025-35772 |  | 2 Pool Code<br>06660  |  | 3 Pool Name<br>Blinebry Oil & Gas |                        |
| 4 Property Code            |  | 5 Property Name<br>Warren Unit  |  |                                   | 6 Well Number<br># 148 |
| 7 OGRID No.<br>005073      |  | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 |  |                                   | 9 Elevation<br>3570'   |

10 Surface Location

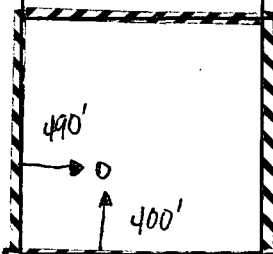
|            |         |           |       |         |               |                  |               |                |        |
|------------|---------|-----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or ldn. | Section | Town ship | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
| M          | 25      | 20S       | 38E   |         | 490           | South            | 400           | West           | Lea    |

11 Bottom Hole Location If Different From Surface

|                          |                    |                       |       |              |               |                  |               |                |        |
|--------------------------|--------------------|-----------------------|-------|--------------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.            | Section            | Township              | Range | Lot ldn      | Feet from the | North/South line | Feet from the | East/West line | County |
|                          |                    |                       |       |              |               |                  |               |                |        |
| 12 Dedicated Acres<br>40 | 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

|    |  |  |  |
|----|--|--|--|
| 16 |  |  |  |
|    |  |  |  |
|    |  |  |  |
|    |  |  |  |
|    |  |  |  |



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 26, 2002

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

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

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

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |   |  |                        |                        |
|----------------------------|--|---|--|------------------------|------------------------|
| API Number<br>30-025-35772 |  | 2 Pool Code<br>15200  |  | 3 Pool Name<br>D-K Abo |                        |
| 4 Property Code            |  | 5 Property Name<br>Warren Unit  |  |                        | 6 Well Number<br># 148 |
| 7 OGRID No.<br>005073      |  | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 |  |                        | 9 Elevation<br>3570'   |

10 Surface Location

|            |         |           |       |         |               |                  |               |                |        |
|------------|---------|-----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or ldn. | Section | Town ship | Range | Lot ldn | Feet from the | North/South line | Feet from the | East/West line | County |
| M          | 25      | 20S       | 38E   |         | 490           | South            | 400           | West           | Lea    |

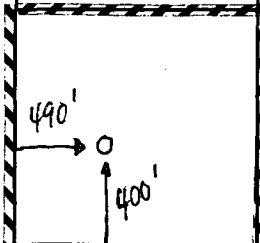
11 Bottom Hole Location If Different From Surface

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

|                          |                    |                       |              |
|--------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>40 | 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

|    |  |  |  |
|----|--|--|--|
| 16 |  |  |  |
|    |  |  |  |
|    |  |  |  |
|    |  |  |  |
|    |  |  |  |



17 OPERATOR CERTIFICATION

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

  
Signature

Kay Maddox

Printed Name  
Regulatory Agent

Title  
June 26, 2002

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



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

Betty Rivera

Cabinet Secretary

**Lori Wrotenberg**

Director

Oil Conservation Division

7/3/02

Oil Conservation Division  
1220 S. Francis Drive  
Santa Fe, NM 87505

RE: Proposed:

|     |             |
|-----|-------------|
| MC  | _____       |
| DHC | _____X_____ |
| NSL | _____       |
| NSP | _____       |
| SWD | _____       |
| WFX | _____       |
| PMX | _____       |

Gentlemen:

I have examined the application for the:

Conoco Inc      Warren Unit      # 148-M-25-20s-38e  
Operator      Lease & Well No.      Unit      S-T-R      API# 30-025-35772

and my recommendations are as follows:

OK

Yours very truly,

*Chris Williams*

Chris Williams

Supervisor, District 1