

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

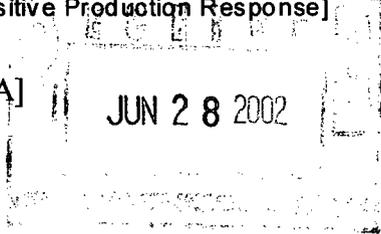
- Engineering Bureau -

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

[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

Kay Maddox
Signature

Regulatory Agent
Title

6/26/02
Date



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 Department

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

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

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

Administrative Hearing

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

YES NO

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

Lease Warren Unit Well No #148 Unit Ltr Sec Twp Rge Section 25, T-20-S, R-38-E, M County Lea

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 15200	Warren Tubb East 87085	Blinbry Oil & Gas 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 Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 2800	a. 2600	a. 2000
	b. (Original) 2800	b. 2800	b. 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 <small>Note: For new zones with no production history applicant should be required to attach production estimates and supporting data.</small> • If Producing, date and oil/gas/water rates of recent test oil/gas (within 60 days)	Date Rates	Date Rates	Date Rates
		4-24-02 43 BOPD, 113 MCFGPD 28 BWPD	6-12-02 23 BOPD, 20 MCFGPD 70 BWPD
8. Fixed Percentage Allocation Formula - % for each zone	<i>Subtraction</i>	<i>Fixed Allocation</i>	<i>Fixed Allocation</i>

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 areas.
 - * 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 DATE 6/26/02

TYPE OR PRINT NAME KAY MADDUX TELEPHONE NO. (915) 686-5798

Warren Unit #148

Trimingle Application Discussion

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 what 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

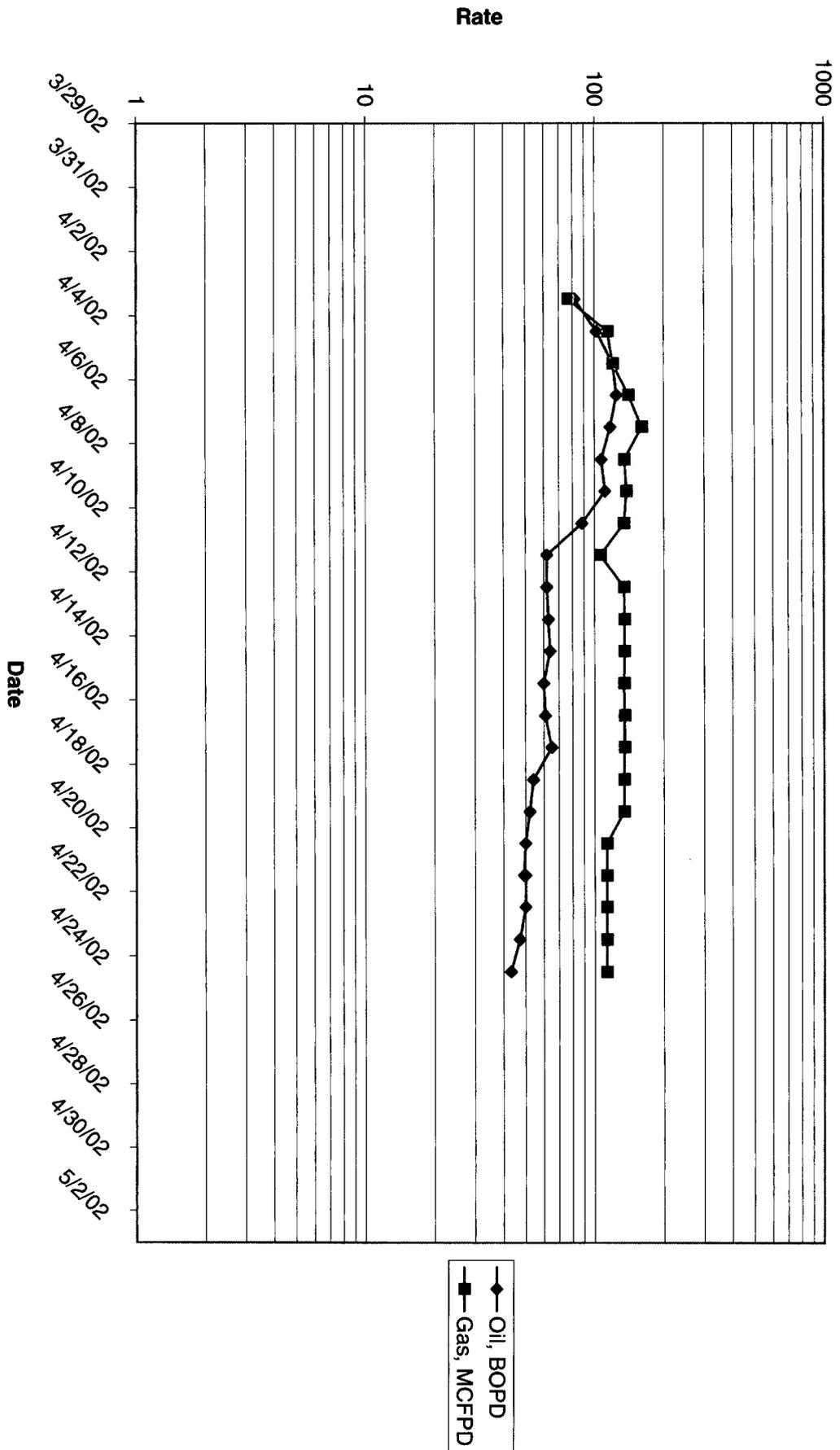
1. Warren Unit #148 East Warren Tubb pool production test
2. Warren Unit #148 East Warren Tubb pool production plot
3. Warren Unit #148 Blinebry Oil and Gas pool production test
4. Warren Unit #148 Blinebry Oil and Gas pool production plot
5. T20S-R38E Section 25 and Section 26 well location map
6. Warren 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 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"
4/1/2002	0				125			300	76	75			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 on #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.
4/2/2002	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



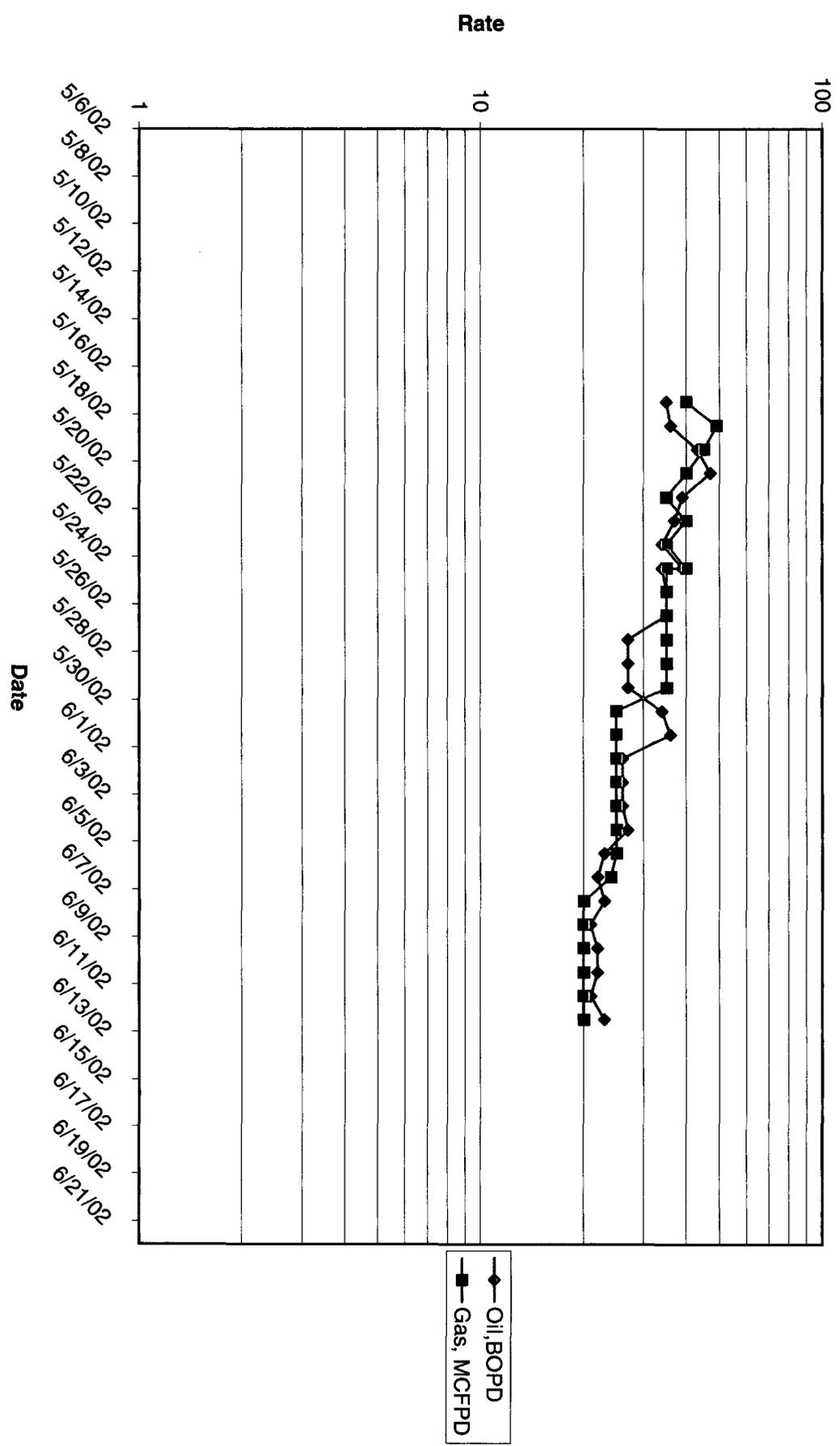
MORNING REPORT

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 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

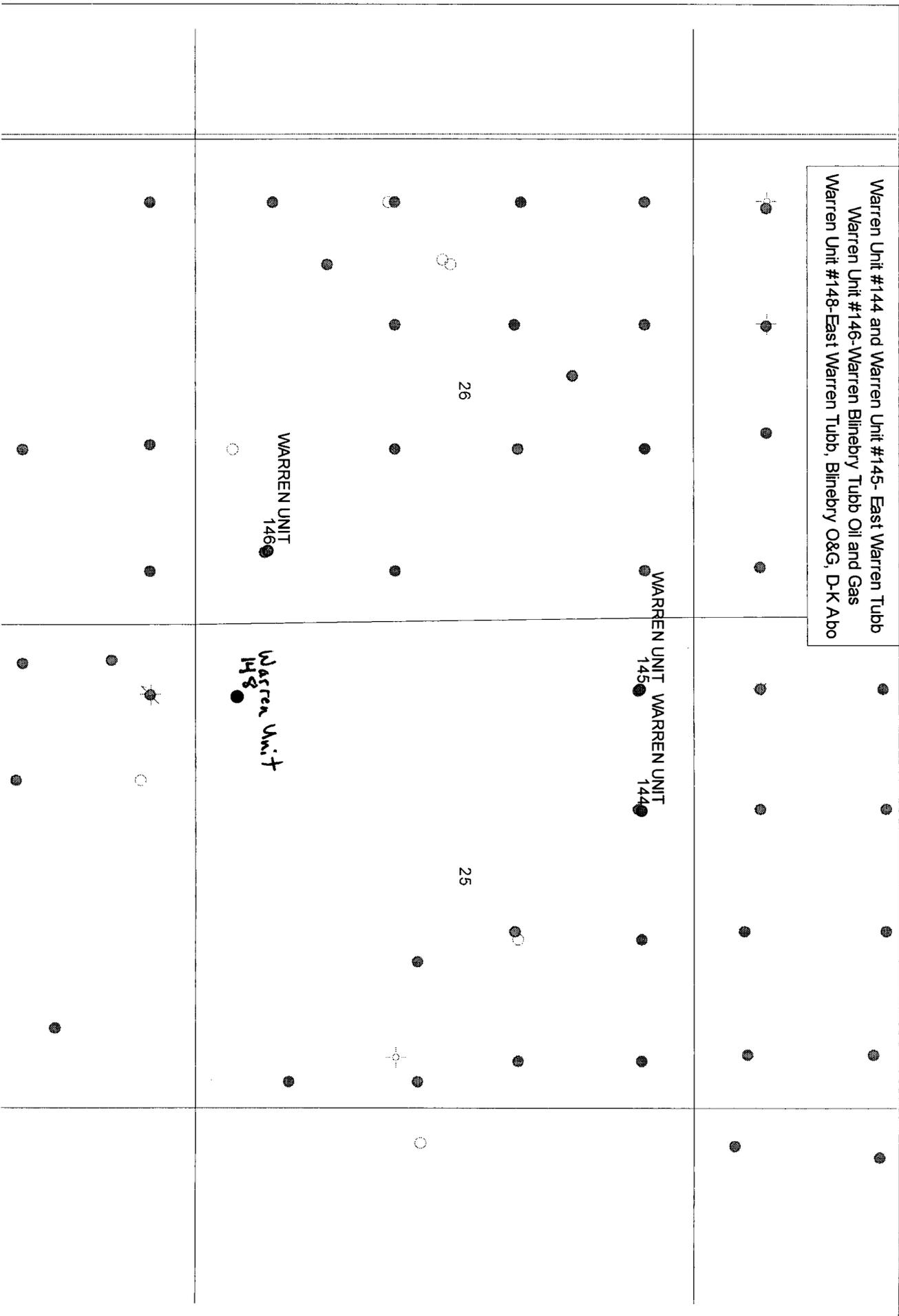


PowerTools Map

Summary Lease Report

Project: P:\Power tools\WU148.MDB

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

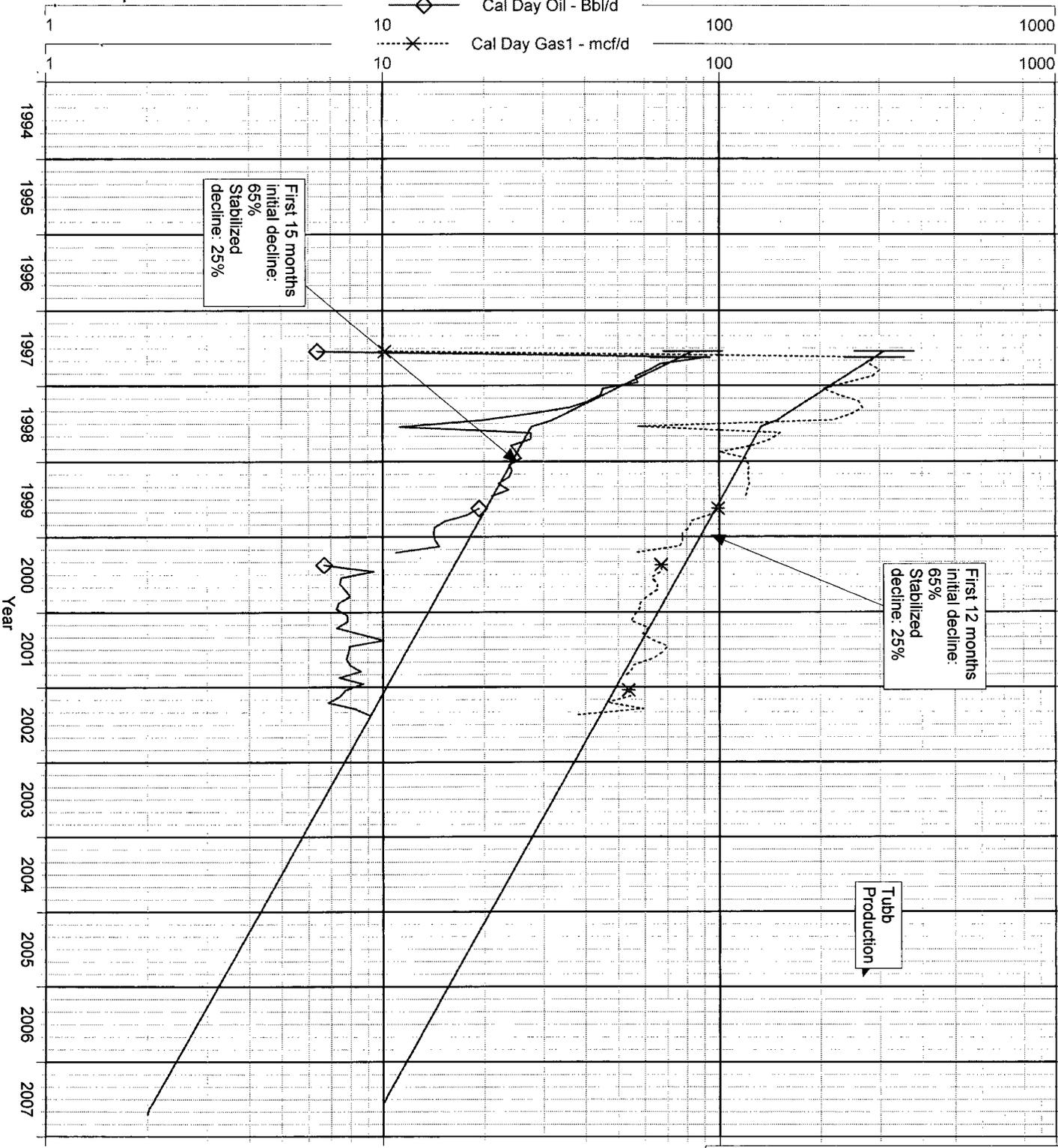


WARREN_UNIT_144:XQN (1893036) Data: Jul.1997-May.2002

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



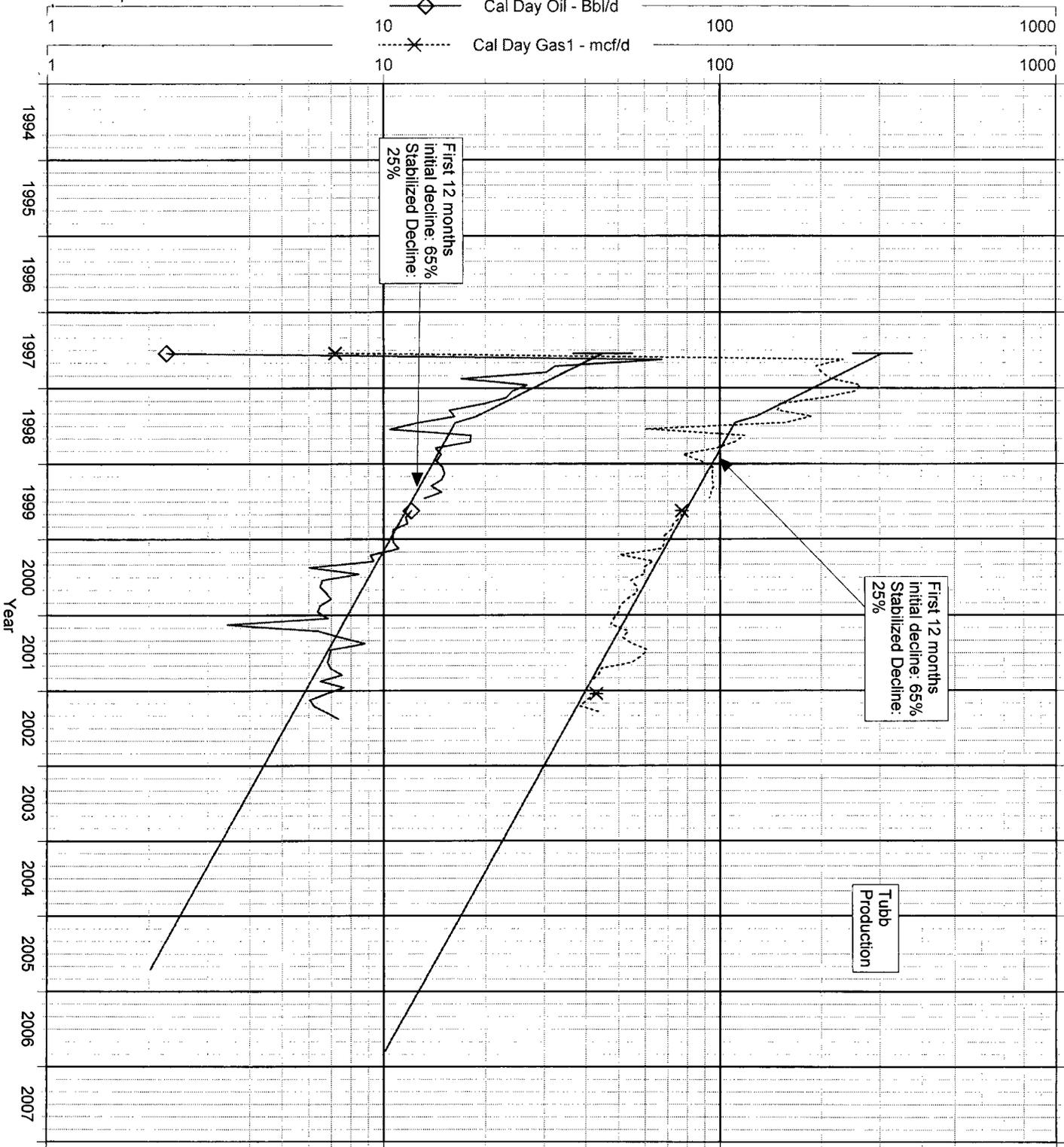
◆ Cal Day Oil - Bbl/d
 Cum: 35.0526 MSTB
 * Initial decline - Bbl/d
 versus time
 qi: 80 Bbl/d, Aug, 1997
 Qf: 2,00197 Bbl/d, Sep, 2007
 Di:(Exponential) : 65
 RR: 8.98178 MSTB
 EUR: 44.0344 MSTB
 Corr coeff: N/A
 ---*--- Cal Day Gas1 - mcf/d
 Cum: 192.442 MMSCF
 Initial Decline - mcf/d
 versus time
 Qi: 300 mcf/d, Aug, 1997
 Qf: 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

◆ Cal Day Gas1 - mcf/d
 Cum: 155,692 MMSCF
 * Initial decline - 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

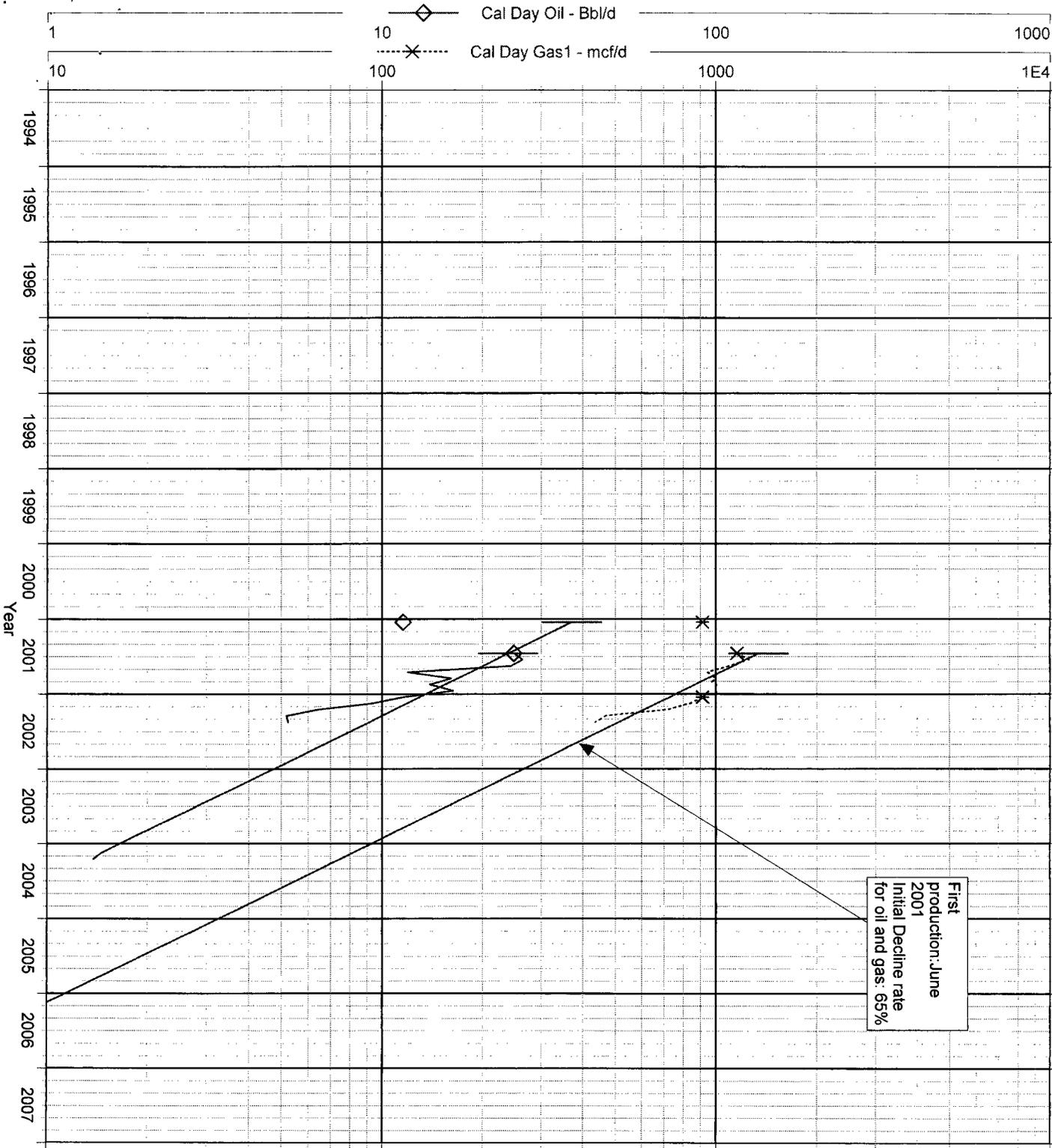
WARREN_UNIT_146:BT (1994410) Data: Jan.2001-May.2002

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
 ---*--- Cal Day Gas1 - mcf/d
 Cum: 325.46 MMSCF
 Initial Decline - 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

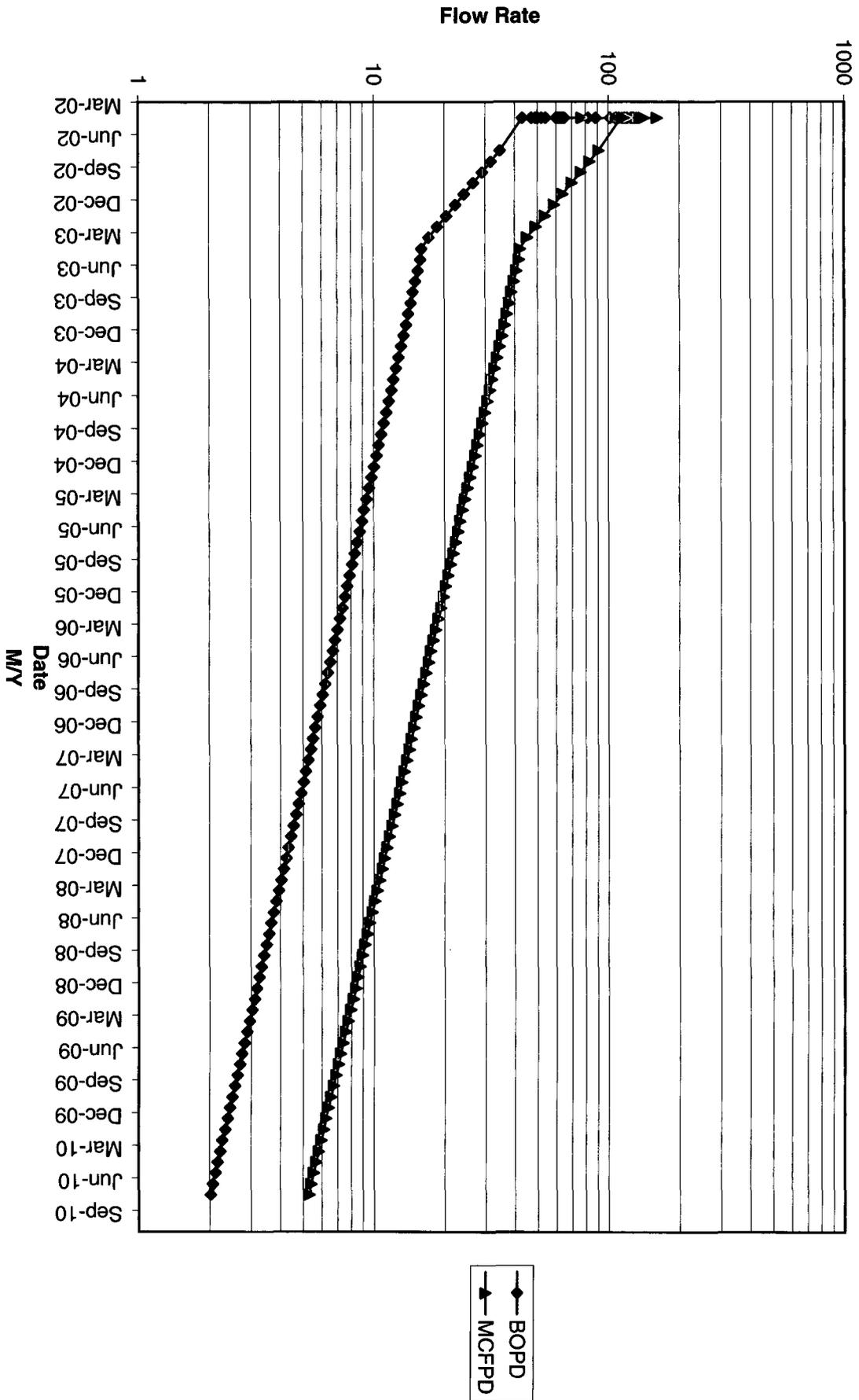
Warren Unit #148 Production Schedule

Date	East Warren Tubb			Blinebry Oil and Gas			D-K Abo	
	Oil BOPD	Gas MCFPD	Water BWPD	Oil BOPD	Gas MCFPD	Water BWPD	Oil BOPD	Gas 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	

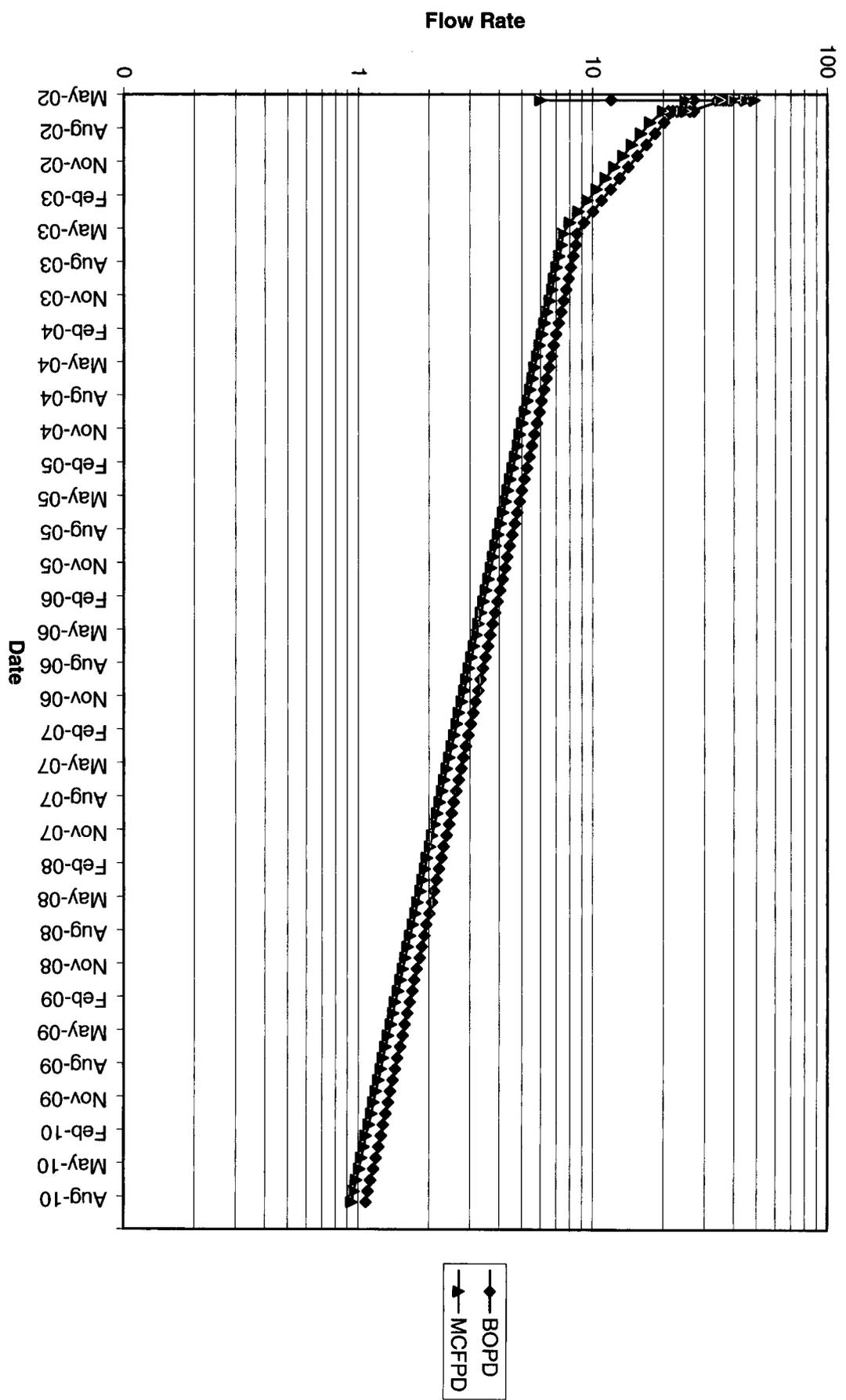
15.8
9.33

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 Blinbery Future Production



DISTRICT I
1626 N. French Dr., Hobbs, NM 58240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025 35772	Pool Code 87685	Pool Name Warren Tubb EAST
Property Code	Property Name WARREN UNIT	Well Number 148
OGRID No.	Operator Name CONOCO INC.	Elevation 3570'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	20 S	38 E		490	SOUTH	400	WEST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

	<p>LAT - N32°32'16.9" LONG - W103°06'33.1"</p>	<p>OPERATOR CERTIFICATION</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> Signature</p> <p>KAY MADDOX Printed Name</p> <p>Regulatory Agent Title</p> <p>8/20/01 Date</p>
		<p>SURVEYOR CERTIFICATION</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 Date Surveyed</p>
		<p>Signature & Seal of Professional Surveyor</p>
		<p>Certificate No. Gary L. Jones 7977</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
 instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

10 Surface Location

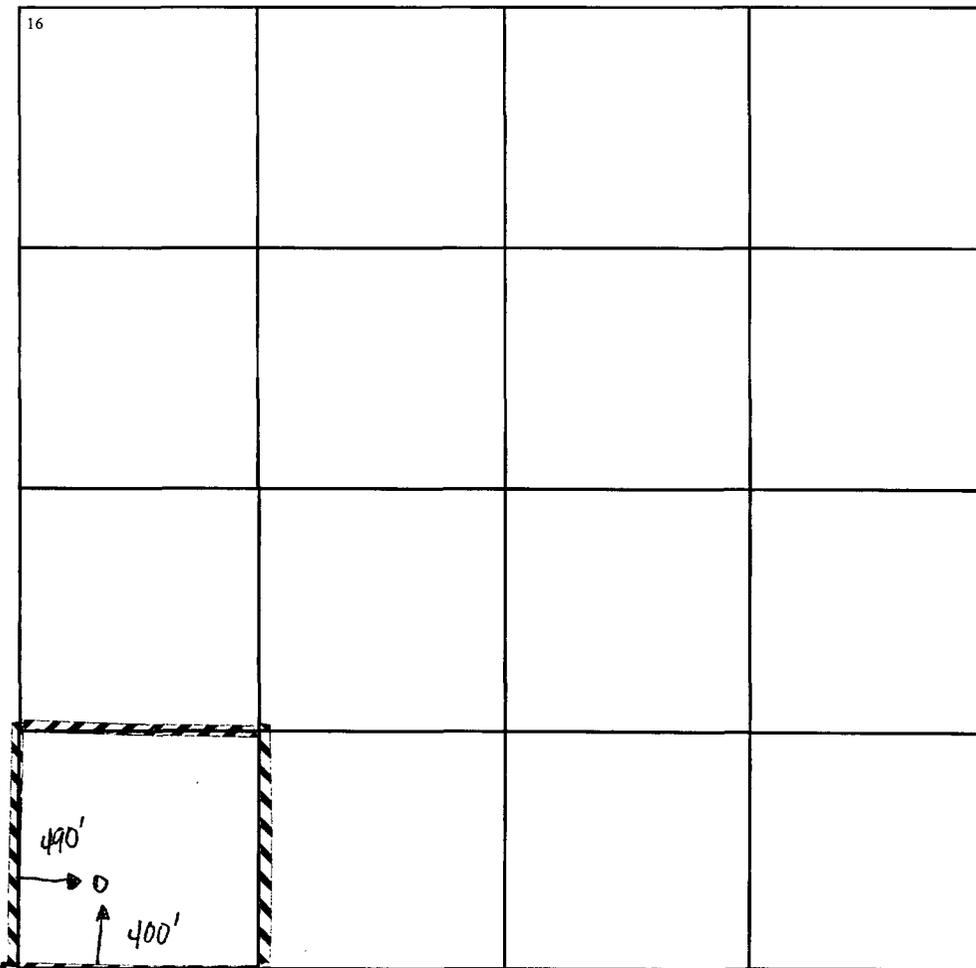
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	20S	38E		490	South	400	West	Lea

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 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



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. 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
 instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

10 Surface Location

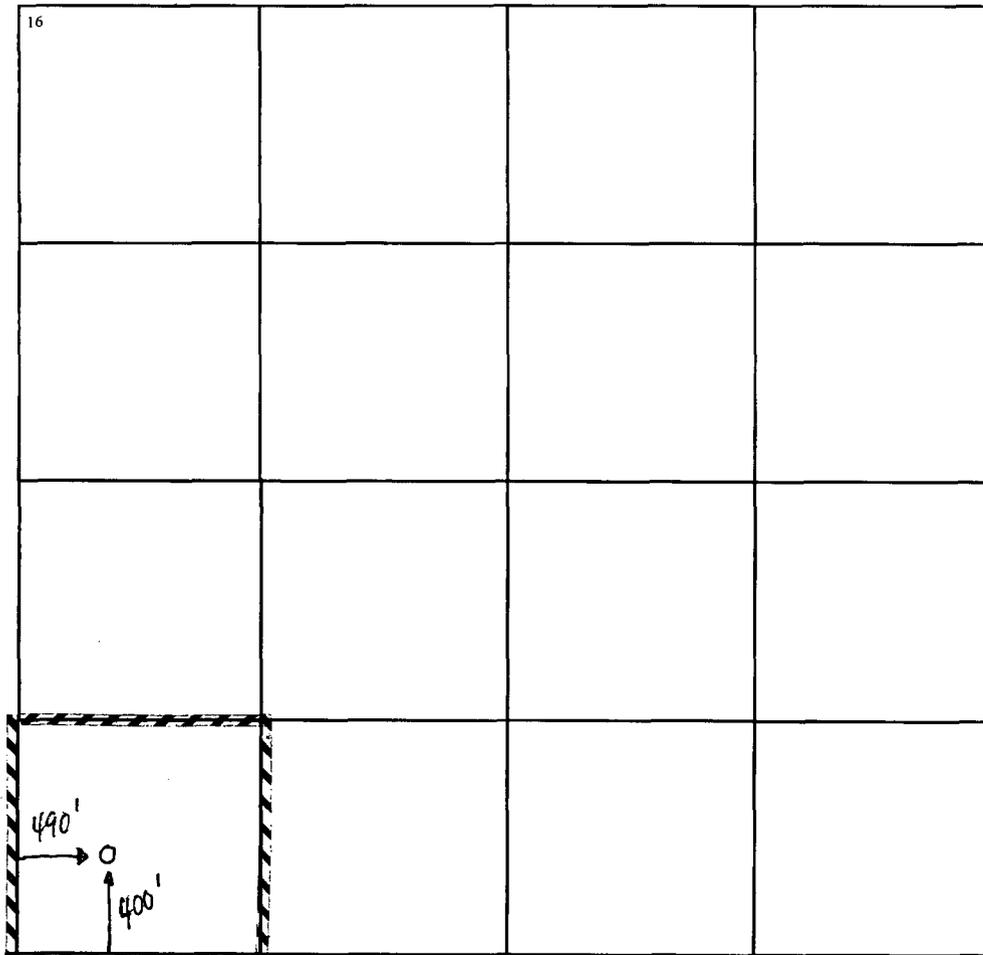
UL or Id no.	Section	Town ship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	20S	38E		490	South	400	West	Lea

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 40	13 Joint or Infil	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 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 Wrotenbery
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 (Signature)

Chris Williams
Supervisor, District 1