

EXAMINER HEARING

CASE 11212

Application for Downhole Commingling
for Certain Wells in the Warren Unit

Lea County, New Mexico

Submitted by: Conoco Inc.

Hearing Date: March 2, 1995

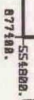


EXHIBIT NO. _____
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

- 1:24000
2000 FEET
FEET 0

WARREN UNIT
Blinebry-Tubb & Drinkard
Downhole Commingle Application
Conoco Inc.
LEA COUNTY, NEW MEXICO

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 2
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

LEGEND

- Drinkard Producer
- Shut-in Drinkard Well
- New Well

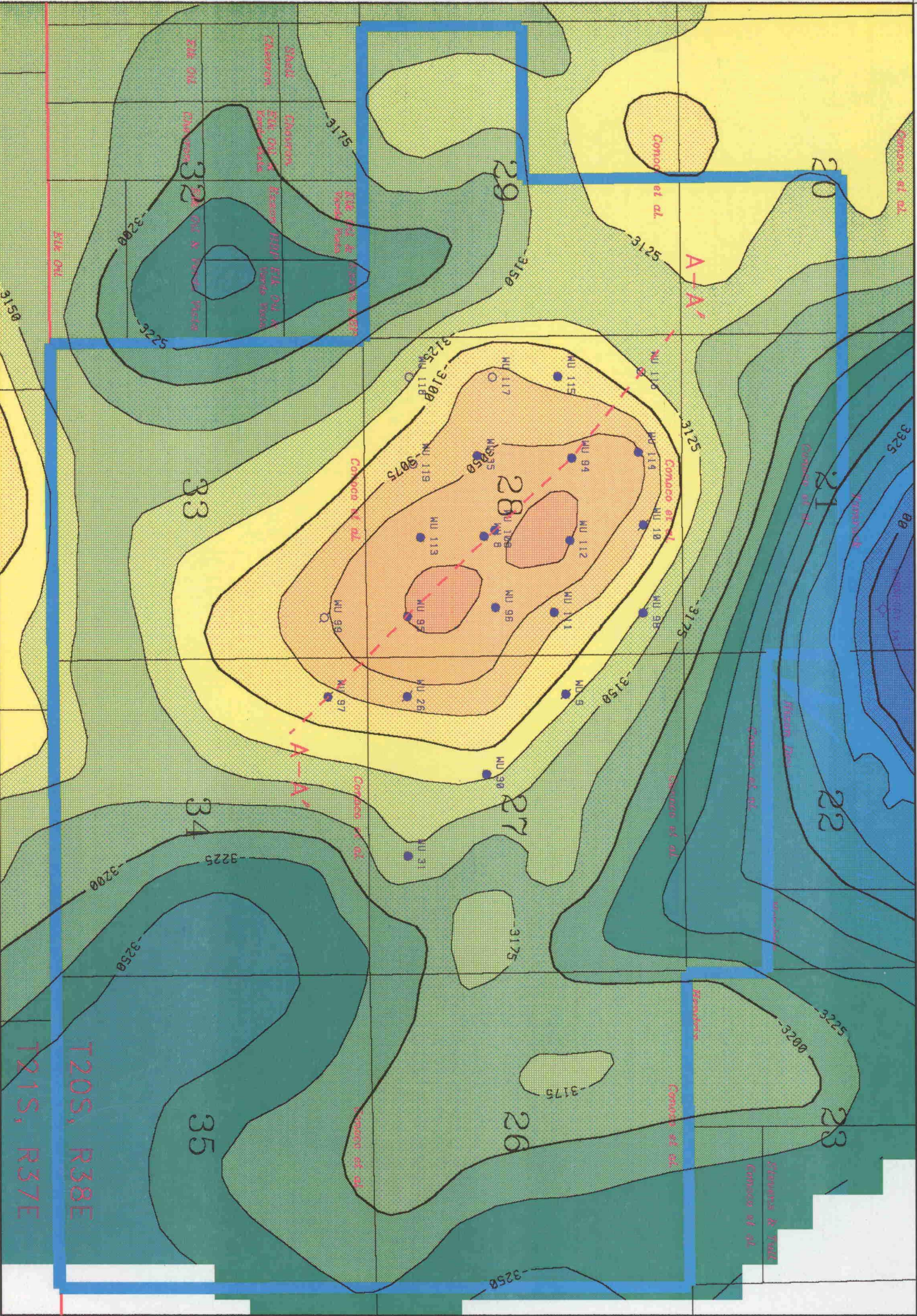
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Contour Interval = 25 Feet

DRINKARD STRUCTURE

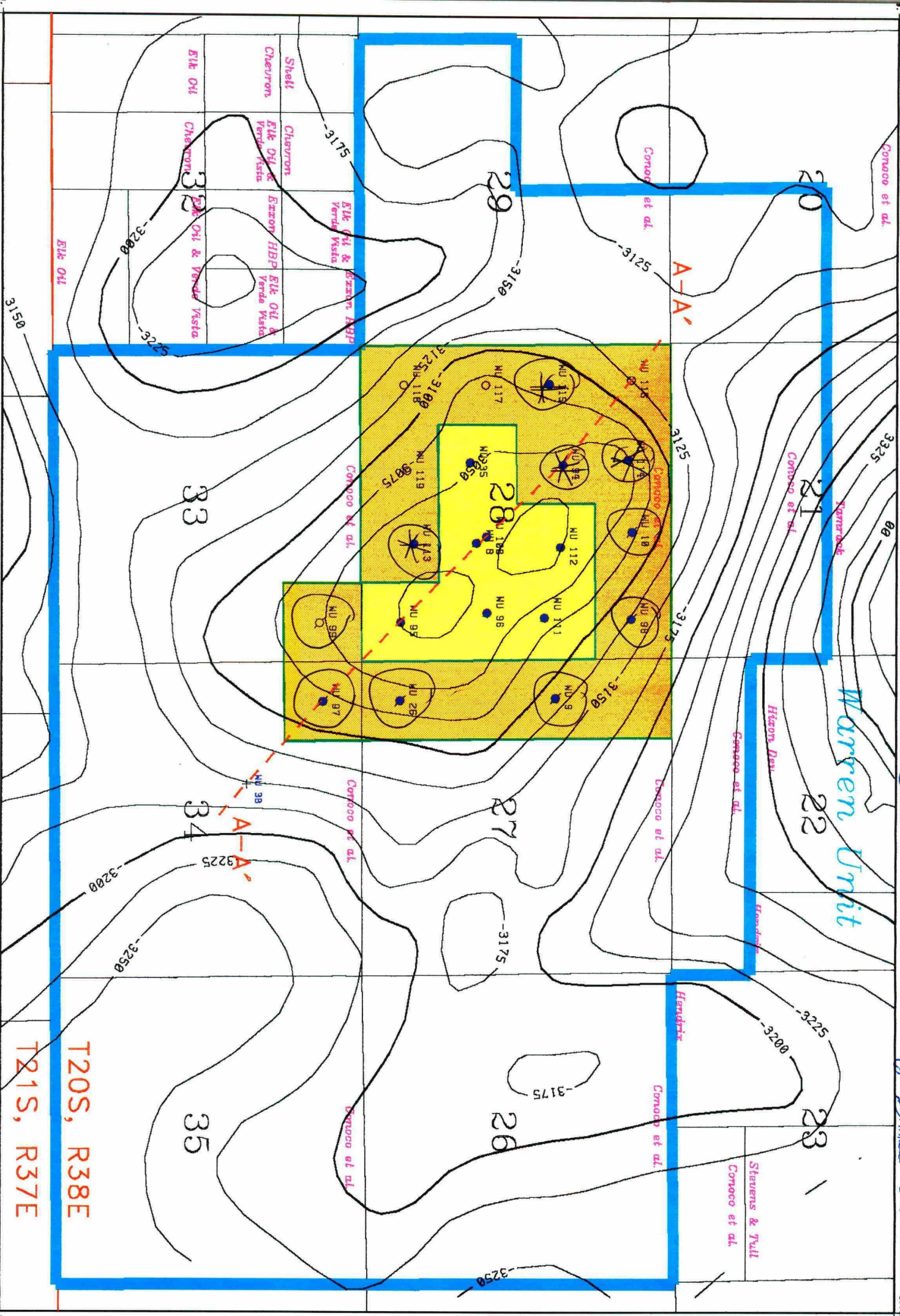
WARREN UNIT
Blinberry-Tubb & Drinkard
Downhole Commingle Application
Conoco Inc.
LEA COUNTY, NEW MEXICO

1:24000
CON. WARREN DRINKARD FOR COPY OF DRINKARD



LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

0 - ten existing wells - 4 currently shut and 6 shut-in a trade deal.



BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **4**

CASE NO.: 11212

Submitted by: Conoco Inc.

Hearing Date: Mar 2, 1995

- Area of Comingled B-T & Drinkard Prod.
- Area of Dual Comp. Drinkard & B-T
- Drinkard Producer
- Shut-in Drinkard Well
- New Well

Structure Contours on Top of Drinkard Fm.

Contour Interval = 25 Feet

FEET 0 1:24000 2000 FEET

COMINGLED AREA MAP	
WARREN UNIT	
Bluebird-Tubb & Drinkard	
Downhole Comingled Application	
Conoco Inc.	
LEA COUNTY, NEW MEXICO	
1:24000	1:24000
1:24000	1:24000

WARREN UNIT

CURRENT PRODUCTIVITY TESTS 11/36 MFD
CSCHD/ALLOW

DRINKARD						BLINEBRY TUBB			
WELL	OIL	GAS	GOR	WATER	SHUT-IN DATE	OIL	GAS	GOR	WATER
9	10	60	6,000	0	3/88	18	301	16,720	1
10	11	78	7,090	0	10/57	2	276	138,000	1
26	3	86	28,660	0	5/89	29	465	16,030	7
94	8	380	47,500	21		16	380	23,750	20
97	6	73	12,160	102	5/94	21	550	26,190	0
98	6	28	4,660	70	8/92	25	148	5,920	2
99	3	175	58,330	21	7/91	1	200	200,000	0
113	6	175	29,000	10		51	502	9,840	3
114	6	240	40,000	4		46	890	19,340	36
115	12	123	12,000	10		80	780	9,750	46
116	NEW DRILL								
117	NEW DRILL								
118	PROPOSED WELL								
119	PROPOSED WELL								

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 5
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WARREN UNIT

ECONOMICS

DRINKARD WELL TYPE	BOPD	MCFPD	NPV,M\$	ROR,%
DUAL	6	240	-13.7	0
<i>Case</i> → DHC NEW WELL	6	240	51.7	<i>economic</i> 90.3
SHUT-IN	6	28	15.7	<i>economic</i> 86.6

INPUTS:
OIL PRICE: \$14.76 /BO FLAT
GAS PRICE: \$1.35 / MCF FLAT
DISCOUNT RATE: 9%
NO ESCALATION

WARREN UNIT

Blinebry-Tubb DHC with Drinkard

Additional Reserves Beyond Economic Limit Through DHC

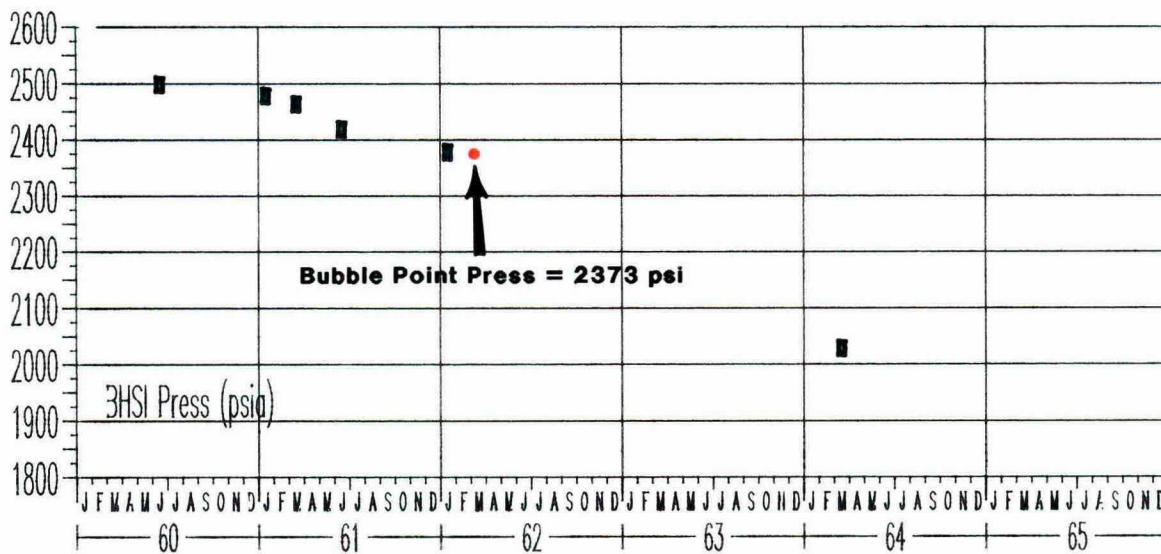
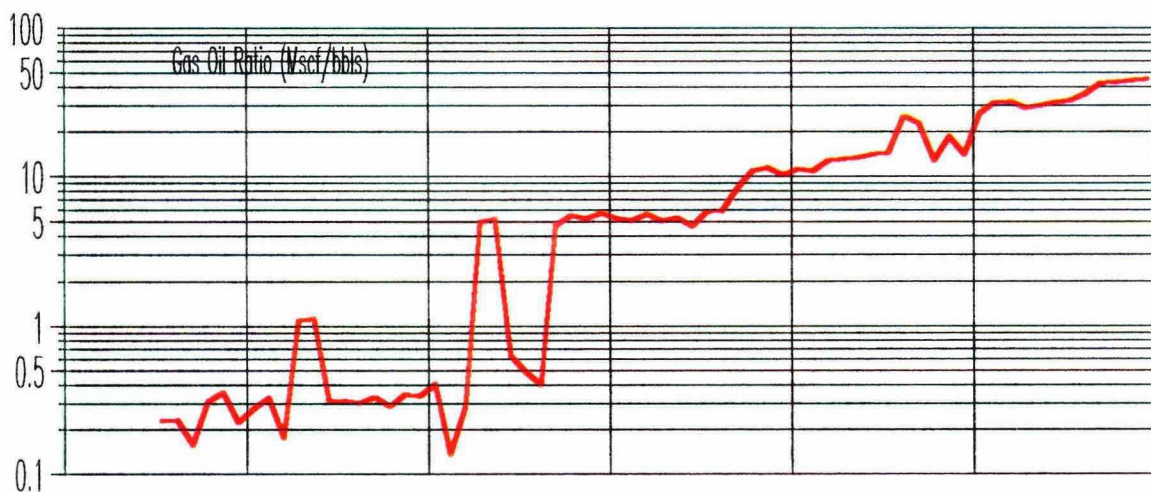
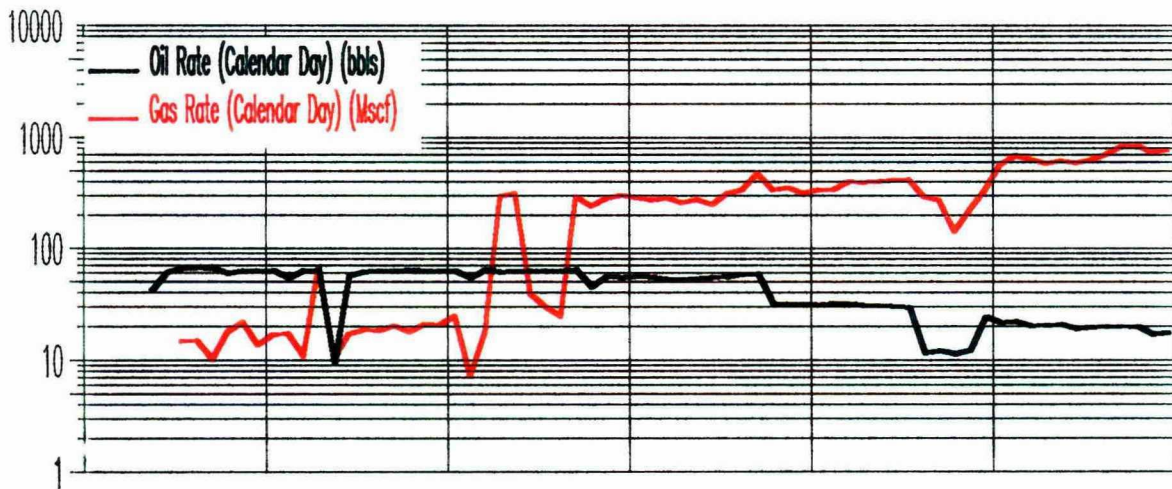
WELL	* Drinkard		Blinebry-Tubb	
	To 2007 start of Flood		Ult. Primary Res.	
	OIL MBO	GAS MMCF	OIL MBO	GAS MMCF
9	24	137	29	423
10	16	118	1	507
26	7	207	38	578
94	16	1060	10	929
97	14	61	30	1458
98	6	35	15	150
99	5	280	1	395
113	58	396	74	918
114	13	448	67	1488
115	72	100	101	1323
TOTAL	231	2842	366	8169

* ESTIMATED B-T FLOOD START

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 7
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

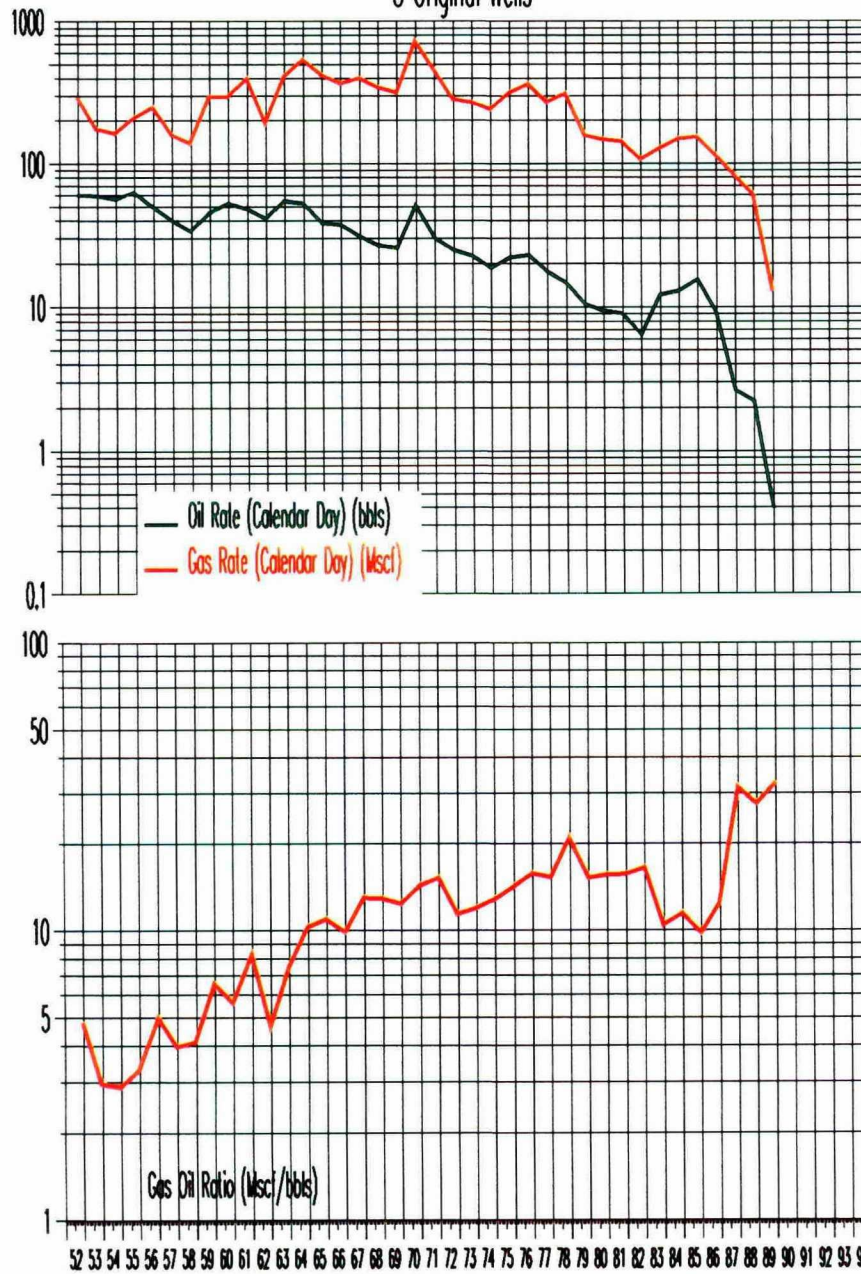
BRITT B 10 TUBB



BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **8**
CASE NO.: **11212**
Submitted by: **Conoco Inc.**
Hearing Date: **Mar 2, 1995**

Warren Unit
Drinkard Production
3 Original Wells



BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 9
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WARREN UNIT

DOWNHOLE COMMINGLED PRODUCTION

WELL	OIL	GAS	WATER	GOR
9	28	361	1	12,890
10	13	354	1	27,230
26	32	551	7	17,220
94	24	760	41	31,660
97	27	623	102	23,070
98	31	176	72	5,680
99	4	375	21	93,750
113	79 57	743 677	13	9,405 11,870
114	52	1130	40	21,730
115	108 92	903 903	56	8,860 9,870

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 10
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WARREN UNIT

RESERVOIR PRESSURES

BLINEBRY-TUBB 901 Psi

DRINKARD 803 Psi

@ A DATUM OF -2850' SS

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 11
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WARREN UNIT

GRAVITY MIXING

FORMATION GRAVITY DEDUCT

BLINEBRY-TUBB 39.4° \$.02

DRINKARD 39.6° \$.02

BLINEBRY-TUBB DRINKARD

LOW TEST
WARREN UNIT
#94

HIGH TEST

WARREN UNIT
#115

$$\begin{array}{rcl} \frac{16}{24} & 39.4^{\circ} \text{ API} & + \quad \frac{8}{24} \quad 39.6^{\circ} = \quad 39.47 \\ \frac{80}{108} & 39.4^{\circ} & + \quad \frac{28}{108} \quad 39.6^{\circ} = \quad 39.45 \end{array}$$

NO DIFFERENCE SO NO
EXTRA DEDUCT

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 12
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WARREN UNIT

WATER ANALYSIS COMPATIBILITIES

BLINEBRY-TUBB WATER ANALYSIS DRINKARD WATER ANALYSIS

mg/l

CHLORIDE	68800	101600
SULFATE	1422	1099
CALCIUM	5065	13570
SODIUM	38429	42996
CALCIUM SULFATE	2015	1558
BARIUM	0	0
STRONTIUM	105	131
TOTAL DISSOLVED SOLIDS	119356	164724
CALCIUM SULFATE SCALING TENDENCY	3175 @ 100°	1394 @ 100°

MIXED WATER ANALYSIS

50% BLINEBRY-TUBB, 50% DRINKARD 25% BLINEBRY-TUBB, 75% DRINKARD 75% BLINEBRY-TUBB, 25% DRINKARD

CALCIUM CARBONATE STABILITY INDEX @ 100° F	1.6	1.8	1.4
CALCIUM SULFATE SCALING TENDENCY @ 100° F	1951	1624	2429
ACTUAL SOLUTION CALCIUM SULFATE	1786	1671	1901

BEFORE AN EXAMINER OF THE OIL CONSERVATION DIVISION

EXHIBIT NO. 13
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995



IN REPLY
REFER TO:

NMNM71052X
I-SEC-601
3180 (06557)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office
1717 West Second Street
Roswell, New Mexico 88201-2019

FEB 24 1995

Conoco Inc.
Attention: Mr. Jerry Hoover
10 Desta Drive, Suite 100W
Midland, TX 79705-5400

RE: Proposal for Commingling
Warren Unit
Lea County, New Mexico

Dear Mr. Hoover,

We have no objection to your proposal to downhole commingle certain Blinbry-Tubb Oil and Gas Pool and Warren-Drinkard Pool production in ten (10) existing wells and four (4) new wells within the Warren Unit.

After submission of your application(s) for downhole commingling, with the appropriate supporting information, final approval will be granted.

Sincerely,

Tony L. Ferguson
Assistant District Manager,
Minerals

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 14
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

**ANNUAL
ALLOCATION FORMULAS**

FOR COMMINGLED PRODUCTION

FOR WARREN UNIT WELL NOS.

9, 10, 26, 94, 97, 98, 99, 113, 114, 115

W.U. #9 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

YR	Warren Unit #9 Blinebry–Tubb BOPD	Drinkard BOPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	13	10	23	0.57	0.43
1996	11	9	21	0.55	0.45
1997	10	8	18	0.53	0.47
1998	8	7	15	0.53	0.47
1999	7	7	13	0.51	0.49
2000	6	6	12	0.50	0.50
2001	5	5	10	0.49	0.51
2002	4	5	9	0.48	0.52
2003	4	4	8	0.47	0.53
2004	3	4	7	0.46	0.54
2005	3	3	6	0.45	0.55
2006	2	3	5	0.43	0.57
2007	2	3	4	0.42	0.58

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	233	60	293	0.80	0.20
1996	188	56	244	0.77	0.23
1997	152	49	201	0.76	0.24
1998	123	43	165	0.74	0.26
1999	99	38	137	0.72	0.28
2000	80	33	113	0.71	0.29
2001	64	29	93	0.69	0.31
2002	52	25	78	0.67	0.33
2003	42	22	64	0.65	0.35
2004	34	20	54	0.63	0.37
2005	27	17	45	0.61	0.39
2006	22	15	37	0.59	0.41
2007	18	13	31	0.57	0.43
2008	14	12	26	0.55	0.45

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 15
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #10 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #10					
YR	Blinebry–Tubb BOPD	Drinkard BOPD	Total %	Formula Blinebry–Tubb	% Drinkard
1995	2	10	12	0.14	0.86
1996	1	9	10	0.11	0.89
1997		7	7	0.00	1.00
1998		6	6	0.00	1.00
1999		5	5	0.00	1.00
2000		4	4	0.00	1.00
2001		3	3	0.00	1.00
2002		3	3	0.00	1.00
2003		2	2	0.00	1.00
2004		2	2	0.00	1.00
2005		2	2	0.00	1.00
2006		1	1	0.00	1.00
2007		1	1	0.00	1.00

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total %	Formula Blinebry–Tubb	% Drinkard
1995	262	69	331	0.79	0.21
1996	215	56	271	0.79	0.21
1997	177	46	222	0.79	0.21
1998	145	37	182	0.80	0.20
1999	119	30	149	0.80	0.20
2000	98	25	123	0.80	0.20
2001	80	20	100	0.80	0.20
2002	66	16	82	0.80	0.20
2003	54	13	68	0.80	0.20
2004	45	11	55	0.80	0.20
2005	37		37	1.00	0.00
2006	30		30	1.00	0.00
2007	25		25	1.00	0.00

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **16**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #26 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #26					
YR	Blinebry–Tubb BOPD	Drinkard BOPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	18	3	21	0.87	0.13
1996	15	3	18	0.86	0.14
1997	13	2	15	0.85	0.15
1998	11	2	13	0.83	0.17
1999	9	2	11	0.82	0.18
2000	8	2	9	0.82	0.18
2001	6	2	8	0.80	0.20
2002	5	1	7	0.79	0.21
2003	5	1	6	0.78	0.22
2004	4	1	5	0.76	0.24
2005	3	1	4	0.74	0.26
2006	3	1	4	0.73	0.27
2007	2		2	1.00	0.00

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	358	86	444	0.81	0.19
1996	279	81	360	0.78	0.22
1997	218	71	289	0.75	0.25
1998	170	63	233	0.73	0.27
1999	132	56	188	0.70	0.30
2000	103	50	153	0.68	0.32
2001	80	44	124	0.65	0.35
2002	63	39	101	0.62	0.38
2003	49	34	83	0.59	0.41
2004	38	30	69	0.56	0.44
2005	30	27	57	0.52	0.48
2006	23	24	47	0.49	0.51
2007	18	21	39	0.46	0.54

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **17**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #94 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #94					
YR	Blinebry–Tubb BOPD	Drinkard BOPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	7	6	13	0.53	0.47
1996	5	6	11	0.49	0.51
1997	4	5	9	0.45	0.55
1998	3	5	8	0.41	0.59
1999	3	4	7	0.37	0.63
2000	2	4	6	0.33	0.67
2001	2	3	5	0.31	0.69
2002	1	3	4	0.26	0.74
2003		3	3	0.00	1.00
2004		3	3	0.00	1.00
2005		2	2	0.00	1.00
2006		2	2	0.00	1.00
2007		2	2	0.00	1.00

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total % Blinebry–Tubb	Formula	% Drinkard
1995	271	444	716	0.38	0.62
1996	247	416	663	0.37	0.63
1997	224	368	592	0.38	0.62
1998	204	325	529	0.39	0.61
1999	186	288	473	0.39	0.61
2000	169	254	423	0.40	0.60
2001	153	225	378	0.41	0.59
2002	140	199	338	0.41	0.59
2003	127	176	303	0.42	0.58
2004	115	155	271	0.43	0.57
2005	105	137	242	0.43	0.57
2006	95	122	217	0.44	0.56
2007	87	107	194	0.45	0.55

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 18
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #97 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #97					
Blinebry–Tubb		Drinkard			
YR	BOPD	BOPD	Total % Blinebry–Tubb	% Drinkard	
1995	14	8	22	0.64	0.36
1996	12	7	19	0.62	0.38
1997	10	6	16	0.62	0.38
1998	8	5	13	0.63	0.37
1999	7	4	11	0.63	0.37
2000	6	3	9	0.63	0.37
2001	5	3	8	0.63	0.37
2002	4	2	6	0.64	0.36
2003	3	2	5	0.64	0.36
2004	3	2	4	0.64	0.36
2005	2	1	4	0.65	0.35
2006	2	1	3	0.65	0.35
2007	2		2	1.00	0.00

Blinebry–Tubb		Drinkard			
YR	MCFPD	MCFPD	Total % Blinebry–Tubb	% Drinkard	
1995	455	77	532	0.86	0.14
1996	409	62	471	0.87	0.13
1997	368	41	409	0.90	0.10
1998	331	27	359	0.92	0.08
1999	298	18	316	0.94	0.06
2000	268	12	280	0.96	0.04
2001	242		242	1.00	0.00
2002	217		217	1.00	0.00
2003	196		196	1.00	0.00
2004	176		176	1.00	0.00
2005	159		159	1.00	0.00
2006	143		143	1.00	0.00
2007	128		128	1.00	0.00

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 19
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #98 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #98					
Blinebry–Tubb		Drinkard			
YR	BOPD	BOPD	Total % Blinebry–Tubb	% Drinkard	
1995	15	5	19	0.76	0.24
1996	10	4	14	0.71	0.29
1997	7	3	10	0.67	0.33
1998	4	3	7	0.62	0.38
1999	3	2	5	0.58	0.42
2000	2	2	4	0.53	0.47
2001	1	2	3	0.48	0.52
2002	1	1	2	0.45	0.55
2003		1	1	0.00	1.00

Blinebry–Tubb		Drinkard			
YR	MCFPD	MCFPD	Total % Blinebry–Tubb	% Drinkard	
1995	123	28	151	0.82	0.18
1996	89	25	114	0.78	0.22
1997	64	21	85	0.75	0.25
1998	46	17	63	0.73	0.27
1999	33	14	48	0.70	0.30
2000	24	12	36	0.67	0.33
2001	17	10	28	0.63	0.37
2002	12		12	1.00	0.00
2003	10		10	1.00	0.00

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **20**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #99 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #99					
Blinebry–Tubb		Drinkard			
YR	BOPD	BOPD	Total % Blinebry–Tubb	% Drinkard	
1995	1	3	4	0.25	0.75
1996	1	2	3	0.23	0.77
1997	1	2	3	0.22	0.78
1998	1	2	2	0.22	0.78
1999		2	2	0.00	1.00
2000		1	1	0.00	1.00
2001		1	1	0.00	1.00
2002		1	1	0.00	1.00
2003					

Blinebry–Tubb		Drinkard			
YR	MCFPD	MCFPD	Total % Blinebry–Tubb	% Drinkard	
1995	257	153	410	0.63	0.37
1996	198	125	323	0.61	0.39
1997	152	101	254	0.60	0.40
1998	117	83	200	0.59	0.41
1999	91	67	158	0.57	0.43
2000	70	55	125	0.56	0.44
2001	54	45	98	0.55	0.45
2002	41	36	78	0.53	0.47
2003	32	30	61	0.52	0.48
2004	25	24	49	0.51	0.49
2005	19	20	39	0.49	0.51
2006	15	16	31	0.48	0.52
2007	11	13	24	0.46	0.54

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **21**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #113 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #113

YR	Blinebry–Tubb BOPD	Drinkard BOPD	Total	% Blinebry–Tubb	% Drinkard
1995	48	30	78	0.62	0.38
1996	37	27	64	0.58	0.42
1997	28	23	51	0.55	0.45
1998	22	19	41	0.53	0.47
1999	17	16	33	0.50	0.50
2000	13	14	27	0.48	0.52
2001	10	12	21	0.45	0.55
2002	7	10	17	0.43	0.57
2003	6	8	14	0.41	0.59
2004	4	7	11	0.39	0.61
2005	3	6	9	0.36	0.64
2006	3	5	8	0.34	0.66
2007	2	4	6	0.32	0.68

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total	% Blinebry–Tubb	% Drinkard
1995	502	237	739	0.68	0.32
1996	403	213	616	0.65	0.35
1997	324	173	497	0.65	0.35
1998	261	141	402	0.65	0.35
1999	210	115	324	0.65	0.35
2000	169	93	262	0.64	0.36
2001	136	76	212	0.64	0.36
2002	109	62	171	0.64	0.36
2003	88	50	138	0.64	0.36
2004	71	41	112	0.63	0.37
2005	57	33	90	0.63	0.37
2006	46	27	73	0.63	0.37
2007	37	22	59	0.62	0.38

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 22
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #114 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #114

YR	Blinebry–Tubb BOPD	Drinkard BOPD	Total % Blinebry–Tubb	% Drinkard
1995	44	6	50	0.87
1996	34	5	39	0.86
1997	26	5	30	0.85
1998	20	4	24	0.83
1999	15	3	18	0.82
2000	12	3	14	0.81
2001	9	2	11	0.79
2002	7	2	9	0.77
2003	5	2	7	0.75
2004	4	1	5	0.74
2005	3	1	4	0.71
2006	2	1	3	0.70
2007	2		2	1.00

YR	Blinebry–Tubb MCFPD	Drinkard MCFPD	Total % Blinebry–Tubb	% Drinkard
1995	809	245	1054	0.77
1996	650	200	850	0.77
1997	523	162	685	0.76
1998	421	132	553	0.76
1999	338	108	446	0.76
2000	272	88	360	0.76
2001	219	71	290	0.75
2002	176	58	234	0.75
2003	141	47	189	0.75
2004	114	38	152	0.75
2005	91	31	123	0.74
2006	74	26	99	0.74
2007	59	21	80	0.74

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **23**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

W.U. #115 – Annual Allocation Formulas

Warren Unit Blinebry–Tubb DHC Drinkard Allocation Formula

Warren Unit #115

YR	Blinebry–Tubb BOPD	Drinkard BOPD	TOTAL	Formula % Blinebry–Tubb	% Drinkard
1995	66	37	103	0.64	0.36
1996	50	34	84	0.60	0.40
1997	39	29	67	0.58	0.42
1998	30	24	54	0.55	0.45
1999	23	20	43	0.53	0.47
2000	17	17	35	0.50	0.50
2001	13	15	28	0.48	0.52
2002	10	12	22	0.46	0.54
2003	8	10	18	0.43	0.57
2004	6	9	15	0.41	0.59
2005	5	7	12	0.38	0.62
2006	4	6	10	0.36	0.64
2007	3	5	8	0.34	0.66
2008	2	4	6	0.31	0.69

	Blinebry–Tubb MCFPD	Drinkard MCFPD	TOTAL	% Blinebry–Tubb	% Drinkard
1995	719	66	785	0.92	0.08
1996	578	59	637	0.91	0.09
1997	465	48	513	0.91	0.09
1998	374	39	413	0.91	0.09
1999	301	32	332	0.90	0.10
2000	242	26	268	0.90	0.10
2001	194	21	215	0.90	0.10
2002	156	17	173	0.90	0.10
2003	126	14	140	0.90	0.10
2004	101	11	112	0.90	0.10
2005	81	10	91	0.89	0.11
2006	65		65	1.00	0.00
2007	53		53	1.00	0.00

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 24
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

C - 116's

For Blinebry-Tubb & Drinkard Tests

FOR WARREN UNIT WELL NOS.

9, 10, 26, 94, 97, 98, 99, 113, 114, 115

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 25
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

Submit 2 copies to Appropriate District Office.
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X) ☐ Scheduled ☐ Completion ☒ Special												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL	OIL BBL.S.	GAS M.C.F.
Warren Unit (Blinebry-Tubb)	9	E	27	20S	38E	1/95			24	1		18	301	16,720
	9	E	27	20S	38E	3/88			24	0		10	60	6,000
Warren Unit (Drinkard)														

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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


Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title
3/2/95 Date
(915) 686-6548 Telephone No.

Submit 2 copies to Appropriate District Office.
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X) ☐ Scheduled ☐ Completion ☒ Special												
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBQ. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit (Blinebry-Tubb)	10	B	28	20S	38E	1/95			24	1		2	276	138,000
	10	B	28	20S	38E	10/57			24	0		11	78	7,090
Warren Unit (Drinkard)														

Instructions:

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Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
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(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Jerry W. Hoover
Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title

3/2/95
Date
(915) 686-6548
Telephone No.

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P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brizos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-1116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)		Completion ☐ Special ☒										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit (Blinebry-Tubb)	26	M	27	20S	38E	1/95			24	7		29	465	16,030
	26	M	27	20S	38E	5/89			24	0		3	86	28,660
Warren Unit (Drinkard)														

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.

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

Jerry W. Hoover
Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title
3/2/95
Date
(915) 686-6548
Telephone No.

(See Rule 301, Rule 1116 & appropriate pool rules.)

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea									
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)		Completion ☐ Special ☒									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.
		U	S	T						R	WATER BBL.S.	GRAV. OIL	
Warren Unit (Blinebry-Tubb)	94	F	28	20S	38E	1/95			24	20	16	379	23,750
	94	F	28	20S	38E	1/95			24	21	8	380	47,500
Warren Unit (Drinkard)													

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Jerry W. Hoover
Signature
Jerry W. Hoover, Sr. Conservation Coordinator

Printed name and title

3/2/95 (915) 686-6548
Date Telephone No.

Submit 2 copies to Appropriate District Office.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea									
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)		Completion ☐ Special ☒									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS - OIL RATIO CU FT/BBL	
		U	S	T						R	WATER BBL.S.	GRAV. OIL	OIL BBL.S.
Warren Unit (Blinebry-Tubb)	97	D	34	20S	38E	1/95			24	0	21	550	26,190
	97	D	34	20S	38E	5/94			24	102	6	73	12,160
Warren Unit (Drinkard)													

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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



Signature
Jerry W. Hoover, Sr. Conservation
Coordinator

Printed name and title

3/2/95

Date

(915) 686-6548

Telephone No.

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DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
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P.O. Drawer DD, Artesia, NM 88210
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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
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Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)		Completion ☐ Scheduled ☐ Special ☒										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit (Blinebry-Tubb)	98	A	28	205	38E	1/95				24	2	25	148	5,920
	98	A	28	205	38E	8/92				24	70	6	28	4,660
Warren Unit (Drinkard)														

Instructions:
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
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Report casing pressure in lieu of tubing pressure for any well producing through casing.

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

[Signature]
Signature
Jerry W. Hoover, Sr. Conservation Coordinator

Printed name and title

3/2/95 (915) 686-6548
Date Telephone No.

(See Rule 301, Rule 1116 & appropriate pool rules.)

Submit 2 copies to Appropriate District Office.
DISTRICT I
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State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-1116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X) ☐ Scheduled ☒ Special		Completion ☐ ☒										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/8BL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit (Blinebry-Tubb) Warren Unit (Drinkard)	99	A	33	20S	38E	1/95			24	0		1	200	200,000
	99	A	33	20S	38E	7/91			24	21		3	175	58,330

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F.
Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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


Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title

Date
3/2/95
(915) 686-6548
Telephone No.

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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-1116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard				County Lea							
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)		Scheduled ☐		Completion ☐ Special ☒							
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBQ. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/88L.
		U	S	T						R	WATER BBLS.	GRAV. OIL	
Warren Unit (Blinebry-Tubb)	113	0	28	20S	38E	1/95			24	3		51	9,840
	113	0	28	20S	38E	1/95			24	10		6	175 29,000 29,000
Warren Unit (Drinkard)													

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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


Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title

Date
3/2/95
(915) 686-6548
Telephone No.

Submit 2 copies to Appropriate
District Office.
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
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P.O. Drawer DD, Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-1116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator CONOCO INC.	Pool Warren Blinebry-Tubb/Warren Drinkard			County Lea										
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X)	Scheduled ☐	Completion ☐	Special ☒									
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW- ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
Warren Unit (Blinebry-Tubb)	114	C	28	20S	38E	1/95			24	36		46	890	19,340
	Warren Unit (Drinkard)	114	C	28	20S	38E	1/95		24	4		6	240	40,000

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

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


Signature
Jerry W. Hoover, Sr. Conservation
Coordinator
Printed name and title

Date
3/2/95
(915) 686-6548
Telephone No.

Submit 2 copies to Appropriate District Office.

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-116
Revised 1/1/89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

GAS - OIL RATIO TEST

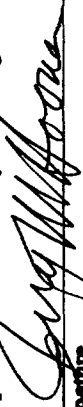
Operator CONOCO INC.		Pool Warren Blinebry-Tubb/Warren Drinkard		County Lea								
Address 10 DESTA DR STE 100W, MIDLAND, TX 79705		TYPE OF TEST - (X) ☒ S ☐ L ☐ S		Completion ☐ Scheduled ☒ Special								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST		GAS - OIL RATIO CU.FT/BBL.
		U	S	T						R	WATER BBL.S.	
Warren Unit (Blignebry-Tubb)	115	E	28	20S	38E	1/95			24	46	80	9,750
	115	E	28	20S	38E	1/95			24	10	12	12,040 12,040 123
Warren Unit (Drinkard)												

Instructions:

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Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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


Signature
Jerry W. Hoover, Sr. Conservation Coordinator
Printed name and title

Date
3/2/95
(915) 686-6548
Telephone No.

BLINEBRY - TUBB

OIL & GAS PRODUCTION CURVES

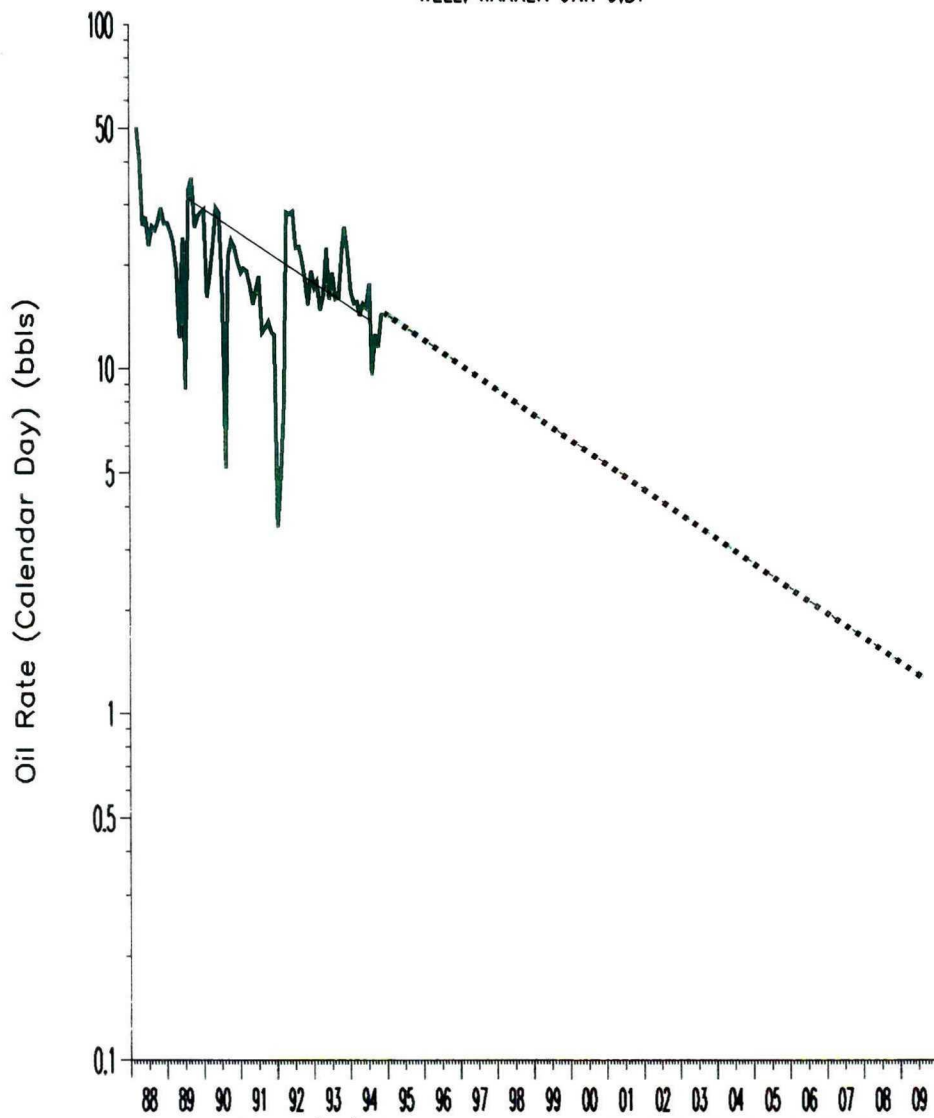
FOR WARREN UNIT WELL NOS.

9, 10, 26, 94, 97, 98, 99, 113, 114, 115

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **26**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WELL: WARREN UNIT 9:BT



Decline Rate (frac) Nominal: 0.013825 Effective: 0.013729 Annual: 0.152865

Current Oil rate: 14.4 bbls/d

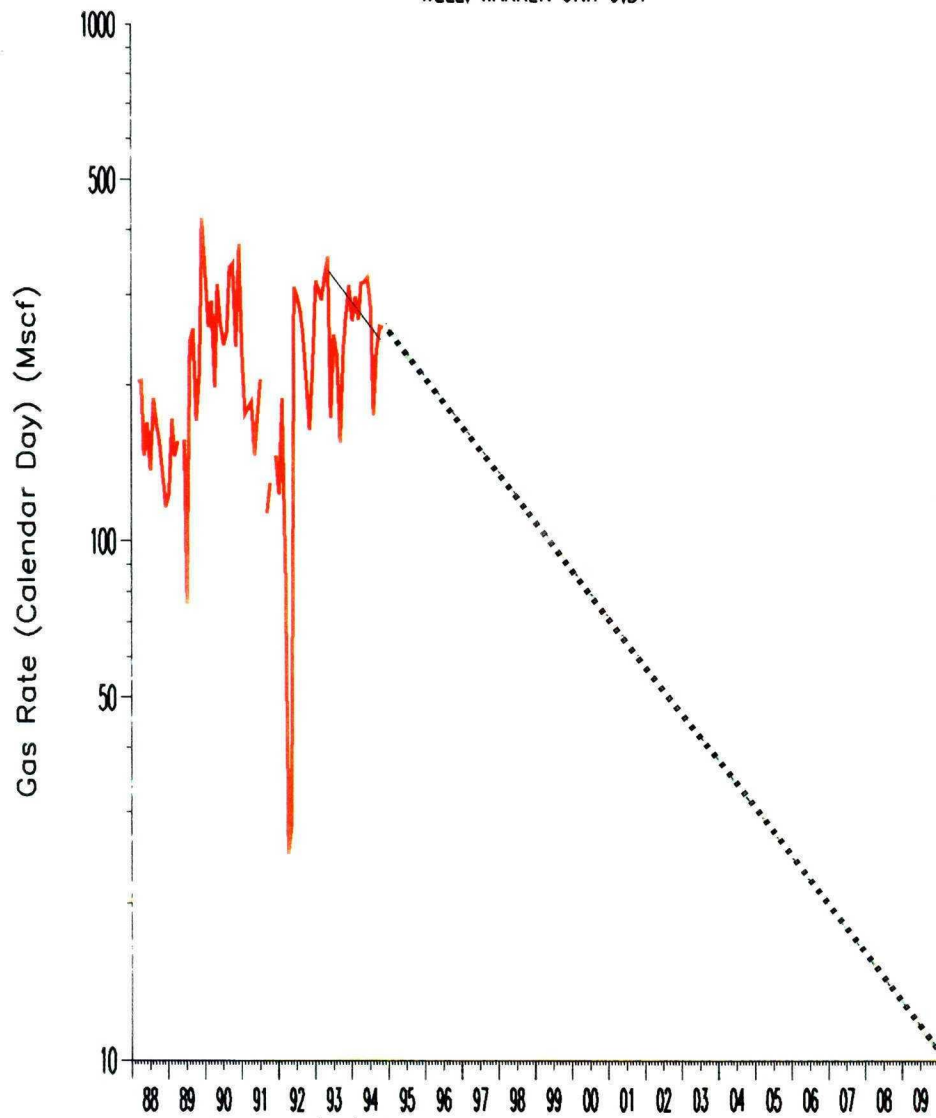
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 49.9 Mbbls

Remaining Reserves: 29.1 Mbbls

Total Reserves: 79.0 Mbbls - At End of Forecast

WELL: WARREN UNIT 9:BT



Decline Rate (frac) Nominal: 0.017835 Effective: 0.017676 Annual: 0.192663

Current Gas rate: 258.70 Mscf/d

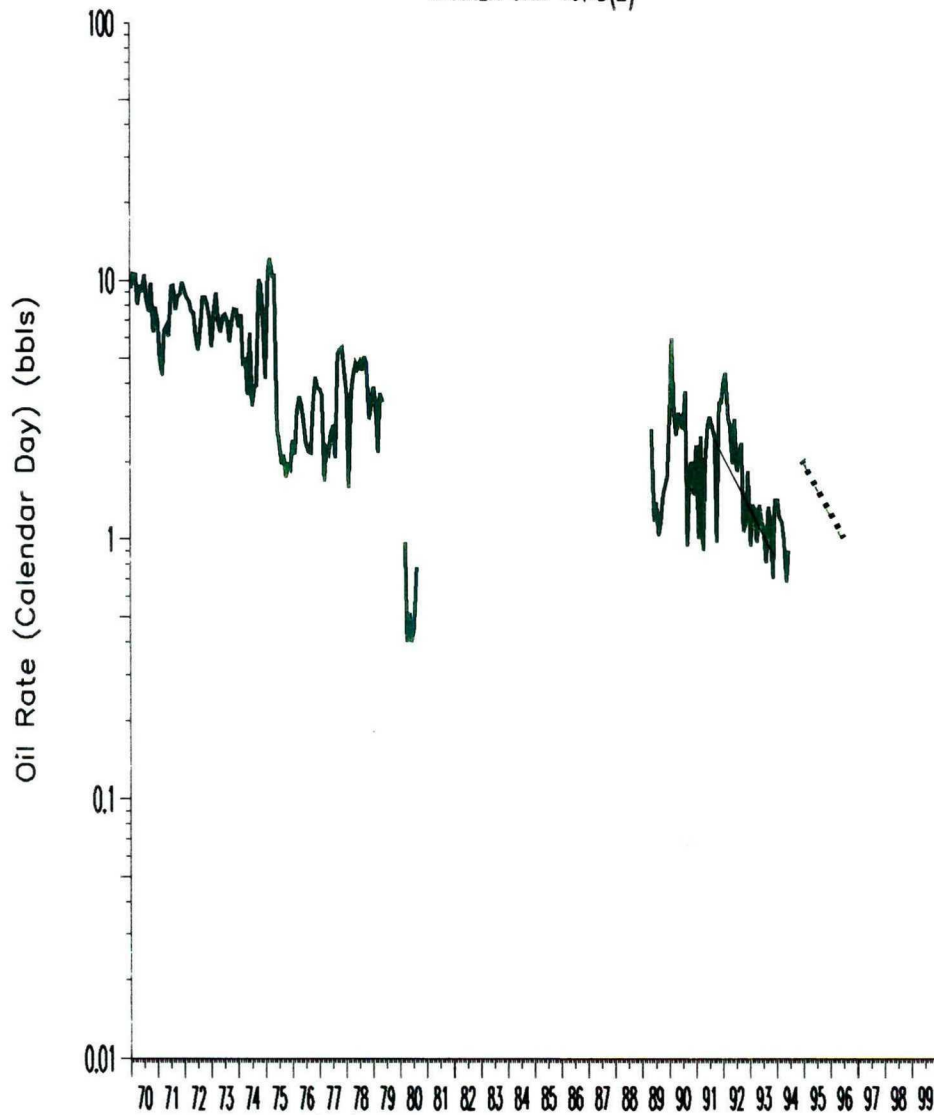
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 525.91 MMscf

Remaining Reserves: 423.4 MMscf

Total Reserves: 949.3 MMscf - At End of Forecast

WARREN UNIT 10:TB(2)



Decline Rate (frac) Nominal: 0.040200 Effective: 0.039403 Annual: 0.382699

Current Oil rate: 2.0 bbls/d

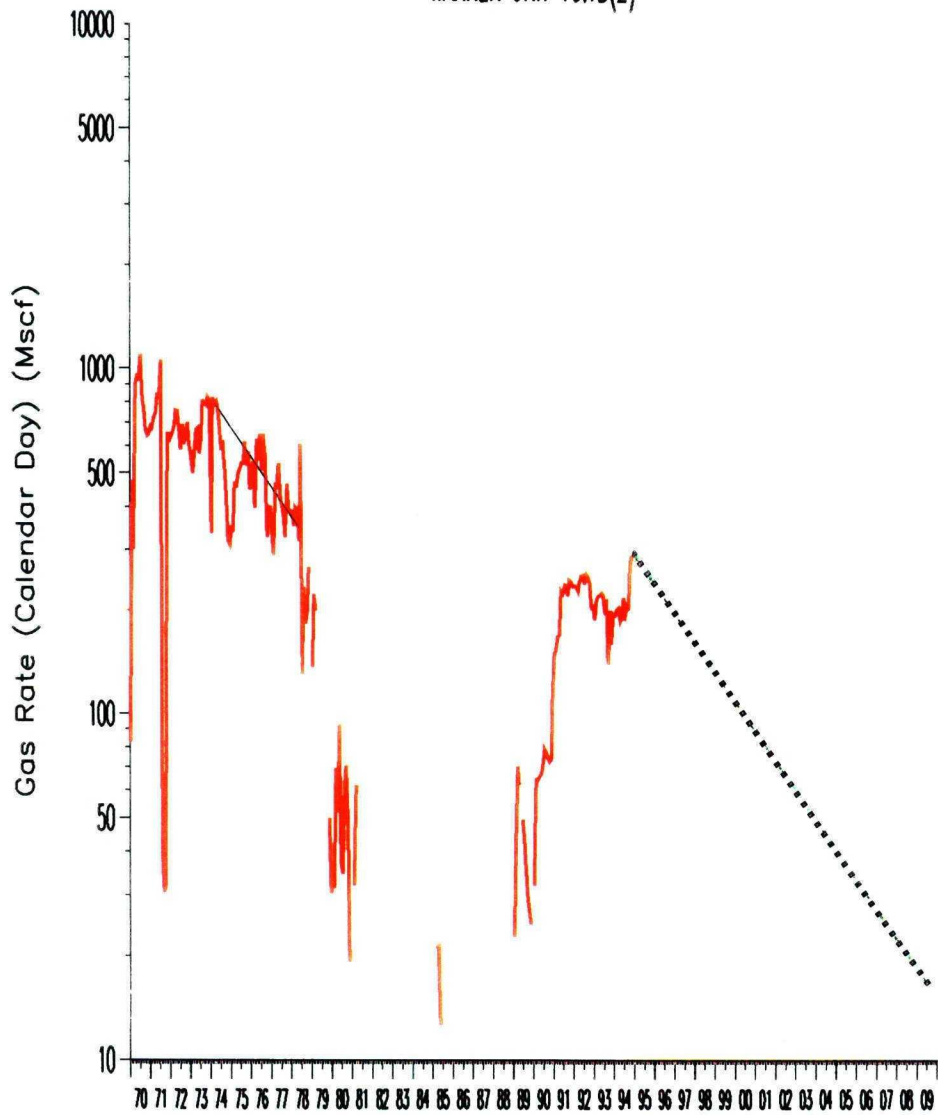
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 60.0 Mbbls

Remaining Reserves: 0.8 Mbbls

Total Reserves: 60.8 Mbbls - At the Economic Limit

WARREN UNIT 10:TB(2)



Decline Rate (frac) Nominal: 0.016404 Effective: 0.016270 Annual: 0.178683

Current Gas rate: 288.40 Mscf/d

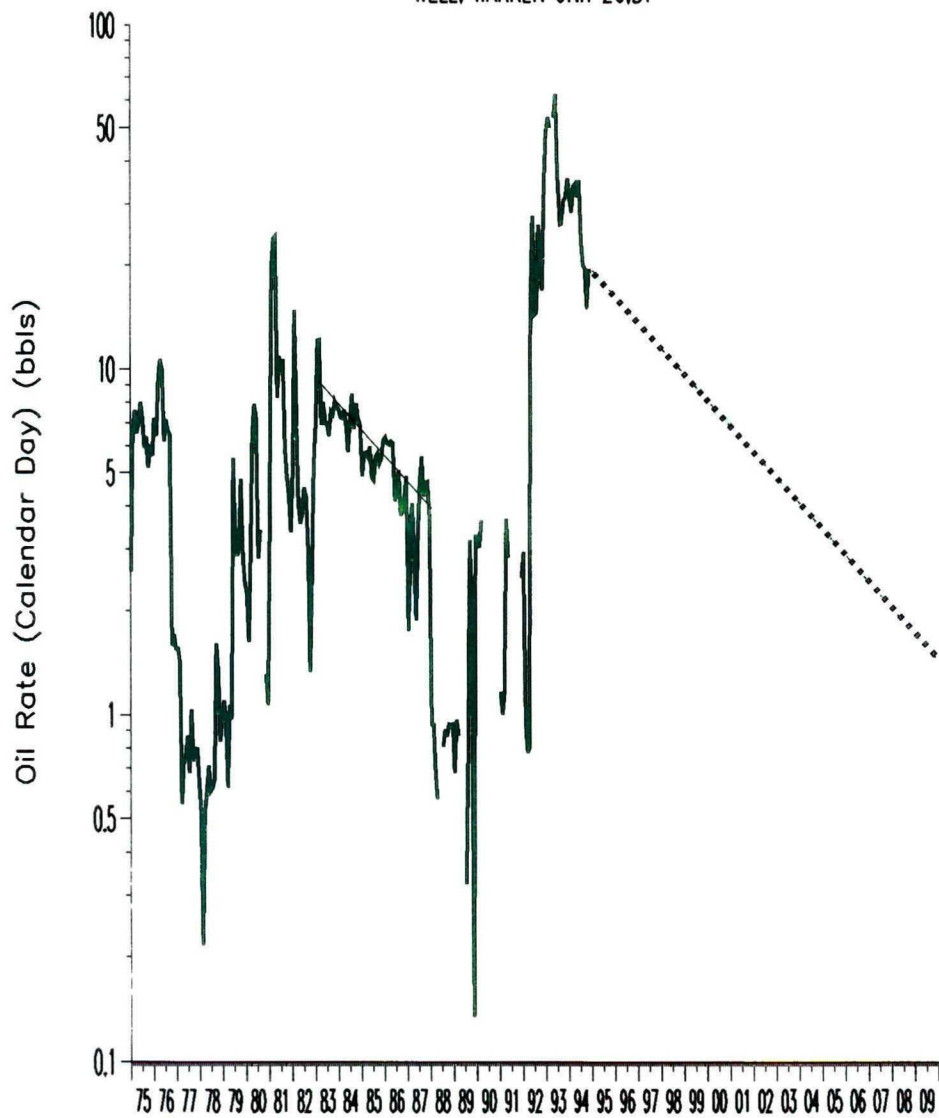
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 4023.38 MMscf

Remaining Reserves: 506.8 MMscf

Total Reserves: 4530.2 MMscf - At End of Forecast

WELL: WARREN UNIT 26:BT



Decline Rate (frac) Nominal: 0.014469 Effective: 0.014365 Annual: 0.159392

Current Oil rate: 19.5 bbls/d

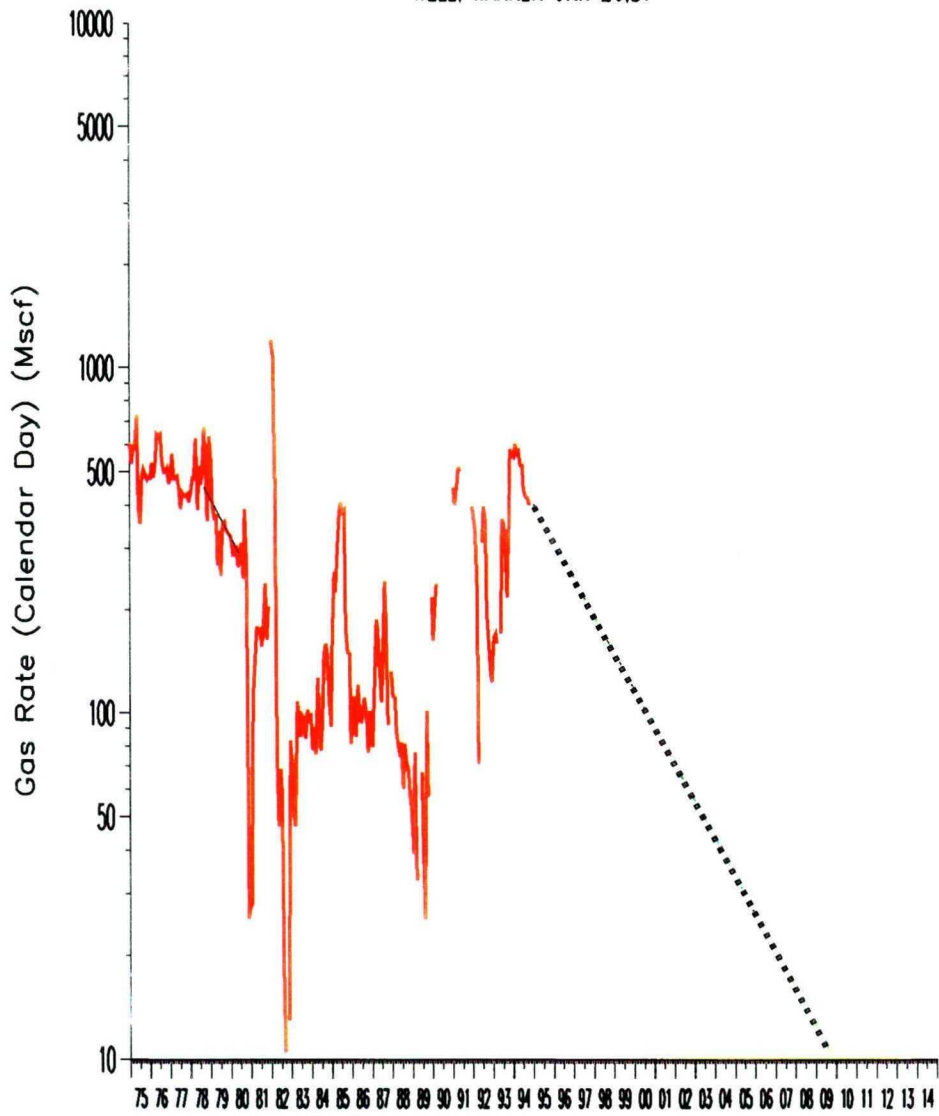
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 53.2 Mbbls

Remaining Reserves: 38.0 Mbbls

Total Reserves: 91.1 Mbbls - At End of Forecast

WELL: WARREN UNIT 26:BT



Decline Rate (frac) Nominal: 0.020760 Effective: 0.020546 Annual: 0.220511

Current Gas rate: 404.60 Mscf/d

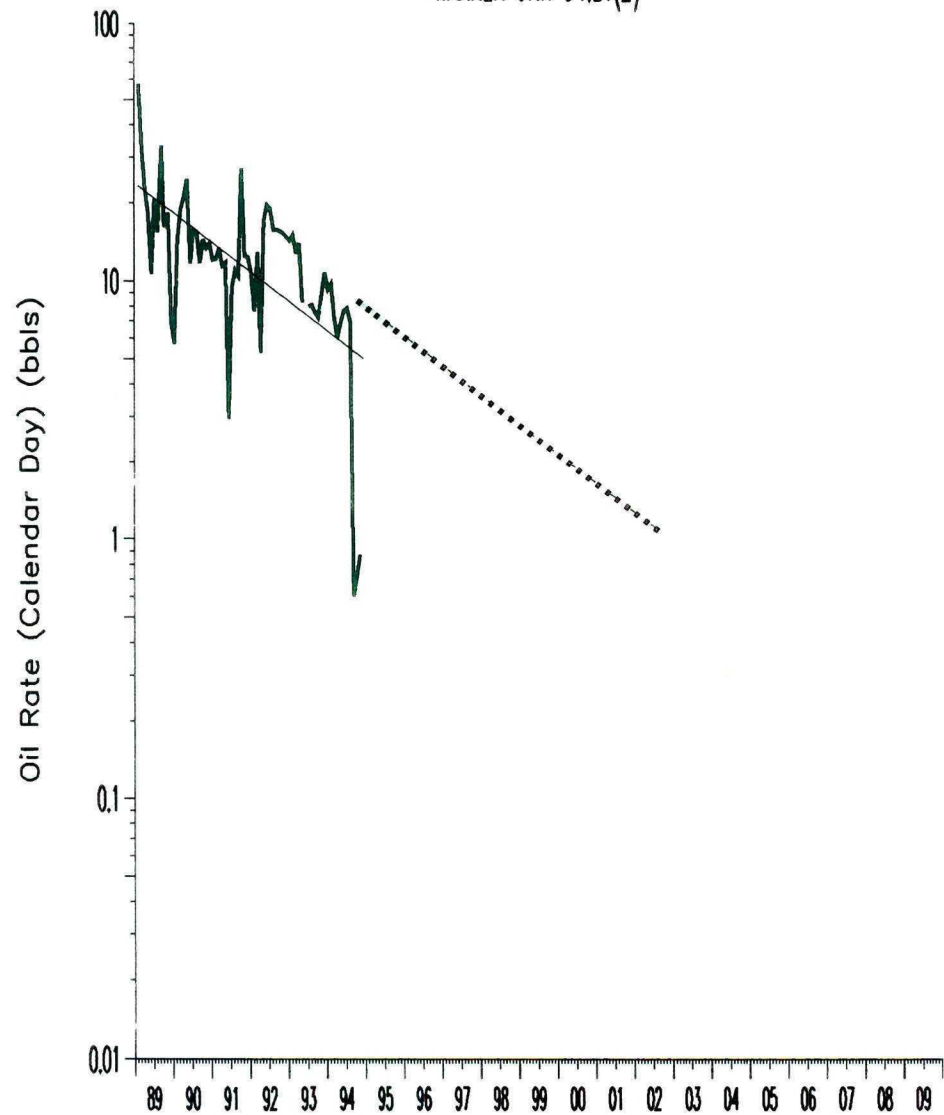
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 1856.68 MMscf

Remaining Reserves: 578.4 MMscf

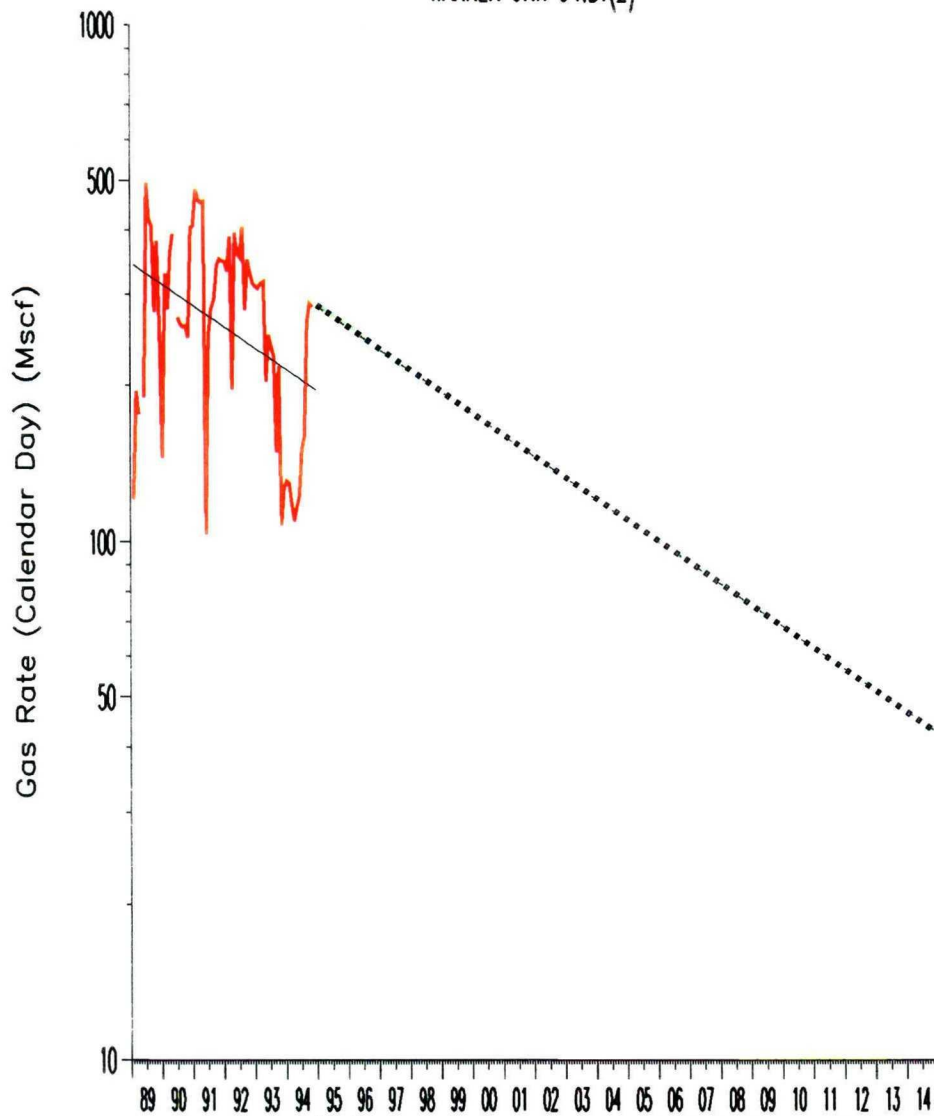
Total Reserves: 2435.1 MMscf - At the Economic Limit

WARREN UNIT 94:BT(2)



Decline Rate (frac) Nominal: 0.021831 Effective: 0.021594 Annual: 0.230464
Current Oil rate: 8.0 bbls/d
Economic Limit: 1.0 bbls/d
Cumulative Oil Produced: 28.2 Mbbls
Remaining Reserves: 9.8 Mbbls
Total Reserves: 37.9 Mbbls - At the Economic Limit

WARREN UNIT 94:BT(2)



Decline Rate (frac) Nominal: 0.007919 Effective: 0.007888 Annual: 0.090651

Current Gas rate: 284.40 Mscf/d

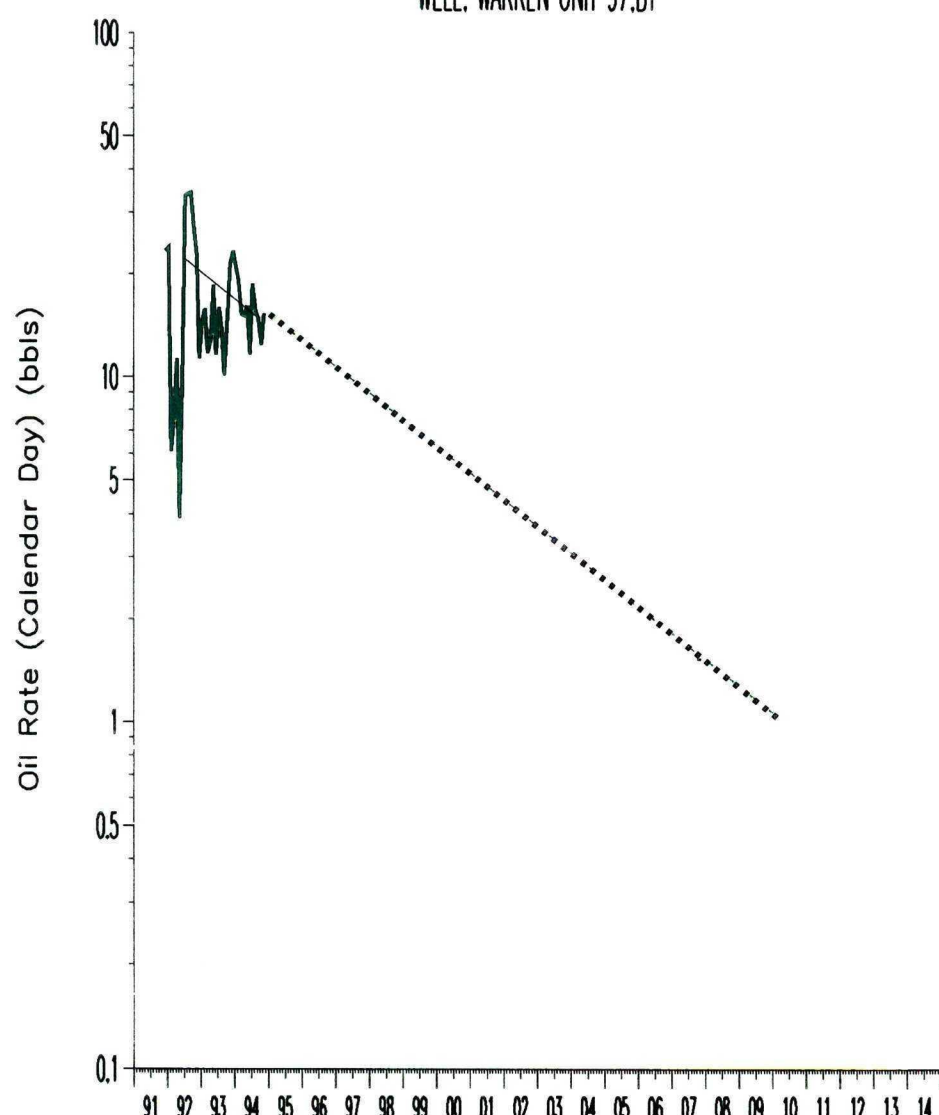
Economic Limit: 10,000 Mscf/d

Cumulative Gas Produced: 581.28 MMscf

Remaining Reserves: 929.1 MMscf

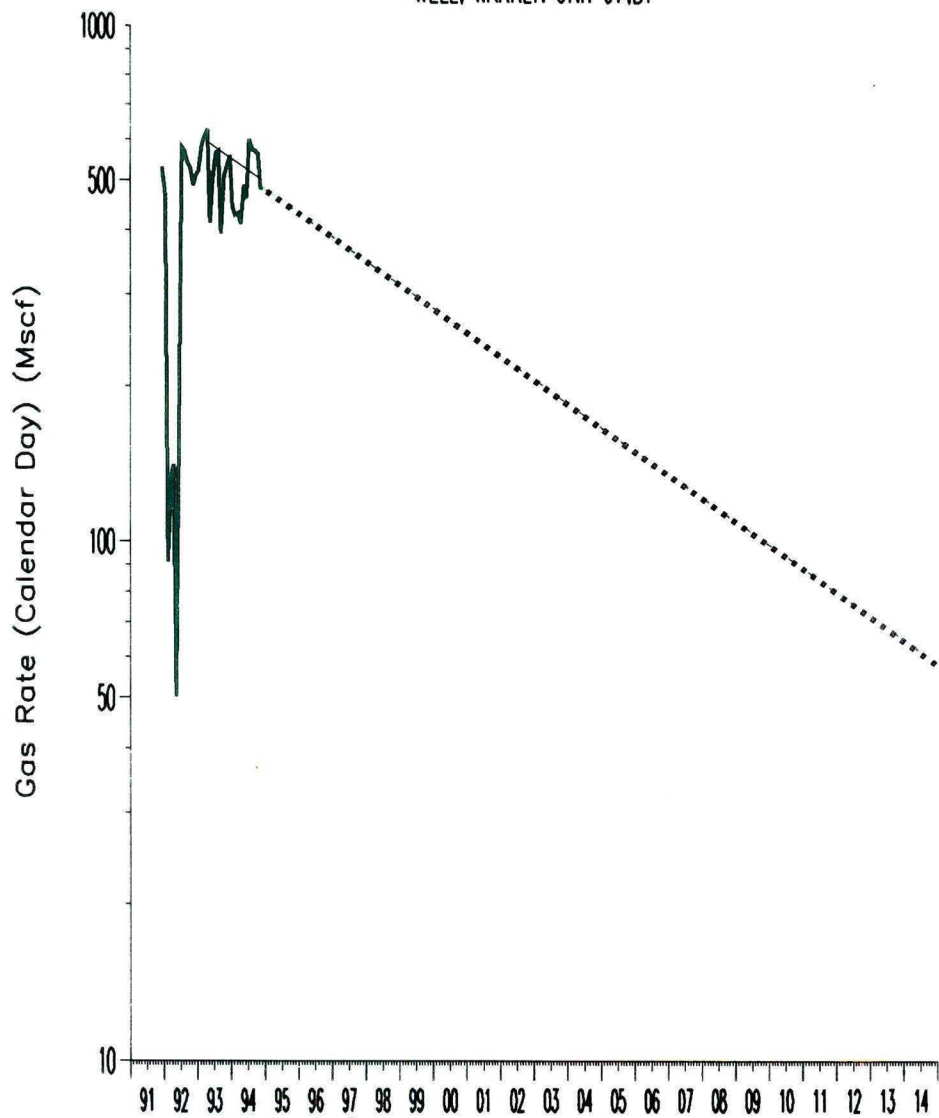
Total Reserves: 1510.4 MMscf - At End of Forecast

WELL: WARREN UNIT 97:BT



Decline Rate (frac) Nominal: 0.014773 Effective: 0.014665 Annual: 0.162453
Current Oil rate: 15.3 bbls/d
Economic Limit: 1.0 bbls/d
Cumulative Oil Produced: 18.6 Mbbls
Remaining Reserves: 29.5 Mbbls
Total Reserves: 48.1 Mbbls - At the Economic Limit

WELL: WARREN UNIT 97:BT



Decline Rate (frac) Nominal: 0.008781 Effective: 0.008743 Annual: 0.100012

Current Gas rate: 479.00 Mscf/d

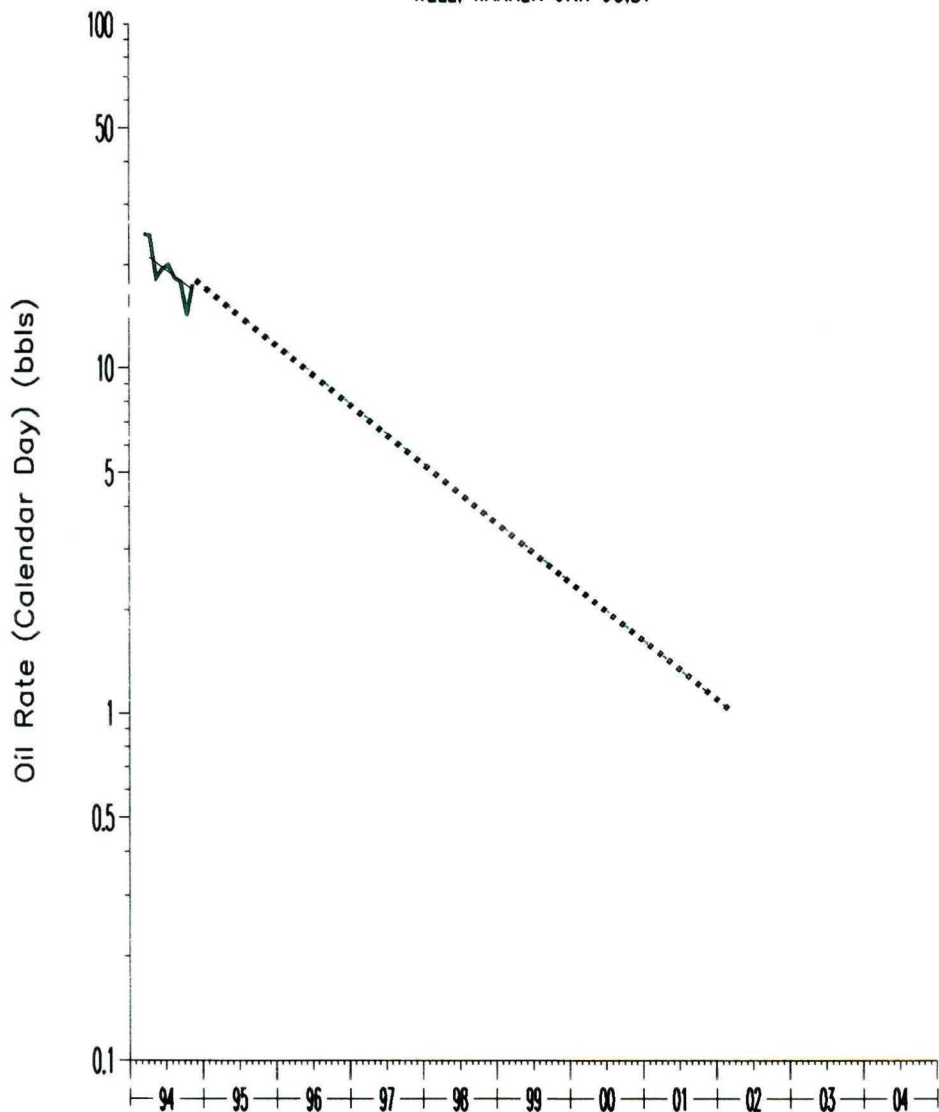
Economic Limit: 10,000 Mscf/d

Cumulative Gas Produced: 507.57 MMscf

Remaining Reserves: 1457.5 MMscf

Total Reserves: 1965.1 MMscf - At End of Forecast

WELL: WARREN UNIT 98:BT



Decline Rate (frac) Nominal: 0.032915 Effective: 0.032379 Annual: 0.326305

Current Oil rate: 17.5 bbls/d

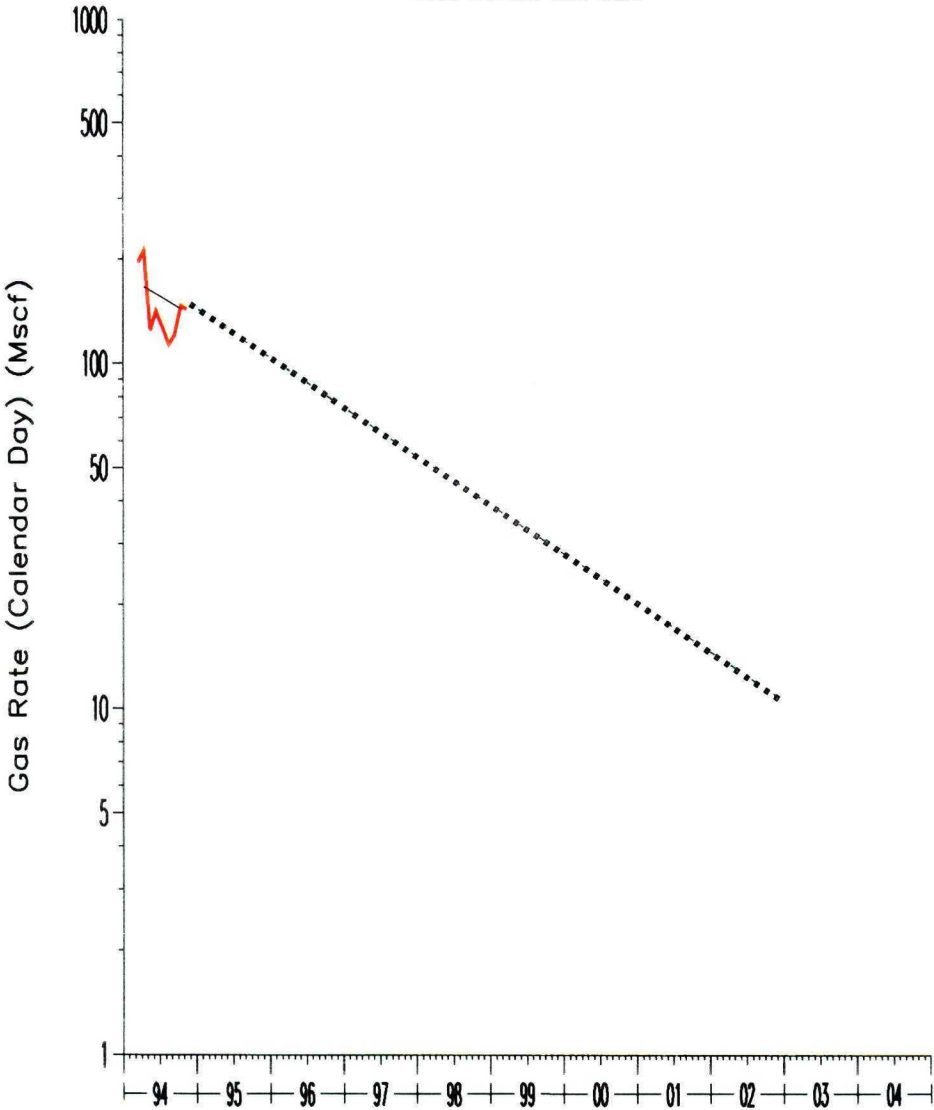
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 5.3 Mbbls

Remaining Reserves: 15.2 Mbbls

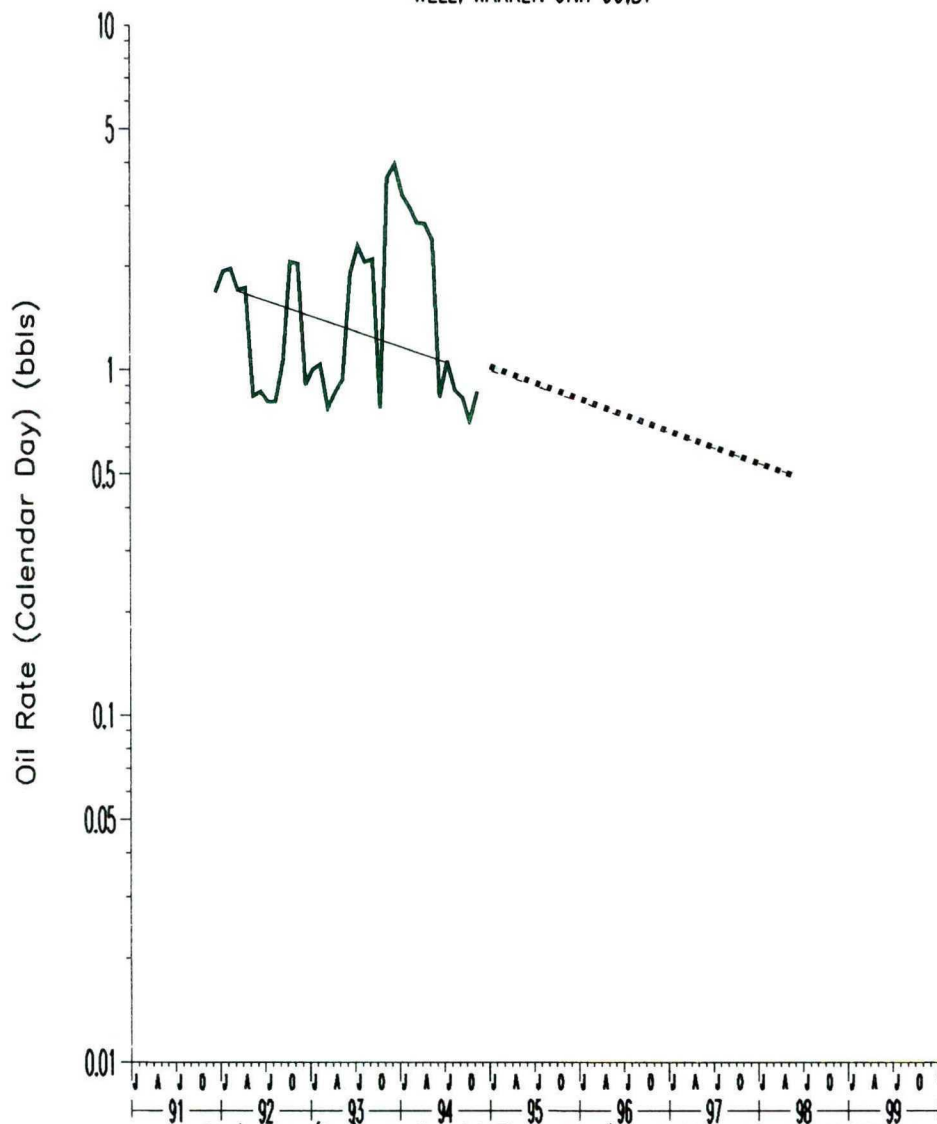
Total Reserves: 20.6 Mbbls - At the Economic Limit

WELL: WARREN UNIT 98:BT



Decline Rate (frac) Nominal: 0.027247 Effective: 0.026879 Annual: 0.278888
Current Gas rate: 144.10 Mscf/d
Economic Limit: 10.000 Mscf/d
Cumulative Gas Produced: 40.63 MMscf
Remaining Reserves: 149.7 MMscf
Total Reserves: 190.4 MMscf - At the Economic Limit

WELL: WARREN UNIT 99:BT



Decline Rate (frac) Nominal: 0.017047 Effective: 0.016903 Annual: 0.185001

Current Oil rate: 1.0 bbls/d

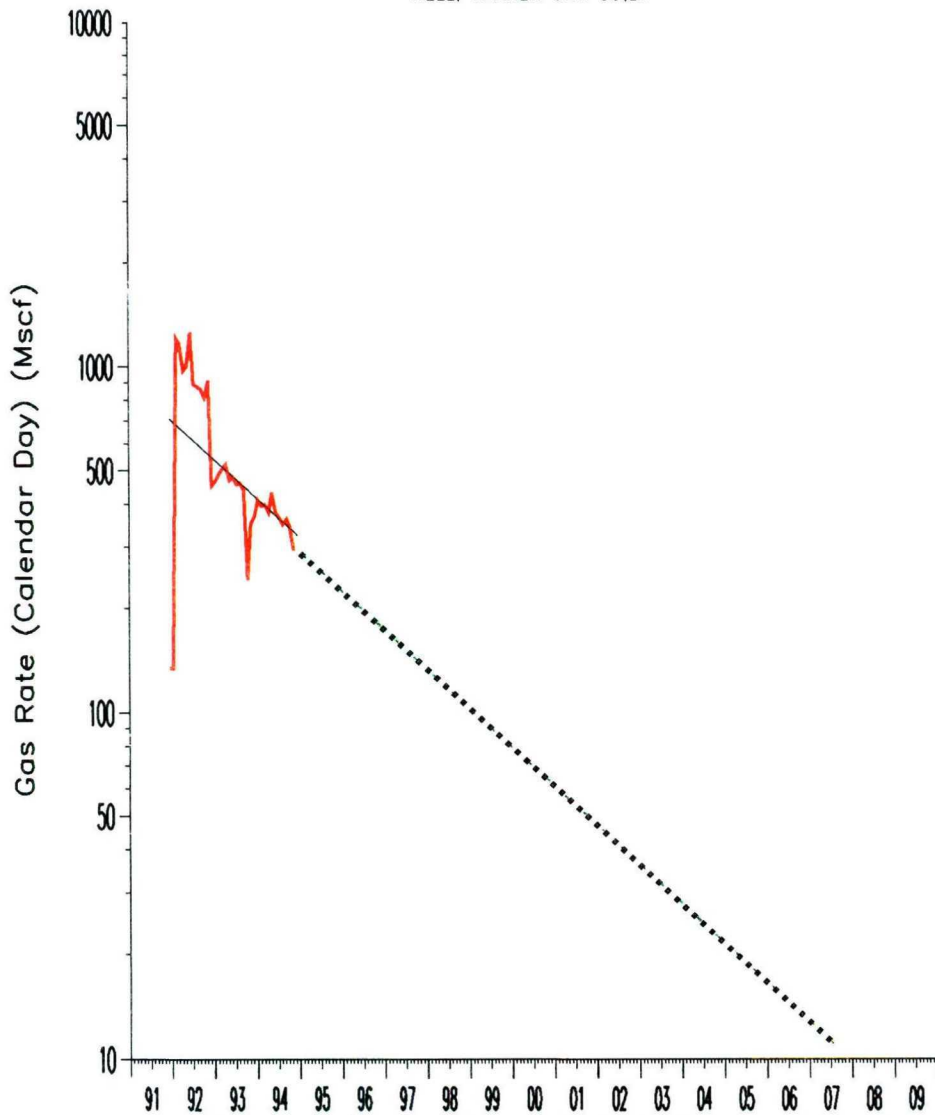
Economic Limit: 0.5 bbls/d

Cumulative Oil Produced: 1.8 Mbbls

Remaining Reserves: 0.9 Mbbls

Total Reserves: 2.7 Mbbls - At the Economic Limit

WELL: WARREN UNIT 99:BT



Decline Rate (frac) Nominal: 0.021718 Effective: 0.021484 Annual: 0.229426

Current Gas rate: 291.70 Mscf/d

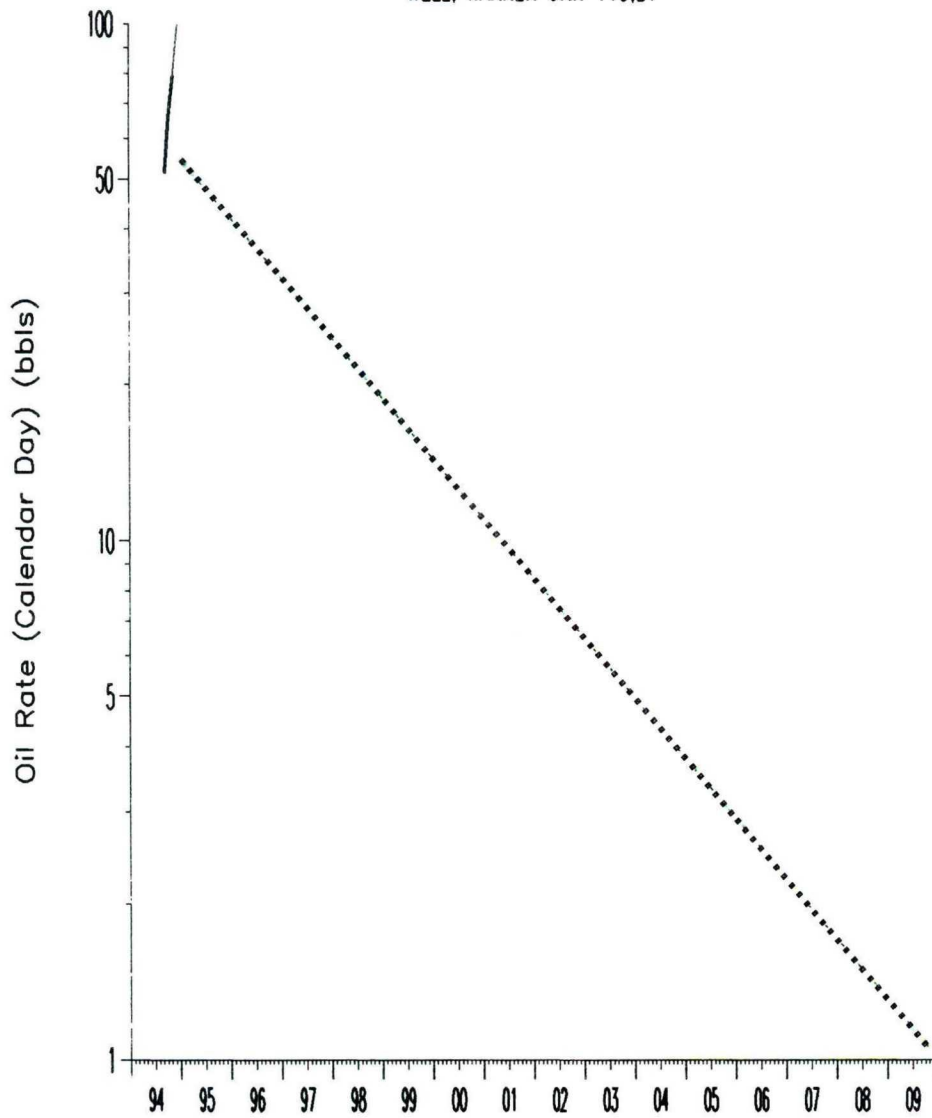
Economic Limit: 10,000 Mscf/d

Cumulative Gas Produced: 607.78 MMscf

Remaining Reserves: 394.7 MMscf

Total Reserves: 1002.5 MMscf - At the Economic Limit

WELL: WARREN UNIT 113:BT



Current Decline : 0.022000

Current Oil rate: 55.0 bbls/d

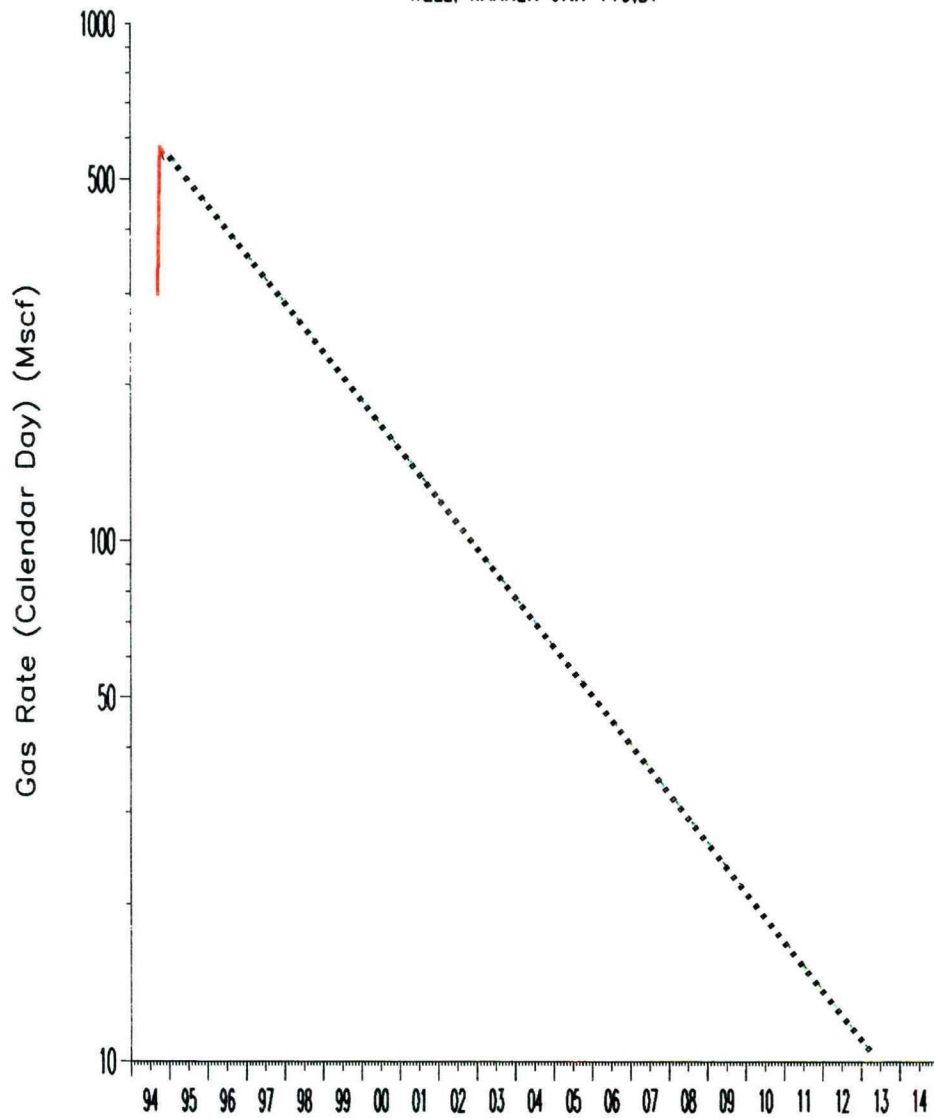
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 5.9 Mbbls

Remaining Reserves: 73.8 Mbbls

Total Reserves: 79.8 Mbbls - At End of Forecast

WELL: WARREN UNIT 113:BT



Current Decline : 0.018000

Current Gas rate: 558.20 Mscf/d

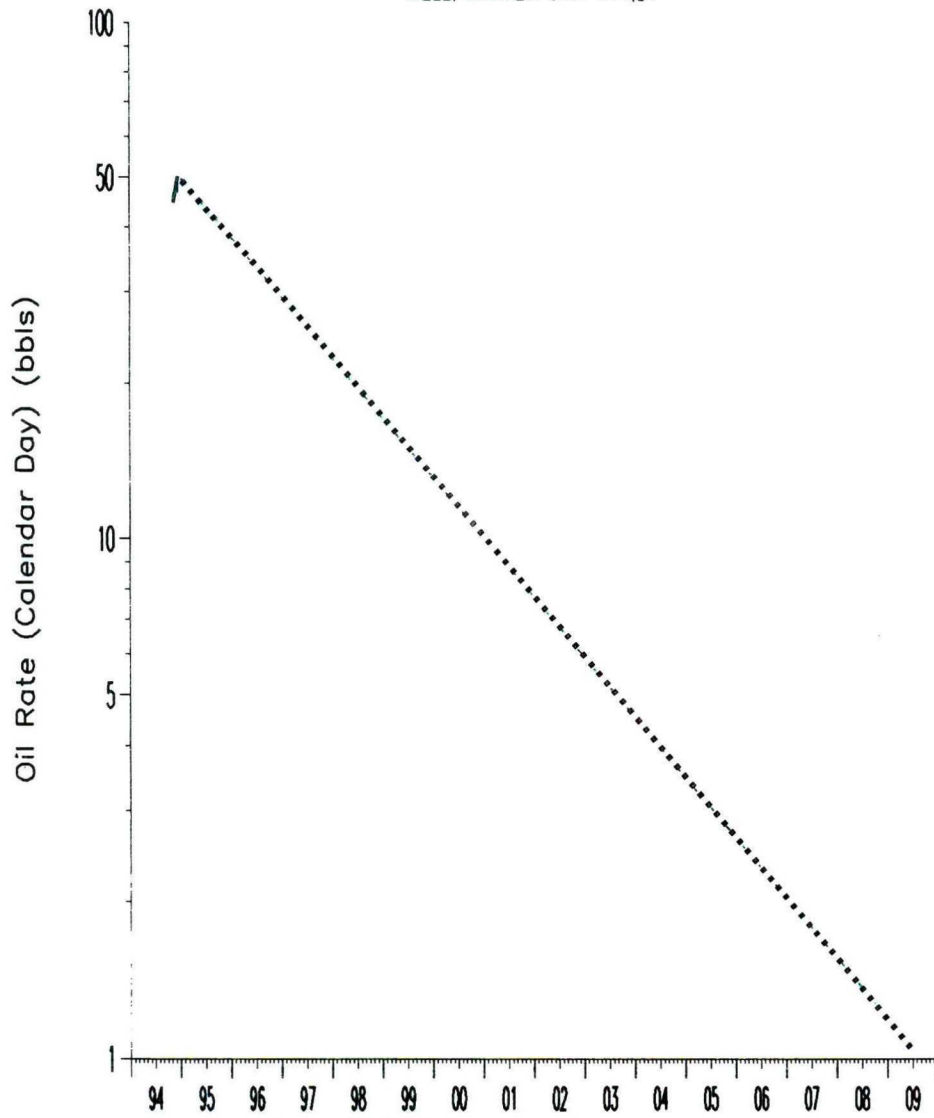
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 43.65 MMscf

Remaining Reserves: 918.2 MMscf

Total Reserves: 961.8 MMscf - At the Economic Limit

WELL: WARREN UNIT 114:BT



Current Decline : 0.022000

Current Oil rate: 50.1 bbls/d

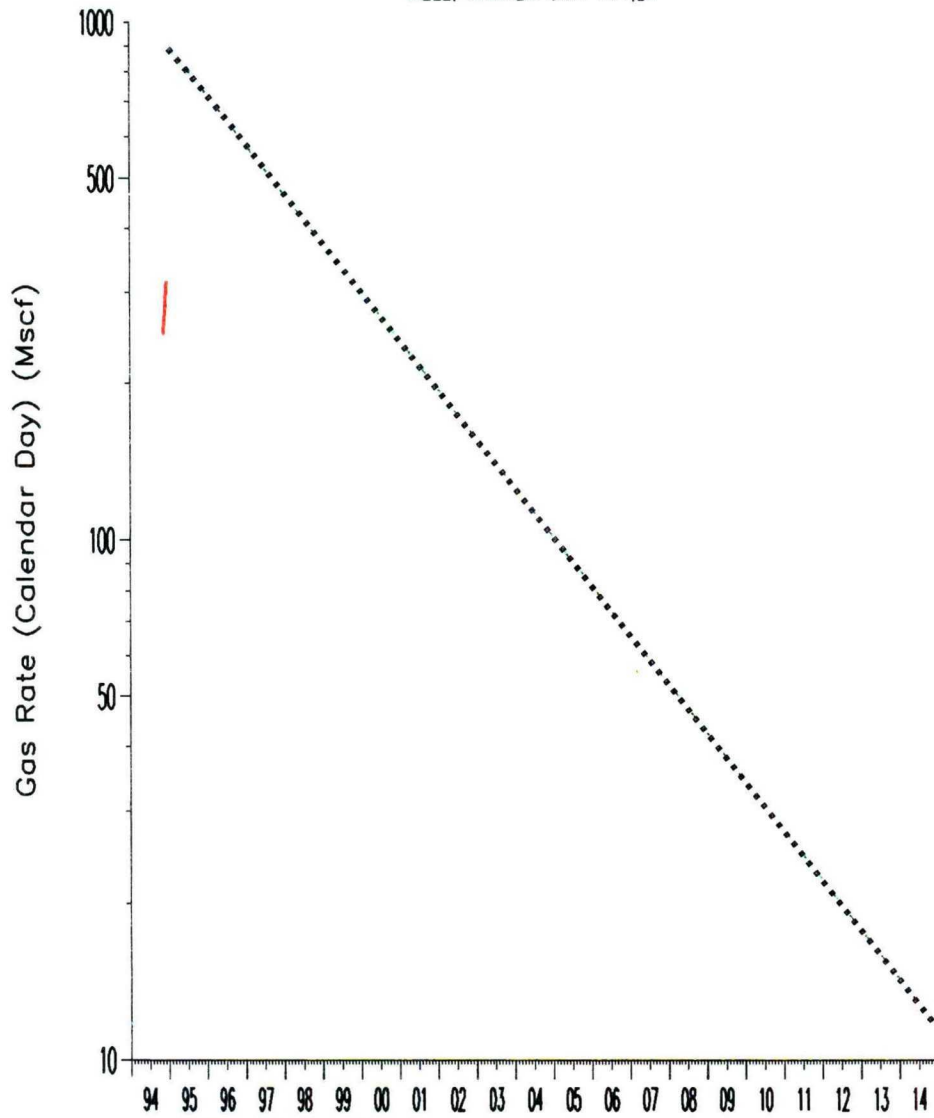
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 2.9 Mbbls

Remaining Reserves: 67.1 Mbbls

Total Reserves: 70.0 Mbbls - At the Economic Limit

WELL: WARREN UNIT 114:BT



Current Decline : 0.018000

Current Gas rate: 900.00 Mscf/d

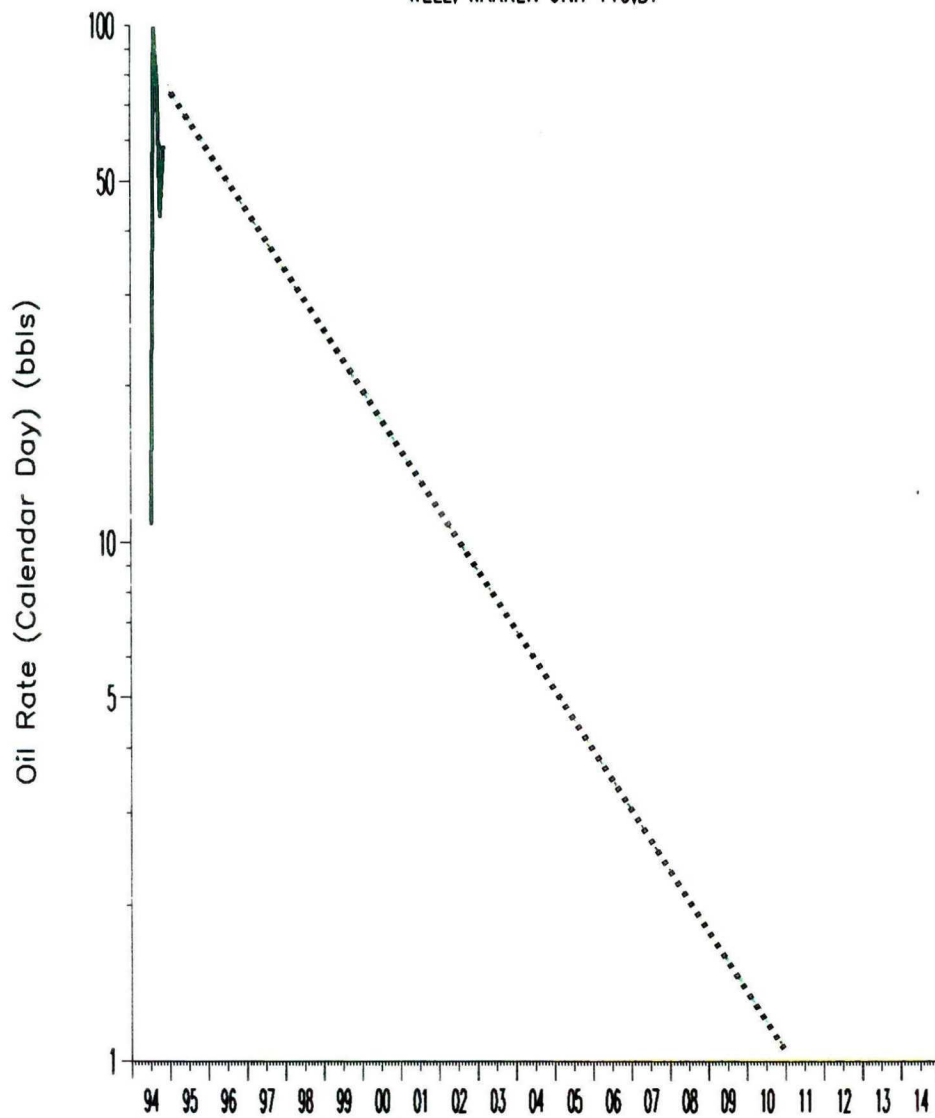
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 17.26 MMscf

Remaining Reserves: 1487.8 MMscf

Total Reserves: 1505.1 MMscf - At End of Forecast

WELL: WARREN UNIT 115:BT



Current Decline : 0.022000

Current Oil rate: 75.0 bbls/d

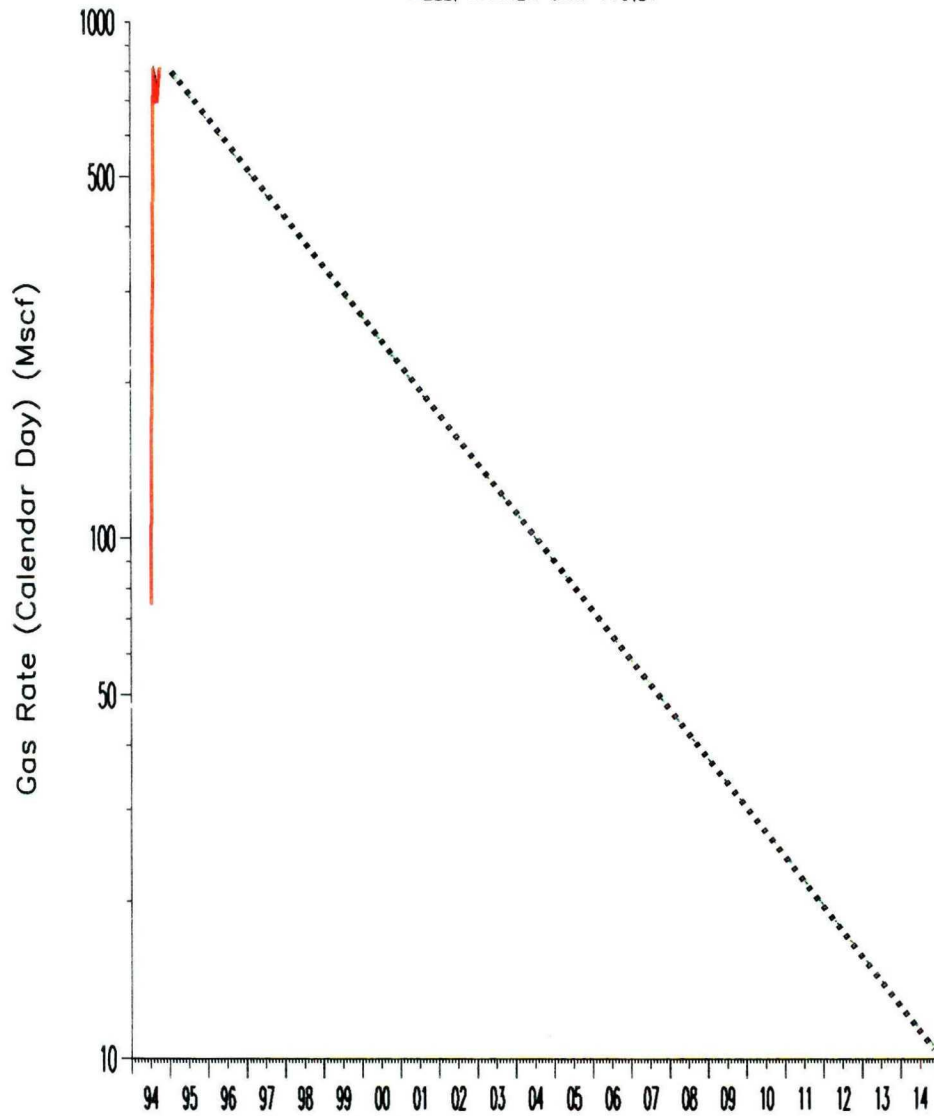
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 8.8 Mbbls

Remaining Reserves: 101.2 Mbbls

Total Reserves: 110.0 Mbbls - At the Economic Limit

WELL: WARREN UNIT 115:BT



Current Decline : 0.018000

Current Gas rate: 800.00 Mscf/d

Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 103.58 MMscf

Remaining Reserves: 1322.5 MMscf

Total Reserves: 1426.1 MMscf - At End of Forecast

DRINKARD

OIL & GAS PRODUCTION CURVES

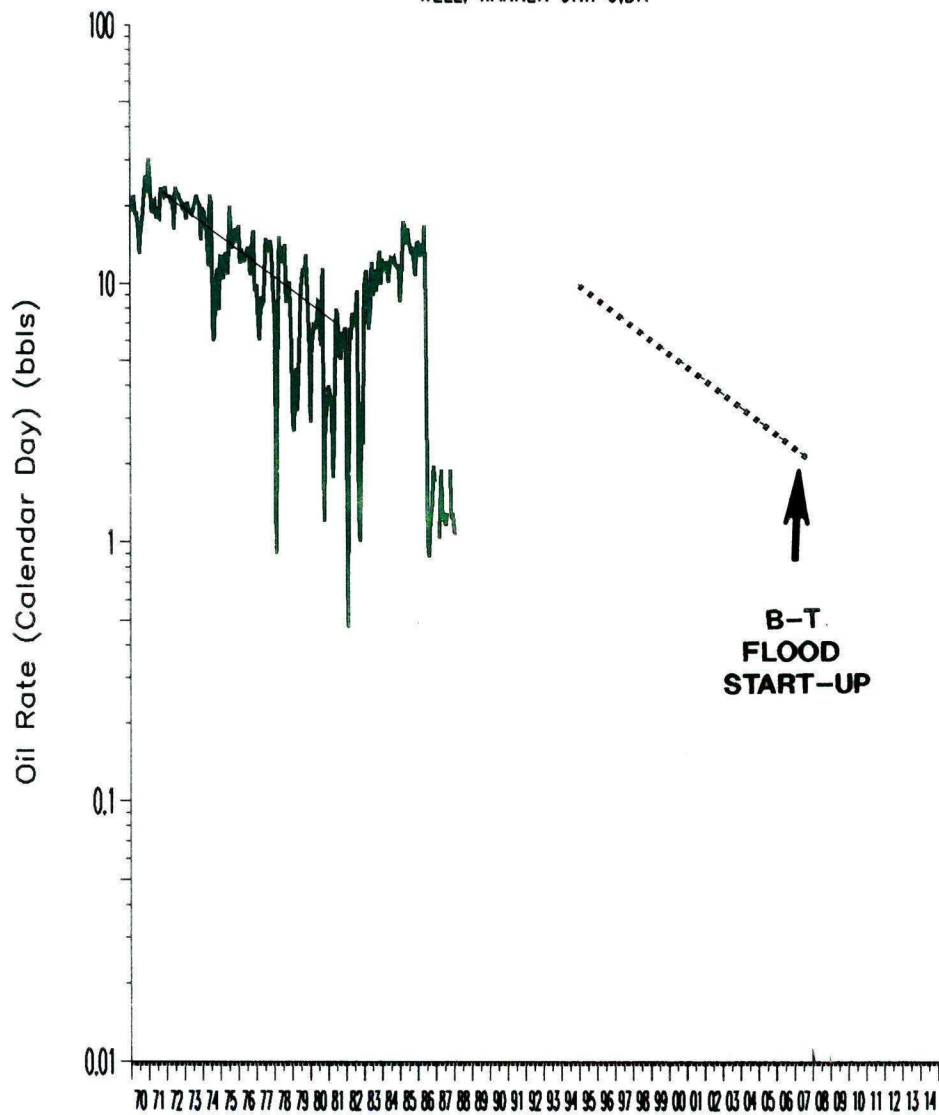
FOR WARREN UNIT WELL NOS.

9, 10, 26, 94, 97, 98, 99, 113, 114, 115

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. 27
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WELL: WARREN UNIT 9:DR



Decline Rate (frac) Nominal: 0.010105 Effective: 0.010054 Annual: 0.114195

Current Oil rate: 10.0 bbls/d

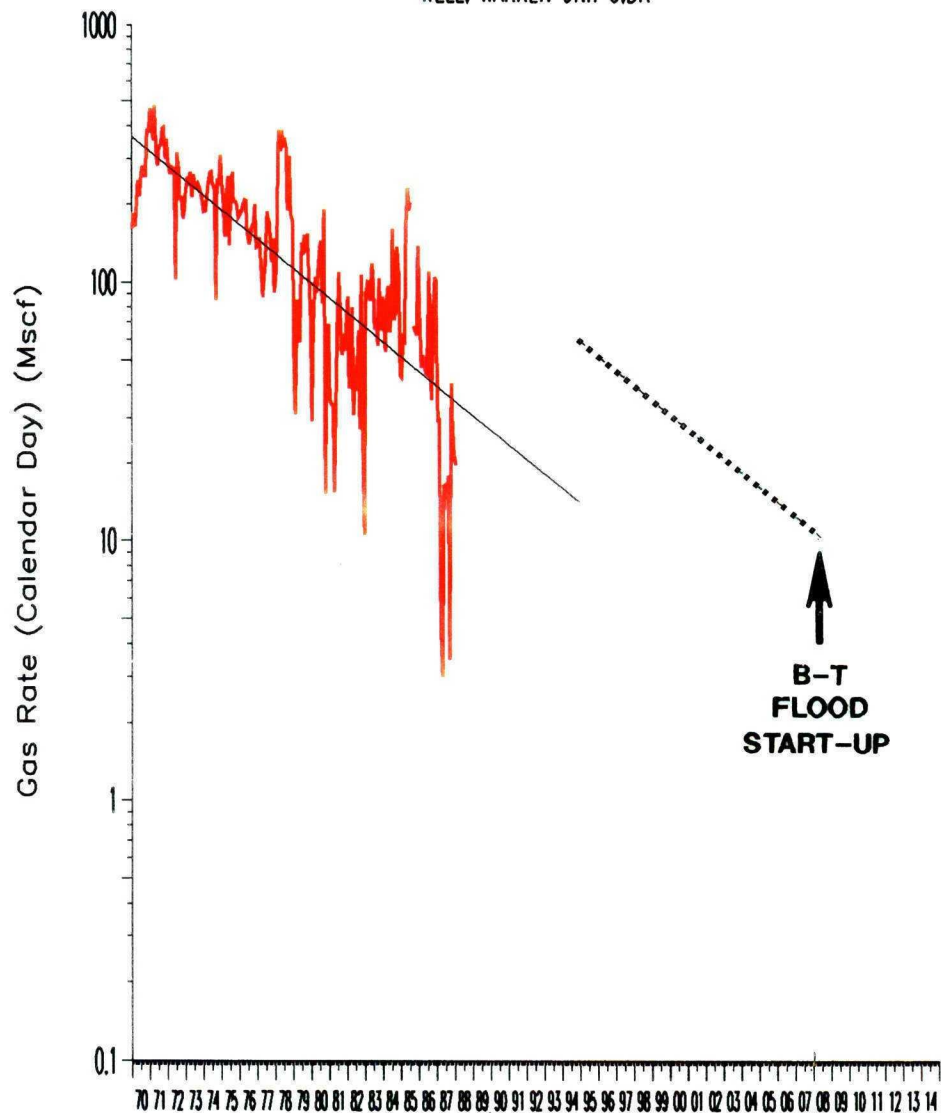
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 304.0 Mbbls

Remaining Reserves: 27.1 Mbbls

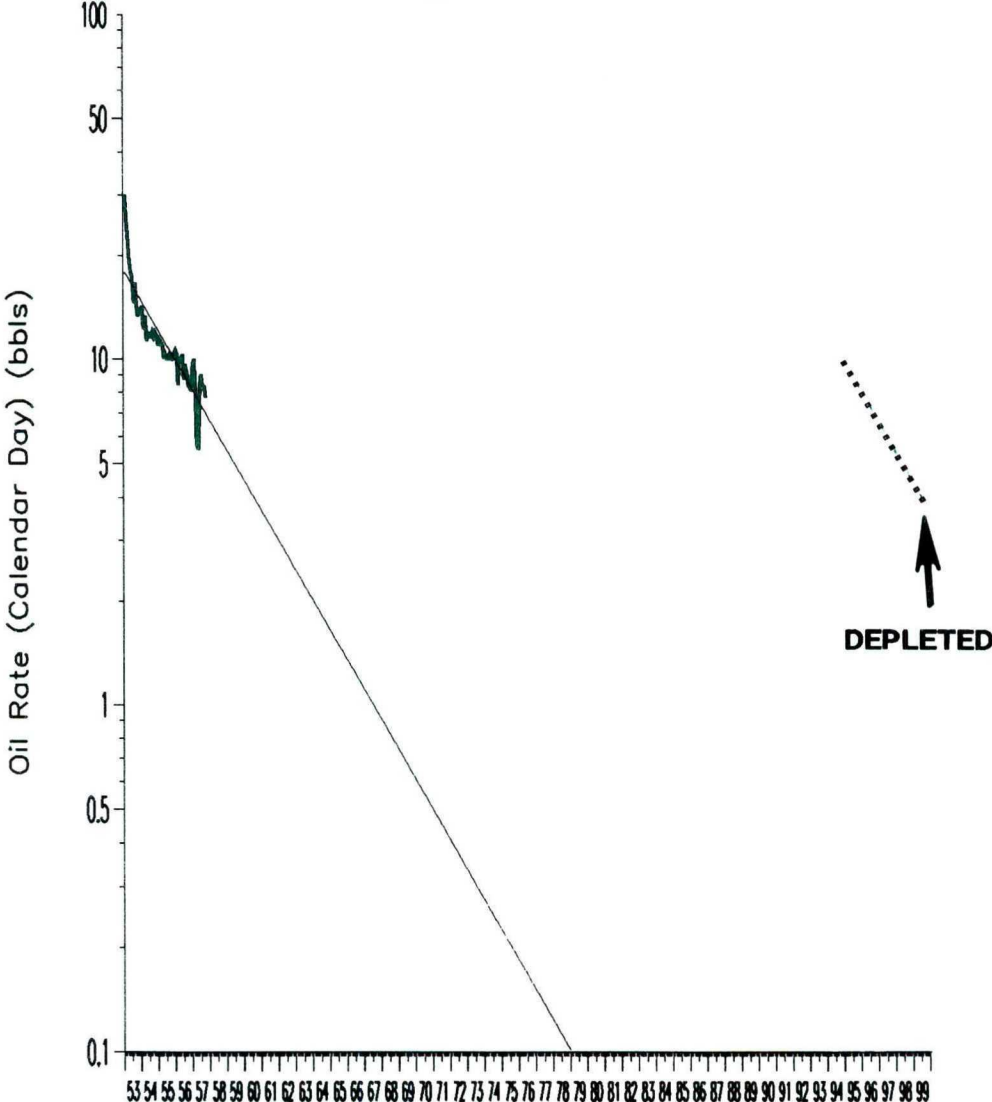
Total Reserves: 331.1 Mbbls - At the Economic Limit

WELL: WARREN UNIT 9:DR



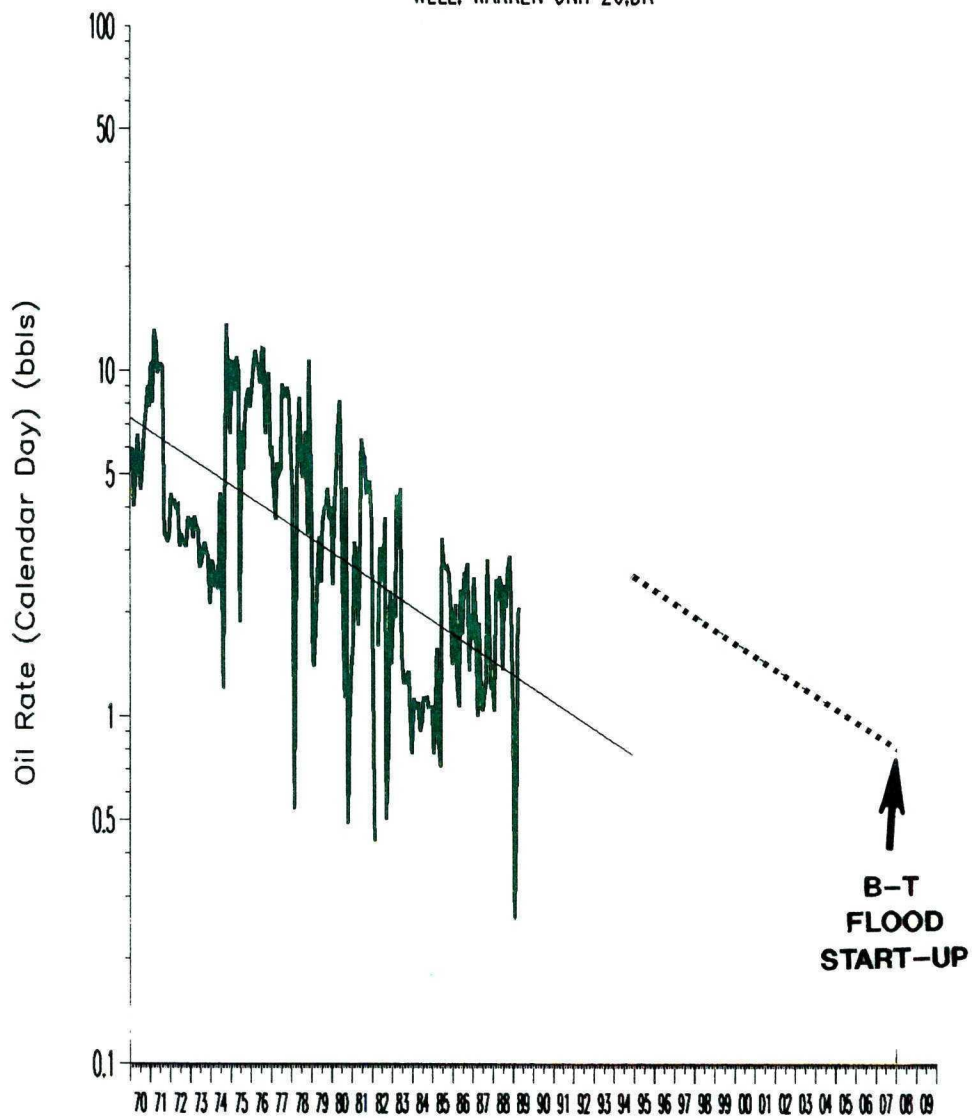
Decline Rate (frac) Nominal: 0.010870 Effective: 0.010811 Annual: 0.122293
Current Gas rate: 60.00 Mscf/d
Economic Limit: 10.000 Mscf/d
Cumulative Gas Produced: 1950.75 MMscf
Remaining Reserves: 140.0 MMscf
Total Reserves: 2090.7 MMscf - At the Economic Limit

WELL: WARREN UNIT 10:DR



Decline Rate (frac) Nominal: 0.016675 Effective: 0.016536 Annual: 0.181348
Current Oil rate: 10.0 bbls/d
Economic Limit: 1.0 bbls/d
Cumulative Oil Produced: 20.3 Mbbls
Remaining Reserves: 16.4 Mbbls
Total Reserves: 36.8 Mbbls - At the Economic Limit

WELL: WARREN UNIT 26:DR



Decline Rate (frac) Nominal: 0.007508 Effective: 0.007480 Annual: 0.086159

Current Oil rate: 2.6 bbls/d

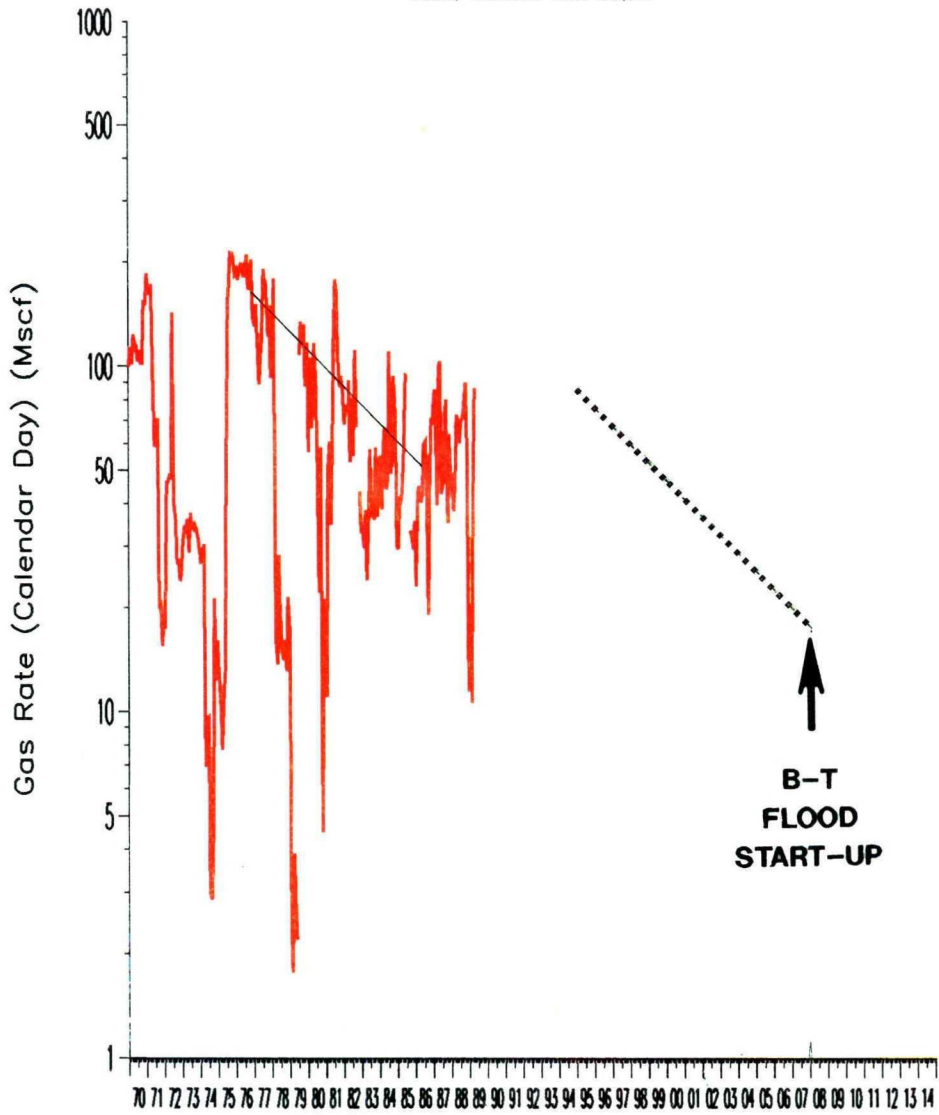
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 58.6 Mbbls

Remaining Reserves: 6.5 Mbbls

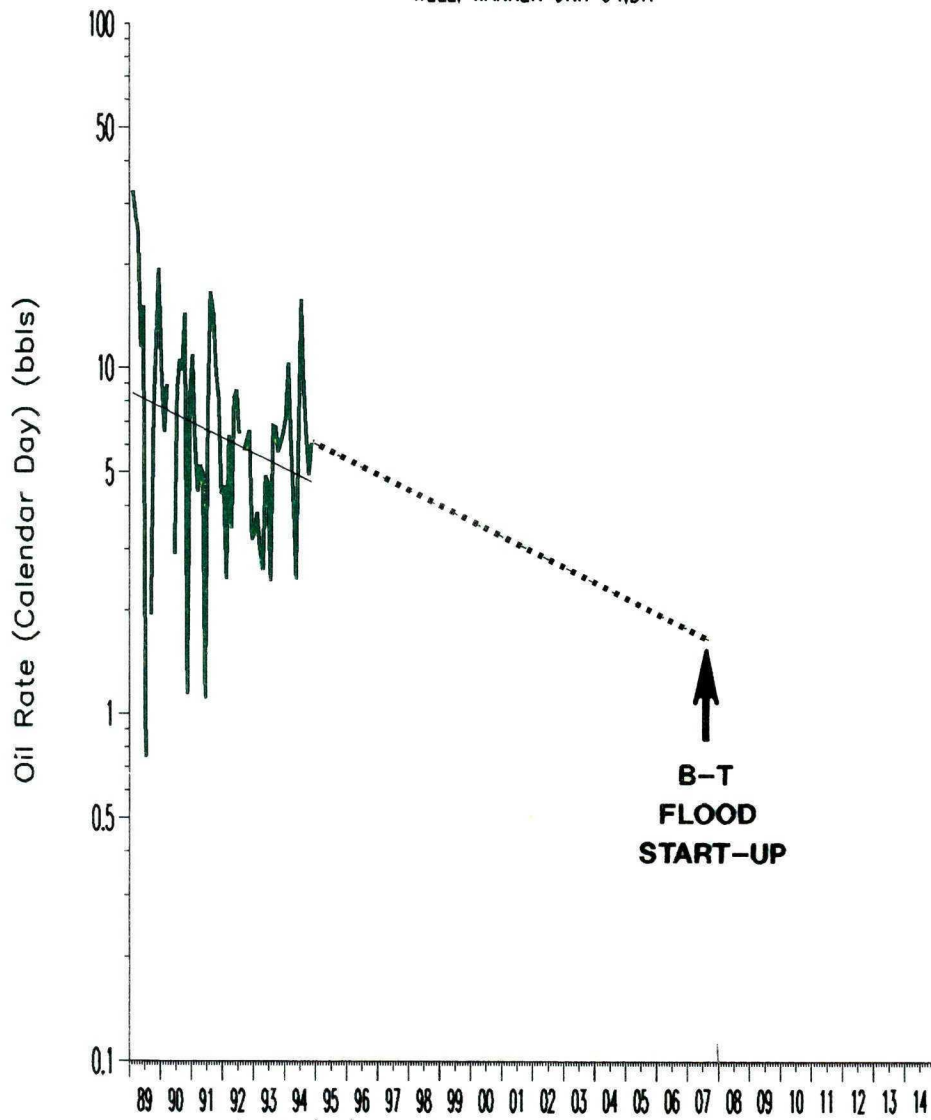
Total Reserves: 65.1 Mbbls - At the Economic Limit

WELL: WARREN UNIT 26:DR



Decline Rate (frac) Nominal: 0.010147 Effective: 0.010096 Annual: 0.114647
Current Gas rate: 86.60 Mscf/d
Economic Limit: 10.000 Mscf/d
Cumulative Gas Produced: 826.83 MMscf
Remaining Reserves: 229.7 MMscf
Total Reserves: 1056.5 MMscf - At the Economic Limit

WELL: WARREN UNIT 94:DR



Decline Rate (frac) Nominal: 0.008538 Effective: 0.008502 Annual: 0.097383

Current Oil rate: 6.1 bbls/d

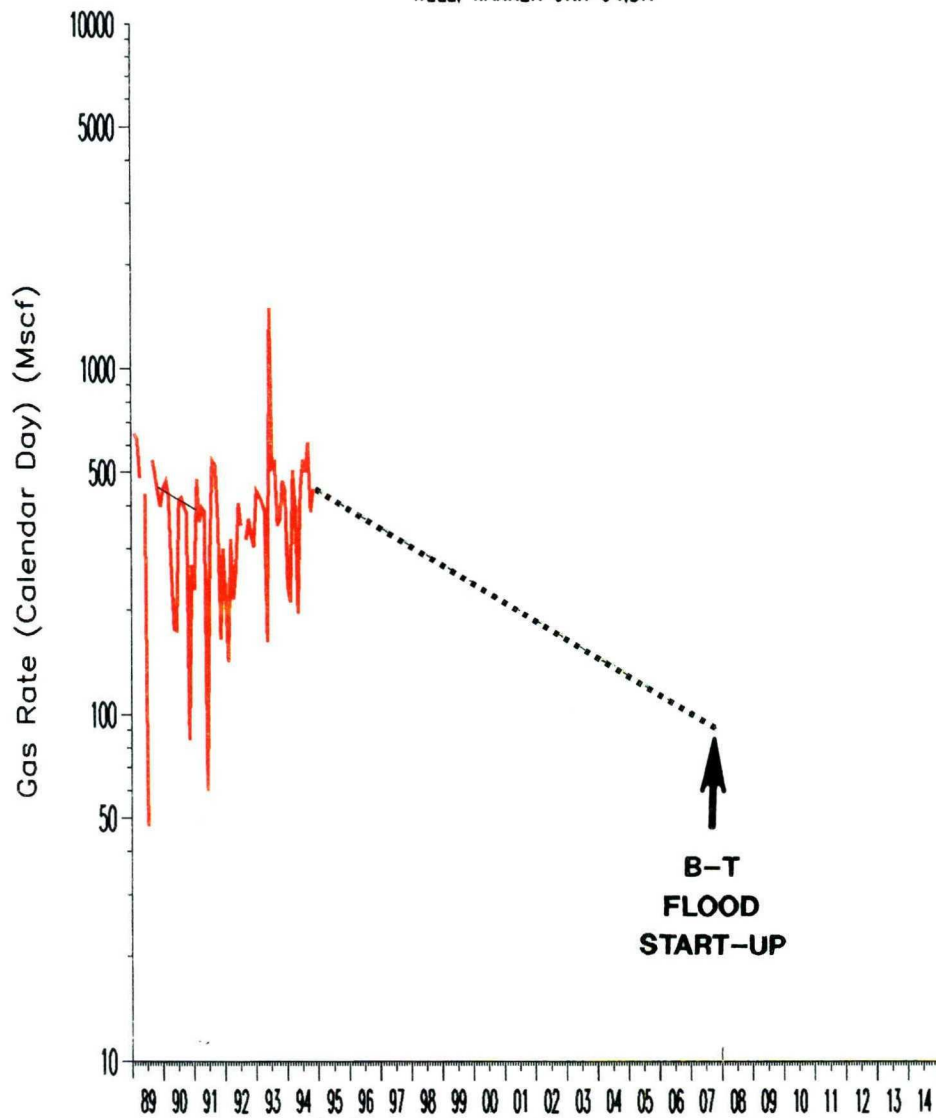
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 15.9 Mbbls

Remaining Reserves: 18.2 Mbbls

Total Reserves: 34.1 Mbbls - At the Economic Limit

WELL: WARREN UNIT 94:DR



Decline Rate (frac) Nominal: 0.010254 Effective: 0.010202 Annual: 0.115782

Current Gas rate: 446.70 Mscf/d

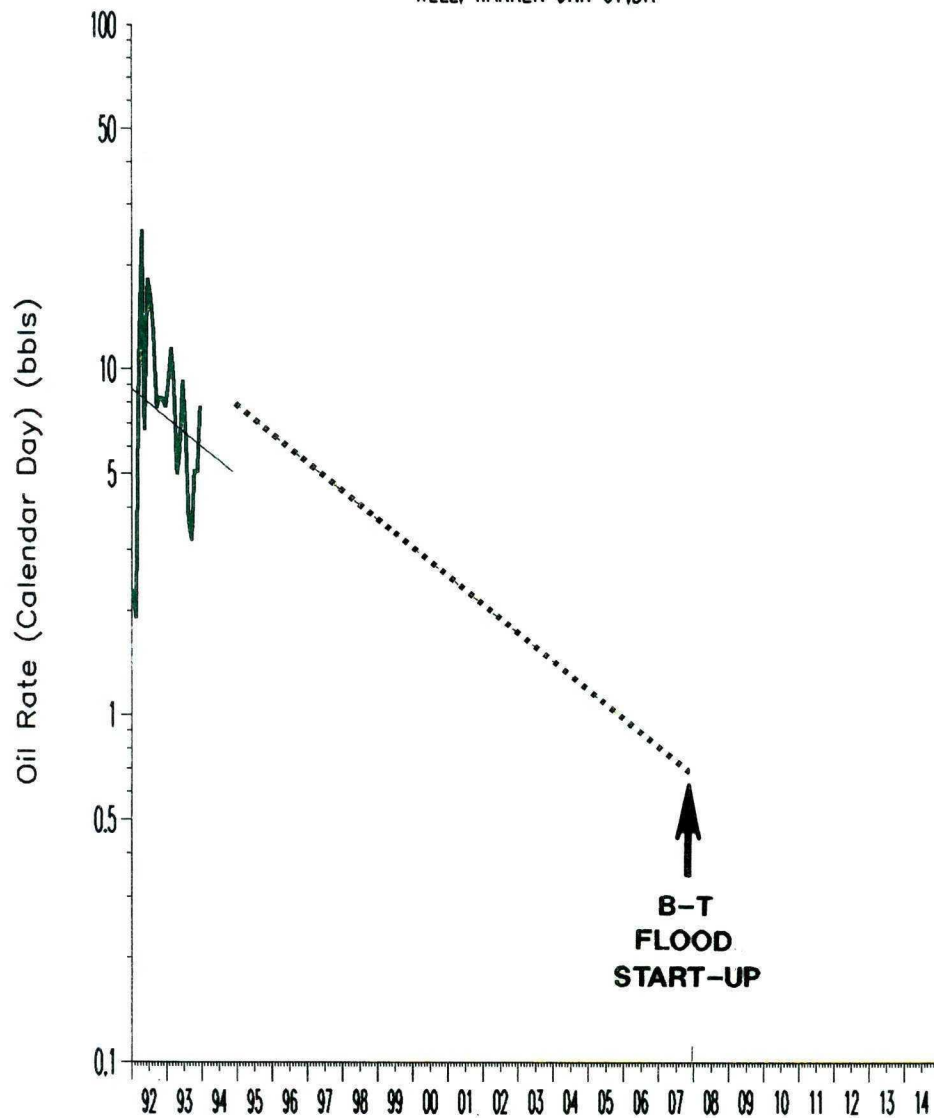
Economic Limit: 10,000 Mscf/d

Cumulative Gas Produced: 782.43 MMscf

Remaining Reserves: 1211.9 MMscf

Total Reserves: 1994.4 MMscf - At End of Forecast

WELL: WARREN UNIT 97;DR



Decline Rate (frac) Nominal: 0.015813 Effective: 0.015688 Annual: 0.172836

Current Oil rate: 8.0 bbls/d

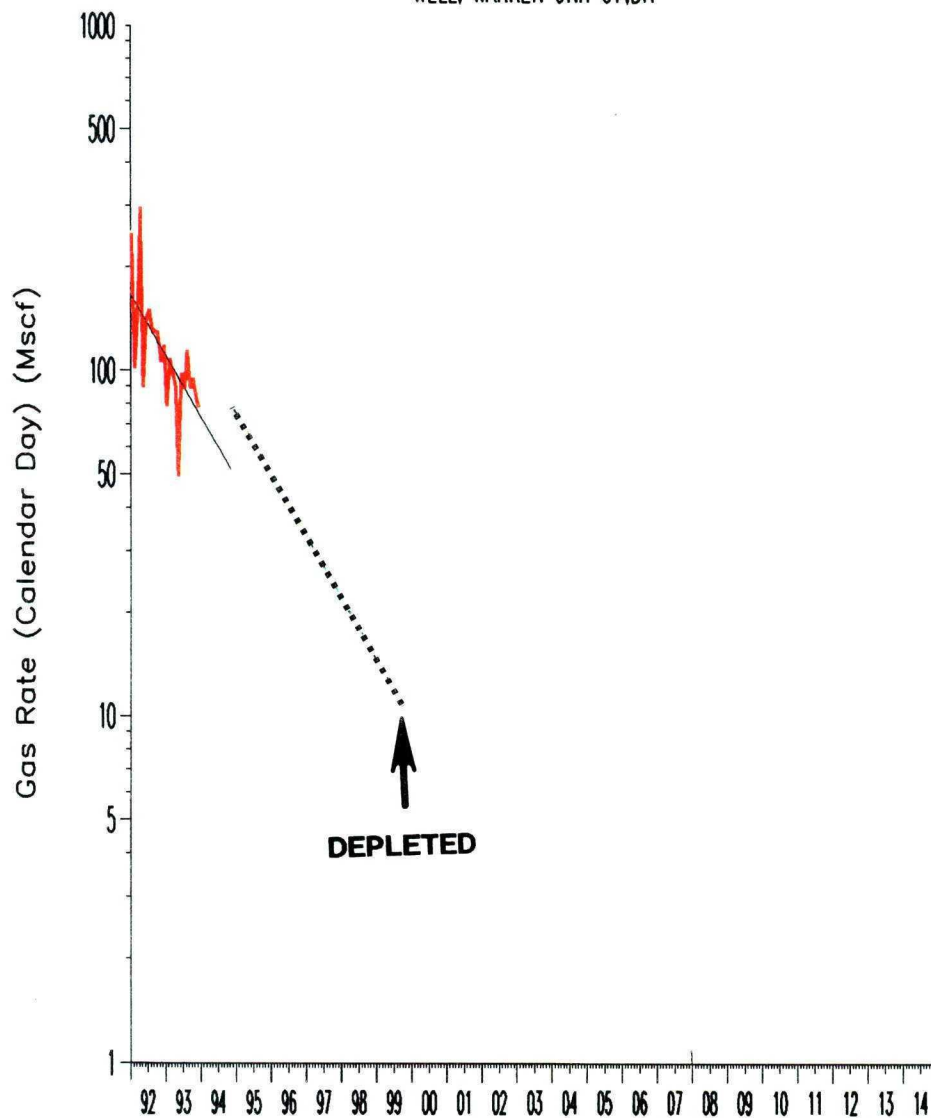
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 6.3 Mbbls

Remaining Reserves: 13.5 Mbbls

Total Reserves: 19.8 Mbbls - At the Economic Limit

WELL: WARREN UNIT 97:DR



Decline Rate (frac) Nominal: 0.034208 Effective: 0.033630 Annual: 0.336680

Current Gas rate: 78.20 Mscf/d

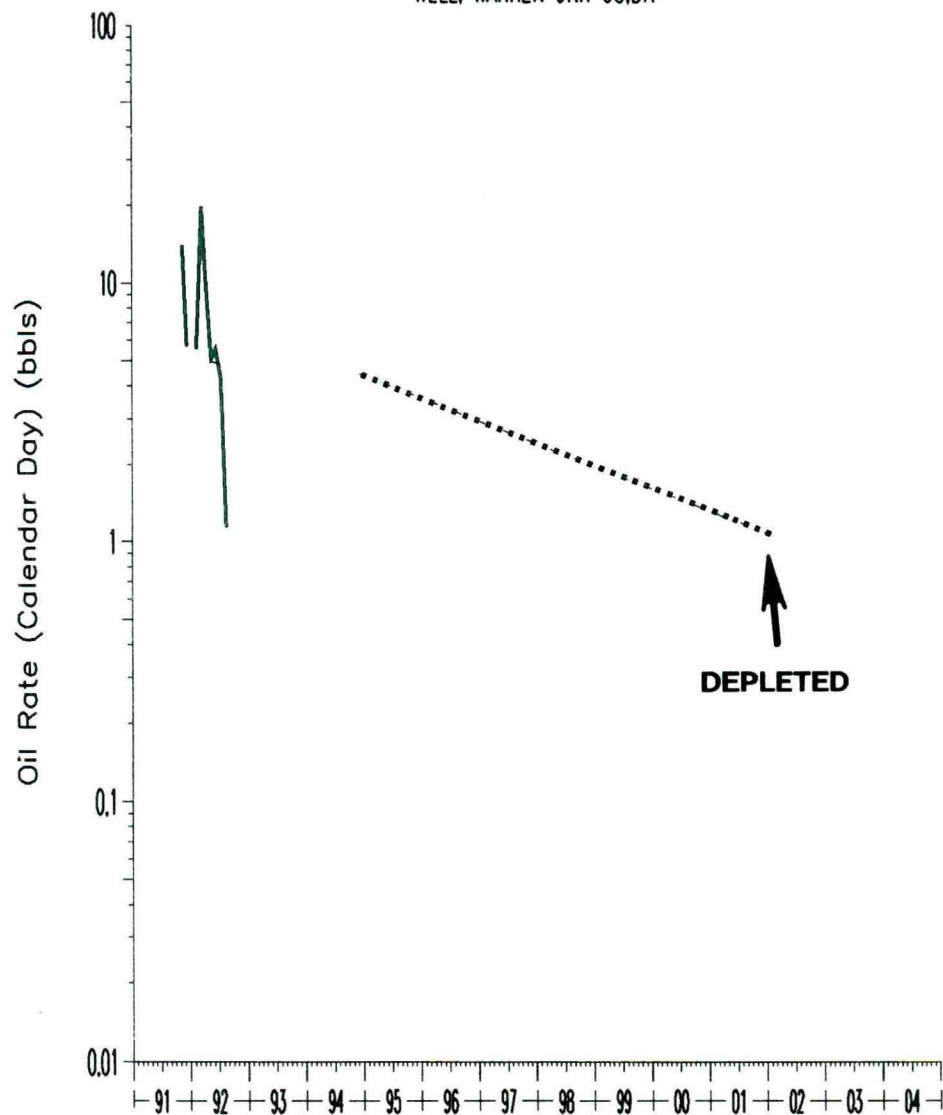
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 86.75 MMscf

Remaining Reserves: 60.9 MMscf

Total Reserves: 147.7 MMscf - At the Economic Limit

WELL: WARREN UNIT 98:DR



Decline Rate (frac) Nominal: 0.016768 Effective: 0.016628 Annual: 0.182264

Current Oil rate: 4.5 bbls/d

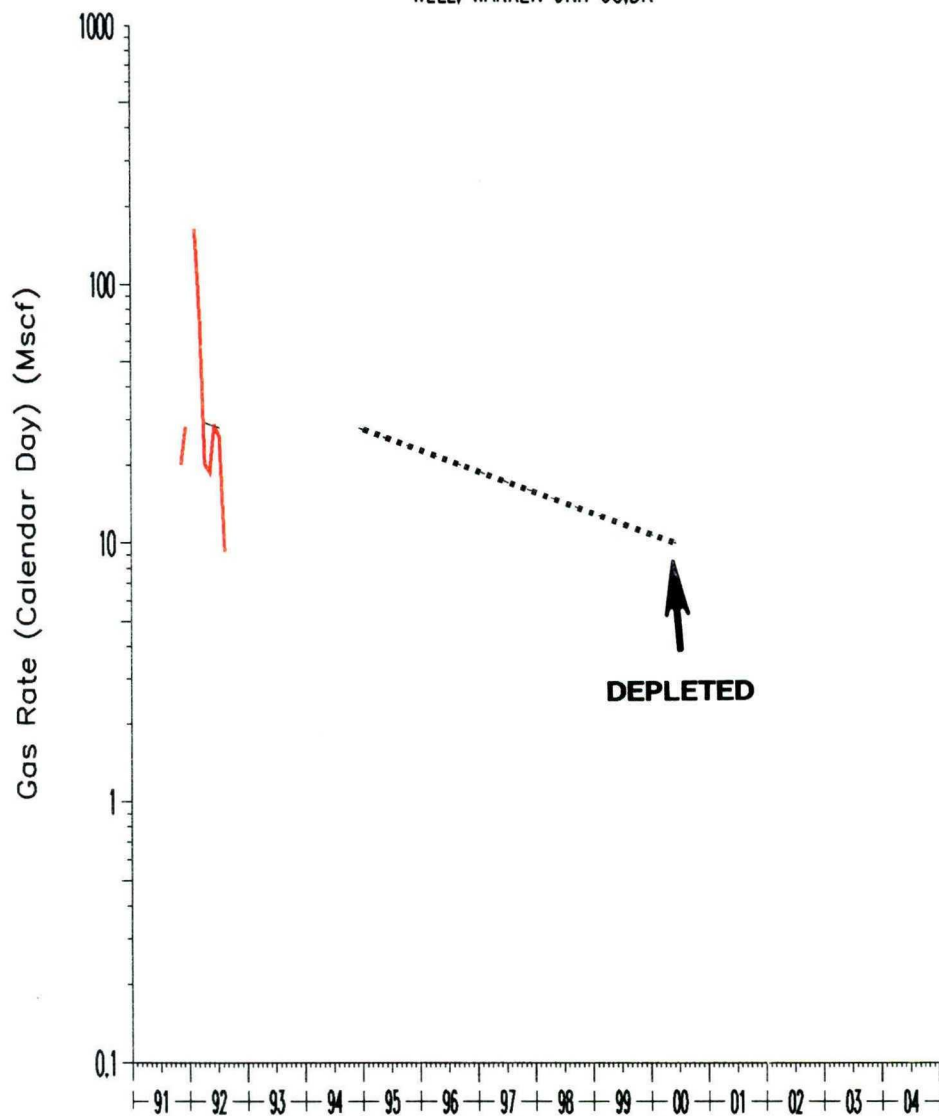
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 2.2 Mbbls

Remaining Reserves: 6.4 Mbbls

Total Reserves: 8.5 Mbbls - At the Economic Limit

WELL: WARREN UNIT 98:DR



Decline Rate (frac) Nominal: 0.015564 Effective: 0.015443 Annual: 0.170361

Current Gas rate: 28.00 Mscf/d

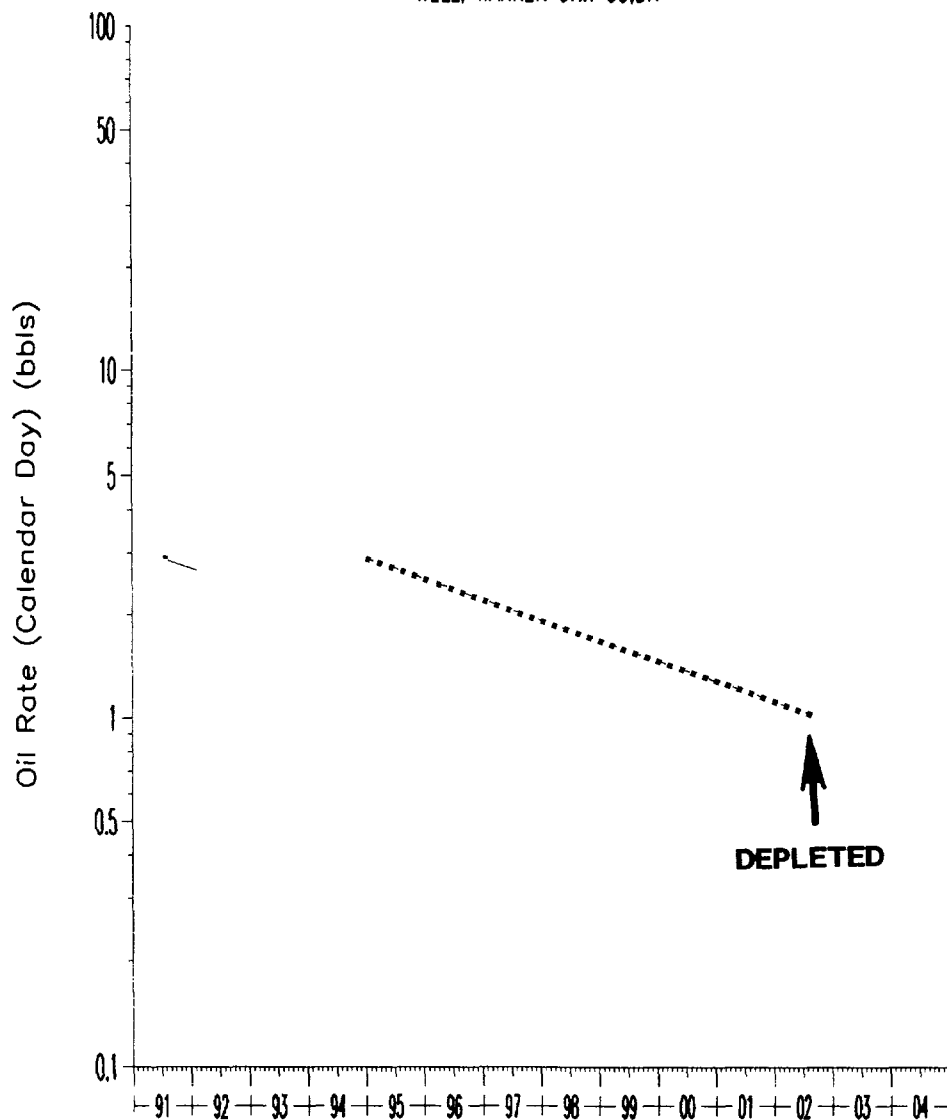
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 11.53 MMscf

Remaining Reserves: 35.4 MMscf

Total Reserves: 47.0 MMscf - At the Economic Limit

WELL: WARREN UNIT 99:DR



Decline Rate (1/roc) Nominal: 0.011360 Effective: 0.011296 Annual: 0.127437

Current Oil rate: 2.9 bbls/d

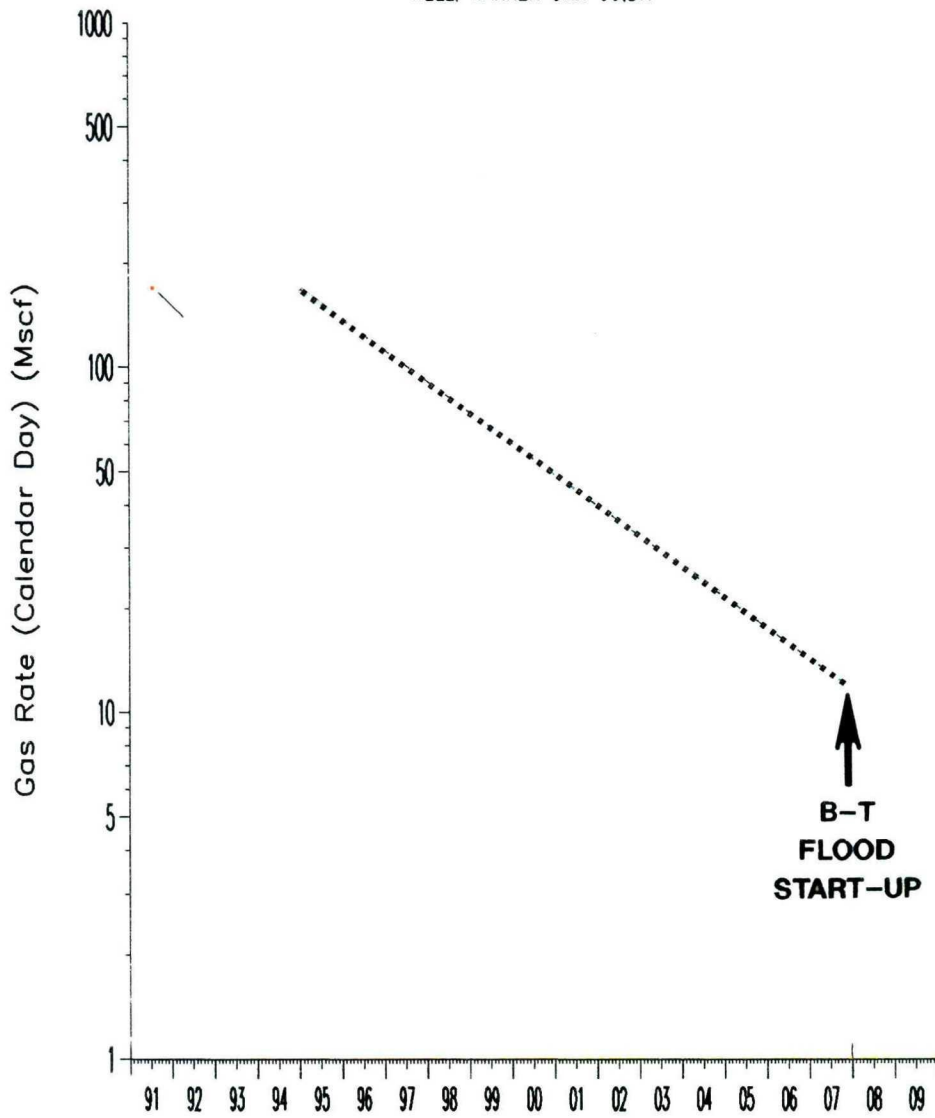
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 0.2 Mbbbls

Remaining Reserves: 5.1 Mbbbls

Total Reserves: 5.3 Mbbbls - At the Economic Limit

WELL: WARREN UNIT 99:DR



Current Decline : 0.017000

Current Gas rate: 169.40 Mscf/d

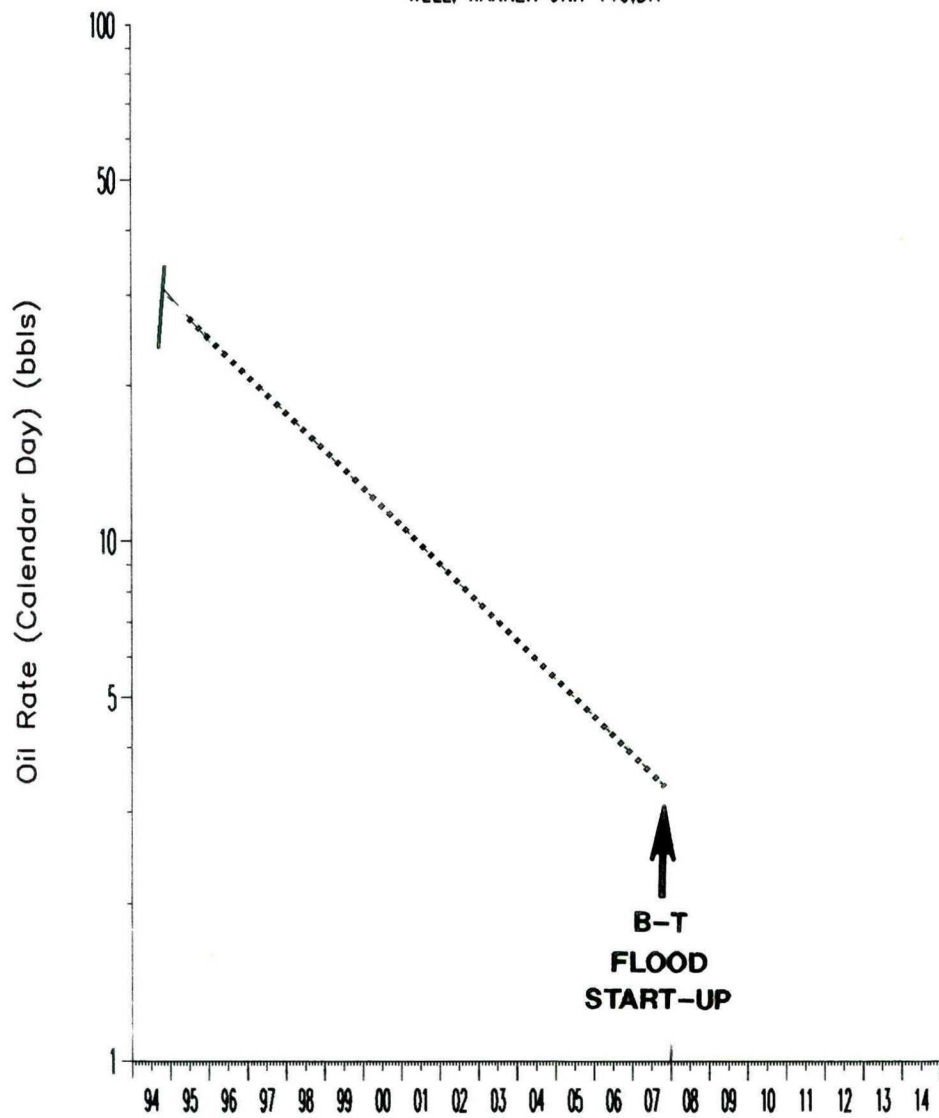
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 10.50 MMscf

Remaining Reserves: 283.1 MMscf

Total Reserves: 293.6 MMscf - At the Economic Limit

WELL: WARREN UNIT 113:DR



Current Decline : 0.014000

Current Oil rate: 30.0 bbls/d

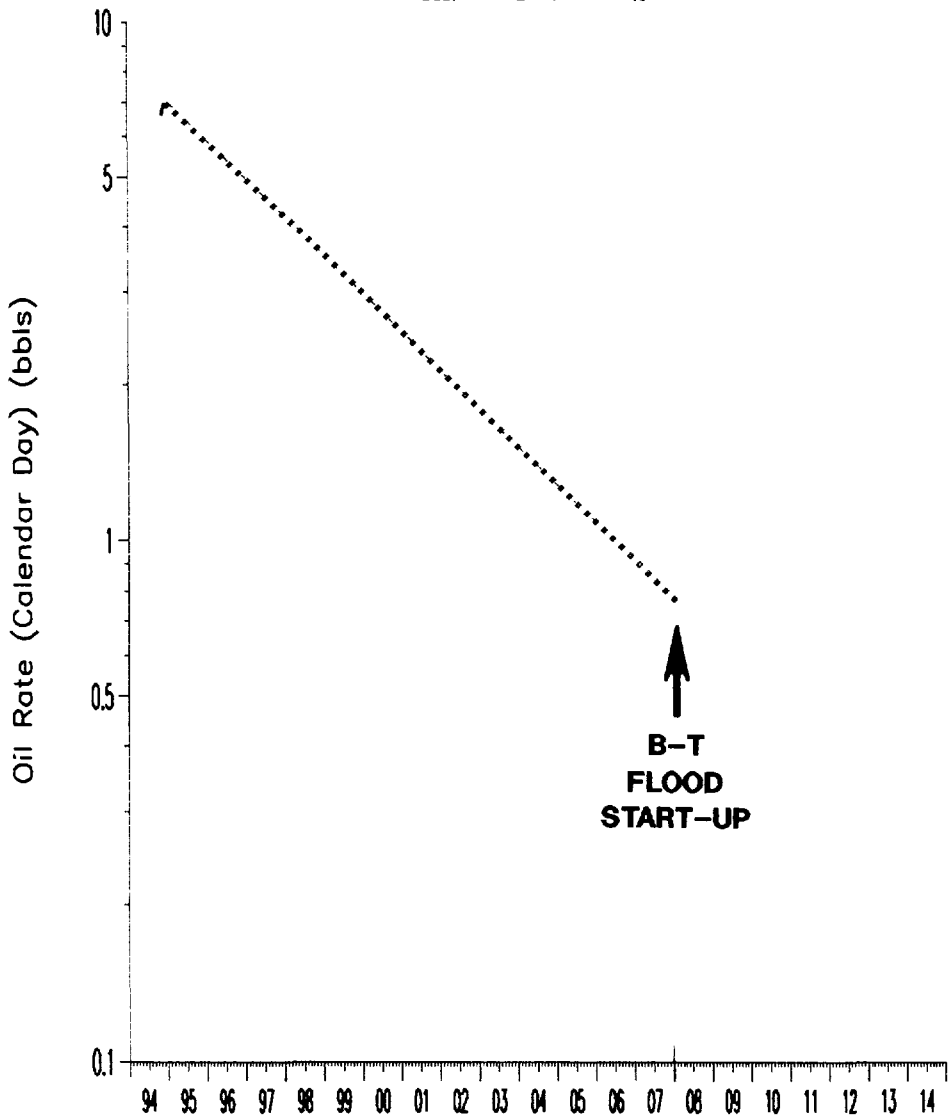
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 2.6 Mbbls

Remaining Reserves: 62.5 Mbbls

Total Reserves: 65.1 Mbbls - At End of Forecast

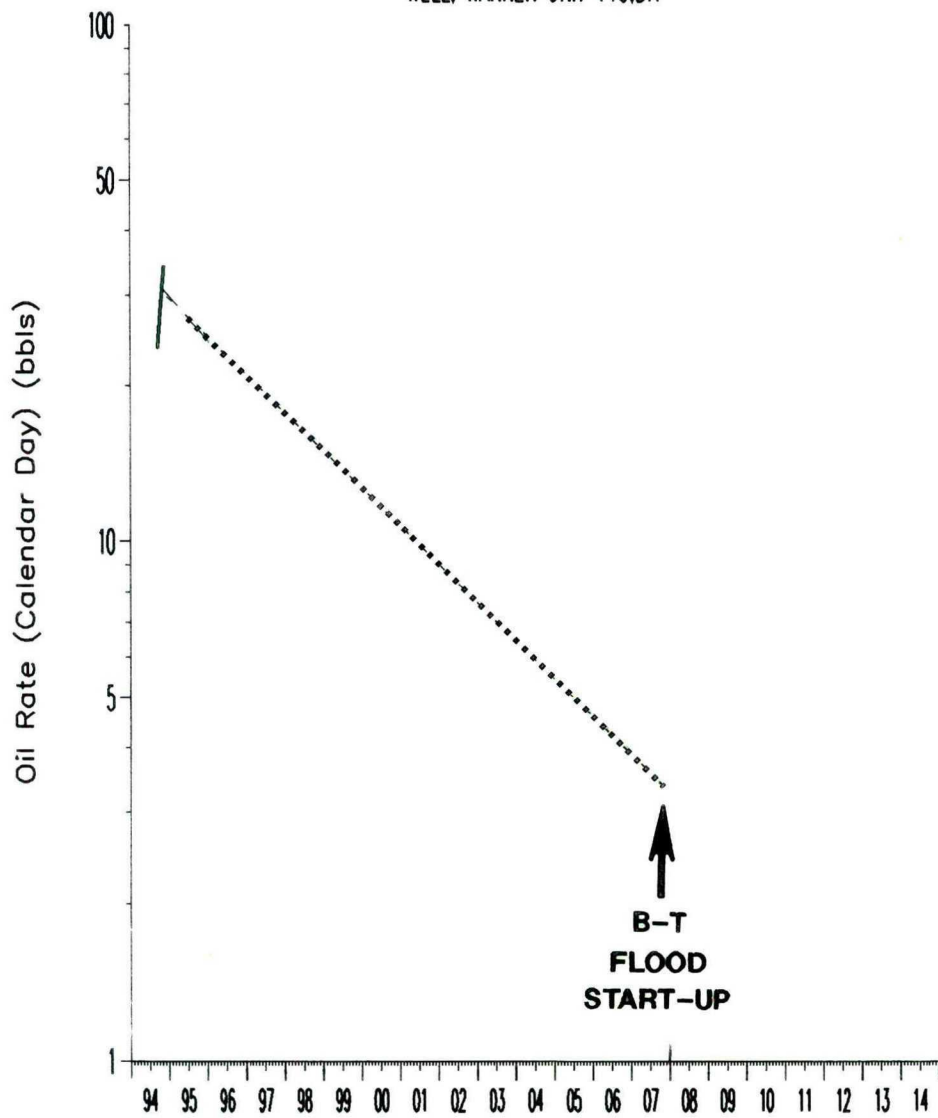
WELL: WARREN UNIT 114:DR



B-T
FLOOD
START-UP

Current Decline : 0.014000
Current Oil rate: 7.0 bbls/d
Economic Limit: 1.0 bbls/d
Cumulative Oil Produced: 0.4 Mbbls
Remaining Reserves: 13.0 Mbbls
Total Reserves: 13.4 Mbbls - At the Economic Limit

WELL: WARREN UNIT 113:DR



Current Decline : 0.014000

Current Oil rate: 30.0 bbls/d

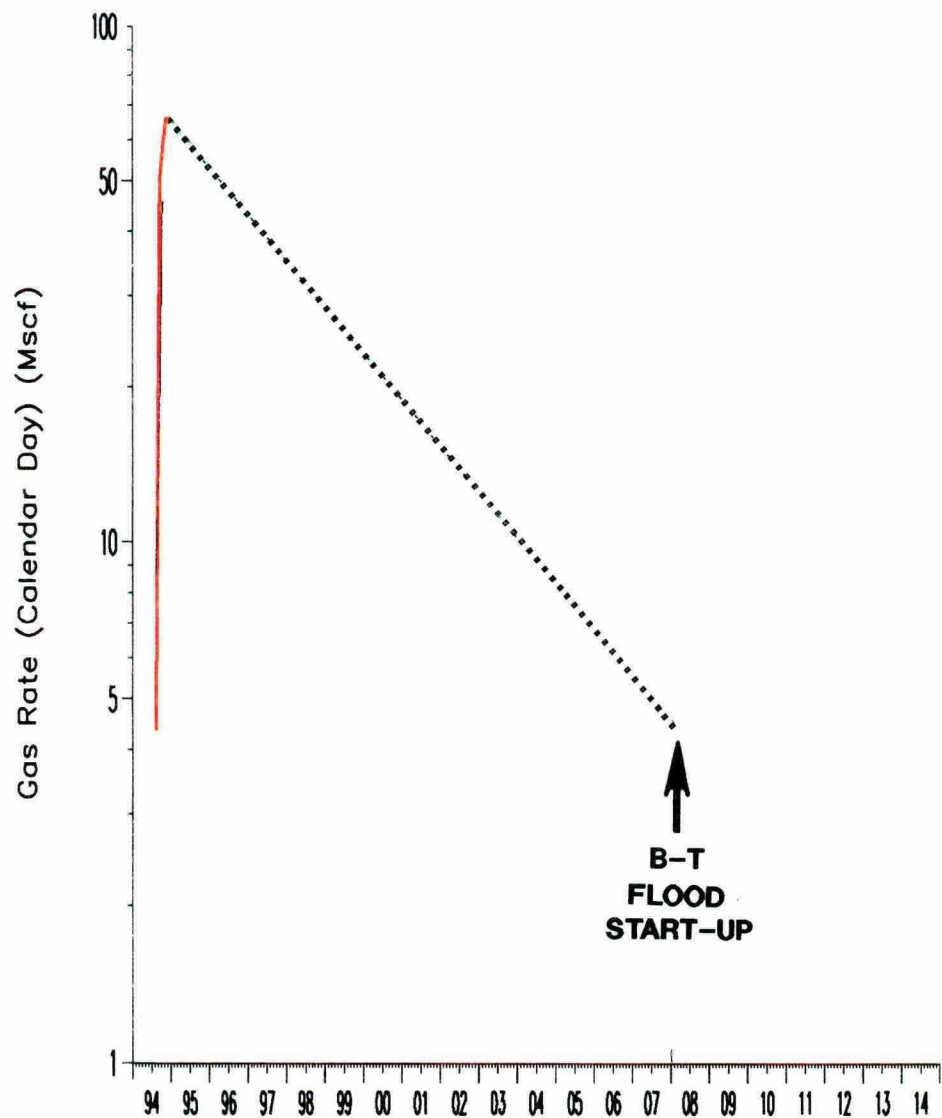
Economic Limit: 1.0 bbls/d

Cumulative Oil Produced: 2.6 Mbbls

Remaining Reserves: 62.5 Mbbls

Total Reserves: 65.1 Mbbls - At End of Forecast

WARREN UNIT 115:DR



Current Decline : 0.017000

Current Gas rate: 66.40 Mscf/d

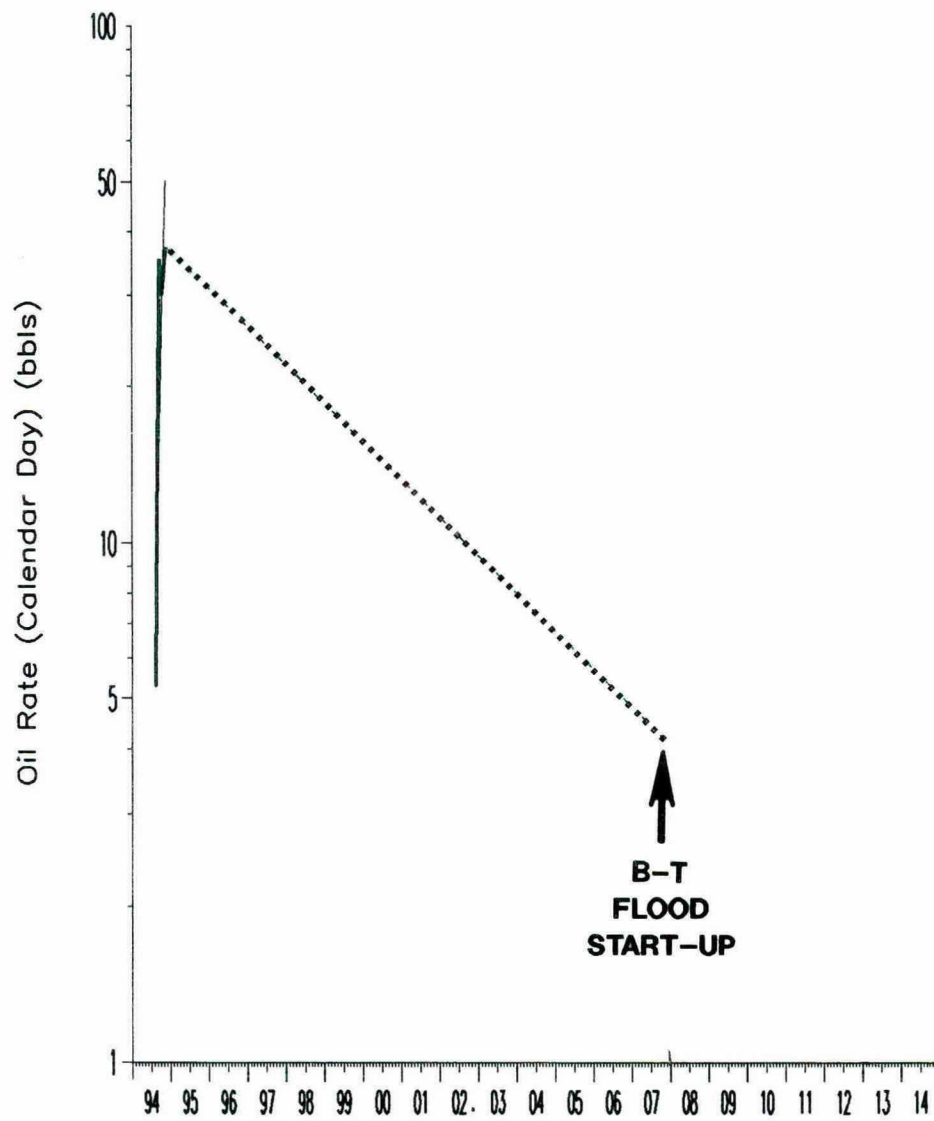
Economic Limit: 10.000 Mscf/d

Cumulative Gas Produced: 5.40 MMscf

Remaining Reserves: 100.2 MMscf

Total Reserves: 105.6 MMscf - At the Economic Limit

WARREN UNIT 115:DR



Current Decline : 0.014000
Current Oil rate: 37.2 bbls/d
Economic Limit: 1.0 bbls/d
Cumulative Oil Produced: 3.3 Mbbls
Remaining Reserves: 77.5 Mbbls
Total Reserves: 80.8 Mbbls - At End of Forecast

COMPLETION HISTORIES for RECENT COMPLETIONS

With Little Production History

for WARREN UNIT WELL NOS.

113, 114, & 115

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **28**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

WELLBORE DIAGRAM

WARREN UNIT 113

LOCATION: 660'FSL, 1980'FEL,
SEC. 28, T20S, R38E
LEA COUNTY, N.M.

GLE: 3533'
KBE: 3524'

TUBING

BLINEBRY/TUBB 2 3/8"
DRINKARD 2 3/8"

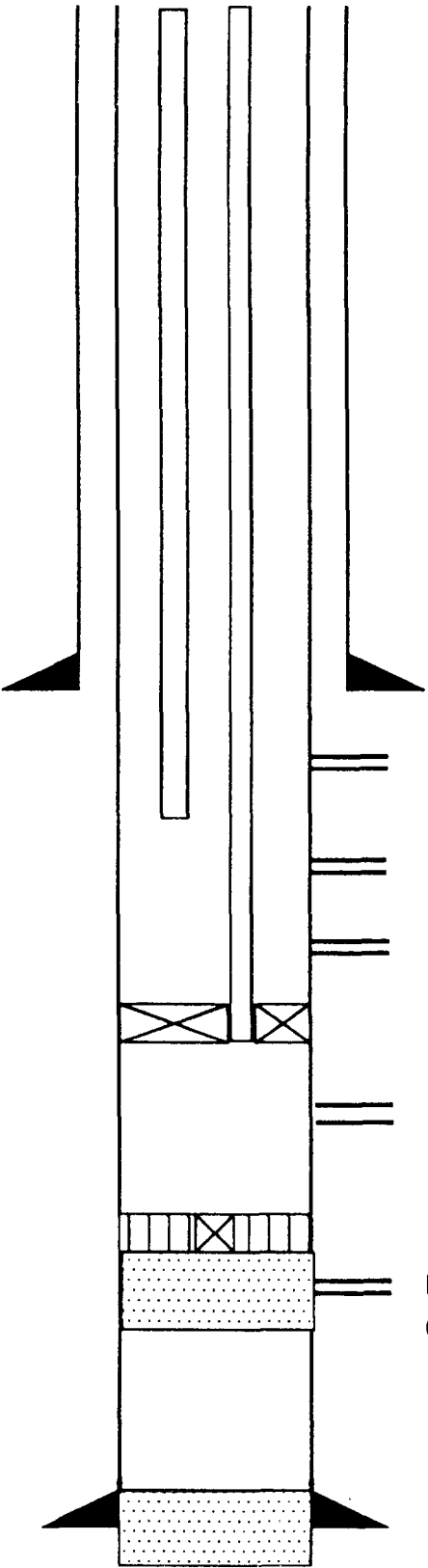
SURFACE CASING

9 5/8"36#,K-55, @1516'
TOC @ SURFACE

PRODUCTION CASING

7" 26#,K-55,LT & C, @ 6995'
TOC @ SURFACE

BY: JOE SEVERINO



BLINEBRY 1-2 PERFS: 5745'-5898'

BLINEBRY 3-5 PERFS: 5953'-6207'

TUBB PERFS: 6289'-6570'

PRODUCTION PACKER

UPPER DRINKARD PERFS:
6644'-6779'

CEMENT RETAINER @ 6820'

LOWER DRINKARD PERFS:
6830'-6872'

PBTD: 6920'

TD: 6995'

DATE: 02/01/95

*WELL: WARREN UNIT NO.113
*REPORT

WELL HISTORY
WARREN UNIT NO.113 (02/15/95)

LOCATION: 660' FSL, 1980' FEL, SEC. 28, T20S, R38E
LEA COUNTY, N.M.

ELEVATION: GL: 3533'
KB: 3524'

CURRENT PERFS: UPPER DRINKARD: @ 6644'-6779'
TUBB: @ 6289'-6570'
BLINEBRY: 3-5 @ 5953'-6204'
BLINEBRY: 1-2 @ 5745'-5898'

ABANDONED PERFS: LOWER DRINKARD: @ 6830'-6872'

WELL HISTORY:

06/26/94 SPUD WELL W/CAPSTAR #7 RIG.

08/01/94 MOVE IN COMPLETION RIG. DO CEMENT & DV TOOL.

08/02/94 RAN CBL/GR/CCL.

08/02/94 PERF LOWER DRINKARD W/1 JSPF @ 6830'-40', 53'-60', 66'-72'.

08/03/94 ACIDIZE W/120 GALS 15% NEFE HCL ACROSS PERFS.

08/03/94 SET OKR @ 6748'.

08/03/94 BROKE PERFS @ 3300 PSI. BEGIN SWABBING. RECOVERED 45 BBLS OF WATER (6 BLTR).

08/04/94 SWABBED 24 BBLS W/5% OIL CUT.

08/05/94 SET CEMENT RETAINER @ 6820'. SQUEEZED THRU RETAINER W/50 SX CLASS H NEAT.

08/08/94 PERF UPPER DRINKARD W/1 JSPF @ 6644'-54', 58'-65', 68'-76', 79'-82', 85'-95', 6701'-04', 10'-21', 53'-68', 73'-79'.

08/09/94 ACID FRAC DRINKARD W/10,500 GALS 15% NEFE HCL & 20,000 GALS X-LINKED 15% NEFE HCL W/51 BALL SEALERS @ 15 BPM. BEGIN SWABBING. RECOVERED 42 BBLS OF WATER.

08/10/94 SITP - 500 PSI. SWABBED 84 BBLS W/40% OIL CUT. WELL FLOWING @ REPORT TIME ON 32/64 CHOKE @ 200 PSI & 50% OIL CUT.

08/11/94 FLOWED 174 BBLS IN 21 HRS. OIL CUT 80%.

08/12/94 KILL WELL. PERF TUBB W/1 JSPF @ 6289', 93', 99', 6302', 09', 12', 17', 33', 36', 41', 48', 69', 72', 78', 87', 95', 6402', 07', 14', 20', 26', 34', 38', 44', 53', 60', 66', 70', 76', 81', 85', 94', 96', 6506', 09', 14', 18', 27', 34', 44', 50', 57', 65', 70'.

08/12/94 SET RBP @ 6610' & TEST TO 2000 PSI. SET PKR @ 6230'.

08/15/94 ACIDIZED TUBB W/4000 GALS 15% NEFE HCL & 70 BALL SEALERS @ 6 BPM. BALLED OUT.

08/16/94 FRAC TUBB W/126,840 GALS SPECTRA G-4000 & 264,870# 16/30 OTTAWA SAND & RCS @ 70 BPM. MAX SAND CONCENTRATION WAS 11 PPG. WELL SCREENED OUT 100 BBLS INTO FLUSH.

08/19/94 COMPLETED CLEANING OUT SAND. SET PKR @ +/-6250'.

08/22/94 SITP - 700 PSI, WELL FLOWED 128 BBLS 50% OIL IN 8 HRS ON 28/64 CHOKE @ 200 PSI FTP. CO & PULL RBP.

08/24/94 SET RBP @ 6250'. SPOTTED ACID.

08/24/94 PERF BLINEBRY 3-5 W/1 JSPF @ 5963', 56', 60', 64', 68', 95', 99', 6001', 05', 11', 15', 19', 22', 38', 59', 62', 67', 71', 75', 82', 96', 98', 6100', 02', 04', 10', 14', 17', 21', 25', 46', 70', 74', 84', 86', 90', 95', 99', 6204', 07'.

08/26/94 FRAC BLINEBRY 3-5 W/94,000 GALS SPECTRA G-4000 & 155,000# 16/30 OTTAWA SAND @ 60-65 BPM. FRAC SCREENED OUT W/8.5 16/GAL SLURRY ON FORMATION.

08/29/94 TAGGED UP @ 4308'. BEGIN CLEANING OUT.

08/31/94 MOVE RBP FROM 6250' TO 5935'. TESTED TO 2500 PSI.

08/31/94 PERF BLINEBRY 1-2 W/1 JSPF @ 5745', 52', 57', 64', 70', 74', 80', 86', 94', 5800', 04', 10', 13', 20', 22', 24', 29', 44', 48', 51', 74', 79', 81', 84', 87', 90', 94', 98'.

09/01/94 FRAC BLINEBRY 1-2 W/2,200 GALS 15% NEFE HCL & 76,000 GALS SPECTRA G-3500 W/5,000# 100 MESH SAND, 76,000# 16/30 OTTAWA SAND & 63,000# RCS @ 35-45 BPM. BEGIN FLOWBACK & SWAB.

09/02/94 CO TO RBP.

09/06/94 PULL RBP FROM 5935'. CO TO PBTD @ 6820'. PREP TO BEGIN RUNNING PRODUCTION EQUIPMENT (PE).

09/09/94 COMPLETED RUNNING PE. FLOW TESTING BLINEBRY/TUBB AND DRINKARD THROUGH DUAL COMPLETION.

09/22/94 BLINEBRY/TUBB FINALED @ 95 BOPD, 58 BWPD, 554 MCF, FTP 180 PSI.
DRINKARD FINALED @ 45 BOPD, 13 BWPD, 300 MCF, FTP 50 PSI.

WELL: WARREN UNIT NO.113
*END REPORT

WELLBORE DIAGRAM

WARREN UNIT 114

LOCATION: 660'FNL, 1980'FWL,
SEC. 28, T20S, R38E
LEA COUNTY, N.M.

GLE: 3550'
KBE: 3559'

1" VENT STRING

TUBING

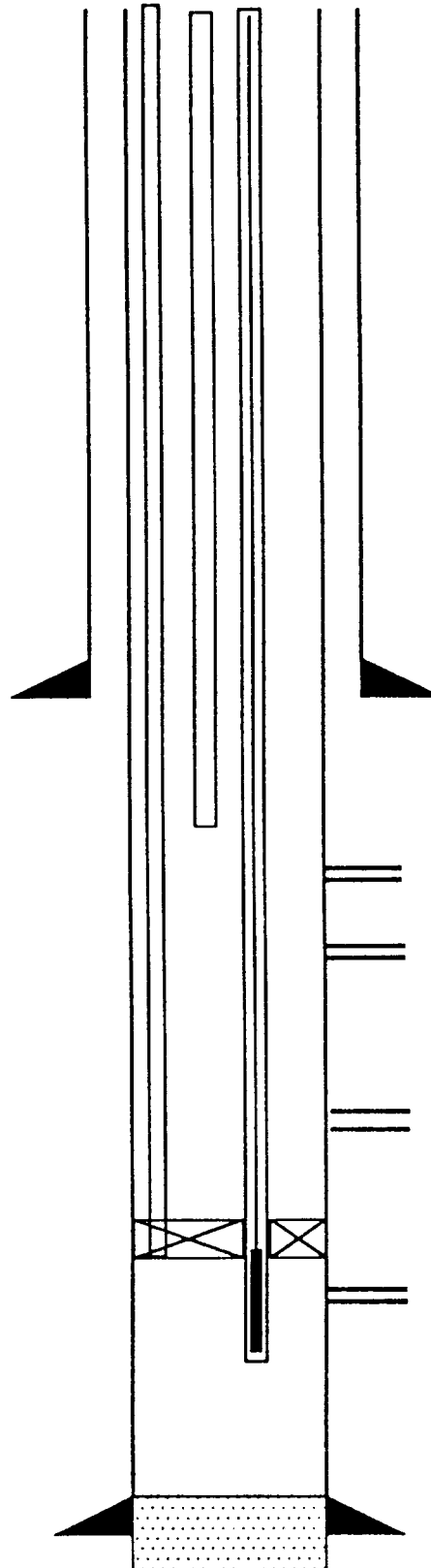
BLINEBRY/TUBB 2 3/8"
DRINKARD 2 3/8"

SURFACE CASING

9 5/8" @ 1504'
TOC @ SURFACE

PRODUCTION CASING

7" 26#,K-55,@ 7045'
TOC @ SURFACE
BY: JOE SEVERINO



BLINEBRY 1-2 PERFS: 5790'-5954'

BLINEBRY 3-5 PERFS: 5998'-6240'

TUBB PERFS: 6340'-6613'

PRODUCTION PACKER
DRINKARD PERFS:
6707'-6804'

PBTD: 6999'

TD: 7045'

DATE: 03/01/95

*WELL: WARREN UNIT NO.114
*REPORT

WELL HISTORY
WARREN UNIT NO.114

(03/01/95)

LOCATION: 660' FNL, 1980' FEL, SEC. 28, T20S, R38E. LEA CO, N.M.

ELEVATION: GL: 3550'
KB: 3559'

CURRENT PERFS: BLINEBRY 1-2 @ 5790'-5954'
BLINEBRY 3-5 @ 5998'-6240'
TUBB @ 6340'-6613'

ABANDONED PERFS: DRINKARD @ 6707'-6804'

WELL HISTORY:

08/29/94 MIRU.

08/30/94 RAN GR/CCL.

08/31/94 PERF DRINKARD W/1 JSPF @ 6707', 16'-44', 47', 54'-6806'.
SET PKR @ 6650'.

09/01/94 ACID FRAC DRINKARD W/8100 GALS 15% NEFE HCL & 16,000 GALS
X-linked 15% NEFE HCL W/40 B.S @ 15 BPM. OPENED & FLOWED
15 BBL LOAD SWABBING @ REPORT TIME.

09/02/94 RECOVERED 38 BBLS 100% WATER W/ FINAL @ 3600' AFTER
PREVIOUS REPORT. SITP-550. RIH W/SAND FL-1600'. RECOVERED
67 BBLS 40% OIL.

09/06/94 SITP-1750 PSI. BLED PRESSURE OFF. RECOVERED 5 BBLS OIL.
RIH W/SWAB. RECOVERED 35 BBLS 80% OIL.

09/07/94 SITP-1650. BLED PRESSURE OFF. RIH W/SWAB TO SN. RECOVERED
2 BBLS 80% OIL. RELEASED PKR. POOH. PREP TO FRAC.

09/08/94 PUMPED 60,000 GALS SPECTRA G-3500 DUMMY FRAC TAGGED W/RAM
@ 25 BPM. FRAC'D DRINKARD W/75,000# 16/30 OTTAWA SAND &
42,000 GALS SPECTRA G-3500 TAGGED W/RAM @ 25-28 BPM. FRAC
SQUEEZED OUT W/7.6#/GAL SAND ON FORMATION.

09/12/94 CO SAND & GEL.

09/13/94 CONT' CO SAND TO 6990', CIRC. CLEAN.

09/14/94 FINISH POH. RIH W/RBP, SET @ 6668'. PERF: TUBB W/1 JSPF
@ 6340'-52', 95'-6494'.

09/15/94 PERF: 6508'-16', 32'-36', 47'-50', 53'-65', 68'-74', 77'-
86', 6605'-08' TOTAL 167 HOLES.

09/16/94 4200 GALS 15% NEFE FOLLOWED @ 55 BPM. FRAC TUBB W/81,606
GALS SPECTRA G-3500 PUMPING 176,400# 16/30 CHOKE 1#-10#.
STARTED RCS-LOST WATER TO SUB FLUSH W/242 GALS BASE GEL.

09/18/94 FLOWED AN UNMEASURED VOLUME OF GAS & NO LIQUID IN 6 HRS
@ 100-200 PSI ON OPEN CHOKE.

10/10/94 SITP-1200. WELL FLOWED 12 BBLS OIL. RELEASED PKR.
 10/11/94 RIH W/PKR & LONG STRING.
 10/12/94 SET PKR & LOADED LONG STRING. RIH W/SHORT STRING.
 10/13/94 DINISHED RIH W/SHORT STRING. LOADED SHORT STRING. RIH W/VENT STRING.
 10/14/94 FINISHED RIH W/SHORT STRING, LOADED UNIT. RIH W/PUMP AND RODS ON DRINKARD SIDE.
 10/17/94 FLOWED BLINEBRY/TUBB SIDE TO TANK 2 HRS. SET P/U AND HOOK WELL TO FLOWLINE.
 11/10/94 TEST: DRINKARD 7 BO, 13 BW, 249 GAS, 75 TP.
 11/11/94 TEST: BLINEBRY/TUBB 148 BO, 117 BW, 278 GAS, 160 TP, 890 CP, CHOKE OPEN. FINAL.
 11/15/94 TEST: DRINKARD 13 BO, 7 BW, 220 GAS, 85# TP. 24 HRS. FINAL.

 *WELL: WARREN UNIT NO.114
 *END REPORT

 09/20/94 EST. CIRC. & CO TO RBP @ 6668'. RELEASED & SET RBP @ 6320'.
 09/21/94 PERF: BLINEBRY 3-5 W/1 JSPF @ 5998'-6000', 03',-18', 21'-32', 34'-46', 53'-57', 60'-62', 76'-78', 94'-6104', 32'-39', 41', 6201'-03', 05'-07', 16'-18', 21'-25', 31'-33', 40'.
 09/22/94 SQUEEZED 3100 GALS 15% NEFE HCL. FOLLOWED BY 15,000 GALS SPECTRA G-3500 TAGGED W/RAM @ 50 BPM. FRAC'D BLINEBRY 3-5 W/90,000 GALS SAME & 148,000# 16/30 OTTAWA SAND & 50,000# RCS TAGGED W/RAM @ 50-55 BPM. AIP-5100, MIP-8700. MAX SAND CIRC 11.5'/GAL.
 09/23/94 CO TO RBP @ 6320'
 09/24/94 RIH W/SWAB. RECOVERED 250 BBL, OIL CUT 40%.
 09/28/94 SITP 250 PSI. RECOVERED 175 BBL 35% OIL.
 09/28/94 RE-SET RBP @ 5980'. PERF: BLINEBRY 1-2 W/1 JSPF @ 5790'-98', 5805'-06', 11'-19', 22'-30', 43'-46', 50'-66', 74'-82', 85'-87', 5919'-21', 29'-54'.
 09/29/94 FRAC BLINEBRY 1-2 W/2200 GALS 15% NEFE HCL & 57,000 GALS SPECTRA G-3500 W/144,000# 16/30 OTTAWA SAND & 61,000# 16/30 RCS @ 35-50 BPM.
 09/30/94 CO TO 5718'. BECAME STUCK & LOST CIRC.
 10/03/94
 10/04/94 FISH PULLED FREE. POOH. RIH W/BIT. CO SAND TO RBP @ 5980'.
 10/05/94 POOH W/RBP. RIH W/ TAGGED UP @ 6975'. POOH. RIH W/PKR. SET @ 6661'.
 10/06/94 SITP-650. RIH W/SWAB FL-6500'. RECOVERED 72 BBLs 25% OIL W/MODERATE GAS VOLUME. FL-6000'.
 10/07/94 SITP-1000 PSI. RIH W/SWAB. FL-6500. RECOVERED 50 BBLs 25% OIL.

WELLBORE DIAGRAM

WARREN UNIT 115

LOCATION: 2105 FNL, 660' FWL,
SEC. 28, T20S, R38E
LEA COUNTY, N.M.

GLE: 3534'
KBE: 3543'

**1" VENT
STRING**

TUBING

BLINEBRY/TUBB 2 3/8"
DRINKARD 2 3/8"

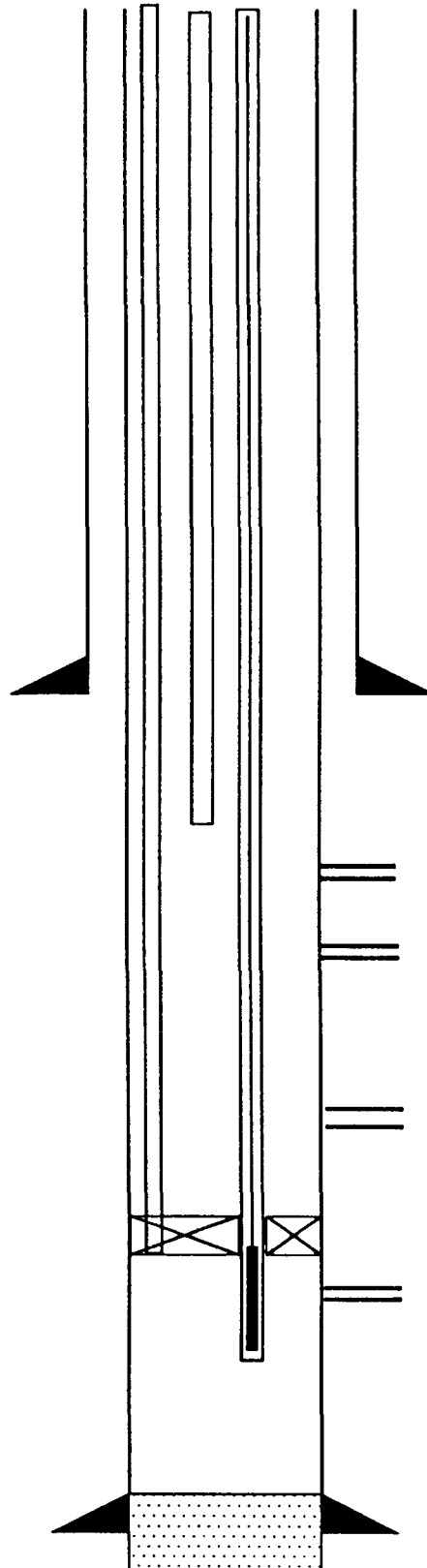
SURFACE CASING

9 5/8" @ 1495'
TOC @ SURFACE

PRODUCTION CASING

7" 26#, K-55, @ 6975'
TOC @ SURFACE

BY: JOE SEVERINO



BLINEBRY 1-2 PERFS: 5786'-5945'

BLINEBRY 3-5 PERFS: 5995'-6240'

TUBB PERFS: 6336'-6520'

PRODUCTION PACKER

DRINKARD PERFS:
6604'-6780'

PBTD: 6820'

TD: 6975'

DATE: 03/01/95

*WELL: WARREN UNIT NO.115
*REPORT

WELL HISTORY
WARREN UNIT NO.115 (03/01/95)

LOCATION: 2105' FNL, 660' FWL, SEC. 28, T20S, R38E. LEA CO, N.M.

ELEVATION: GL: 3534'
KB: 3543'

CURRENT PERFS: BLINEBRY 1-2 @ 5786'-5945'
BLINEBRY 3-5 @ 5995'-6240'
TUBB @ 6336'-6520'
DRINKARD @ 6604'-6780'

WELL HISTORY:

06/13/94 MIRU.

06/15/94 RUN CBL FROM PBTD TO 5200'.

06/16/94 SPOT 15% HCL NEFE @ 6780'-6600'.

06/16/94 PERF DRINKARD W/1 JSPF @ 6604'-20', 29', 32'-40', 48'-50', 65'-74', 6726'-45', 53'-80'.

06/16/94 SET RBP @ 6850', PKR @ 6710'.

06/16/94 ACIDIZE W/4800 GALS 15% HCL NEFE. DROPPING 72 1.3 BALL SEALERS.

06/16/94 SET PKR @ 6710'.

06/17/94 ACID FRAC LOWER DRINKARD W/5000 GALS 15% NEFE HCL & 10,000 GALS 15% NEFE X-LINKED HCL & 24 B.S. @ 10 BPM. FLOWED BACK 25 BBLs. RELEASED PKR. RIH & RELEASED & RE-SET RBP @ 6710'. SET PKR @ 6550'. BROKE & TREATED UPPER DRINKARD W/5000 GALS 15% NEFE HCL & 75 B.S. @ 6 BPM. BDP-4200. POOR BALL ACTION. RELEASED PKR. RIH & WIPED BALLS. PU & RE-SET PKR. ACID FRAC UPPER DRINKARD W/6000 GALS 15% NEFE HCL & 14000 GALS 15% NEFE X-LINKED HCL & 25 B.S. @ 15 BPM. POOR BALL ACTION.

06/20/94 SITP-1150 PSI. FLOWED BACK 9 BBLs 50% OIL. RELEASED PKR. RIH & RELEASED & RE-SET RBP @ 6850'. PU & SET PKR @ 6550'. RIH W/SWAB. FL-1800 RECOVERED 15 BO, 62 BW.

06/21/94 SITP-400 PSI. FLOWED 13 BO, 7 BW. RIH W/SWAB RECOVERED 31 BO, 149 BW. WELL FLOWING @ REPORT TIME.

06/22/94 FLOWED 35 BO, 115 BW, FRPM 5 P.M. TO 6 A.M. @ 45 PSI.

06/23/94 FLOWED 61 BO, 50 BW FROM 3 P.M. TO 6 A.M. RIH & RELEASED RBP. POOH. PERF TUBB W/1 JSPF @ 6336'-46', 97'-6404', 09'-15', 21'-24', 30'-37', 42'-45', 53'-64', 68'-72', 76'-82', 91'-6506', 12'-20'.

06/24/94 SET RBP @ 6580'. PKR @ 6560'. TEST RBP TO 3000 PSI. PU & SET PKR @ 6242'.

06/24/94 ACIDIZE TUBB W/5600 GALS 15% NEFE HCL & B.S. @ 5-6 BPM.

06/27/94 PUMPED 15,000 GALS SPECTRA G-3500 DUMMY FRAC TAGGED W/RAM @ 40 BPM.

06/28/94 FRAC TUBB W/76,490 GALS SPECTRA G-3500 & 195,000# 16/30 OTTAWA & RCS @ 40 BPM. TAGGED W/RAM. AIP-2800, MAX SAND

06/29/94 TAGGED FILL @ +/-6480'. CO TO RBP @ 6580'. POOH. RIH W/PKR, SET PKR @ 6300'.

06/30/94 RIH W/SWAB. FL-1800 RECOVERED 47 BBLS WATER. OPENED WELL & FLOWED 14 BBLS 80% OIL IN 8 HRS ON OPEN CHOKE @ 250 PSI.

07/05/94 SITP-1000 PSI. FLOWED 24 BO, 56 BW IN 8 HRS ON OPEN CHOKE @ 200 PSI.

07/06/94 RELEASED PKR. RIH & TAGGED @ 6520'. EST. CIRC. & WASHED SAND OFF RBP. RELEASED & RE-SET RBP @ 6500'. TESTED RBP TO 1500 PSI. POOH.

07/06/94 PERF BLINEBRY 3-5 W/1 JSPF @ 5995'-6005', 21'-30', 36'-41', 92'-6102', 09'-14', 22'-30', 39'-47', 80'-99', 6208'-17', 32'-40'. RIH W/PPI TOOL.

07/07/94 BROKE & TESTED BLINEBRY PERFS W/3900 GALS 15% NEFE HCL IN 14' INTERVALS. SET PKR @ 6950'. FISHED S.V.

07/08/94 SITP-150 PSI. RECOVERED 11 BBLS 60% OIL. RELEASED PKR. POOH.

07/09/94 PUMPED 32,000 GALS SPECTRA G-3500 DUMMY FRAC TAGGED W/RAM @ 60 BPM. FRAC BLINEBRY 3-5 W/72,000 GALS & 96,000# 16/30 OTTAWA SAND TAGGED W/RAM @ 60 BPM. FRAC SQUEEZED OUT W/6#/GAL SAND ON FORMATION.

07/13/94 RIH W/RETRIEVING HEAD TAGGED SAND @ 4099' EST. CIRC. CO TO 5100'.

07/14/94 FINISH CO SAND TO RBP @ 6300'. RELEASED RBP & POOH.

07/15/94 RIH W/RBP & PKR. SET RBP @ 6300' & PKR @ 5900'. RIH W/SWAB. FL-1800 RECOVERED 78 BBLS IN 3 1/2 HRS. FL-4000.

07/19/94 WELL FLOWED 120 BO, 172 BW IN 12 HRS ON OPEN CHOKE @ 200 PSI. RIH & WASHED SAND OFF RBP @ 6300'. RELEASED & RE-SET RBP @ 5970'.

07/19/94 PERF BLINEBRY 1-2 W/1 JSPF @ 5786'-93', 98'-5807', 12'-21', 26'-30', 41'-51', 58'-67', 5905'-10', 20'-30', 35'-45'.

07/20/94 SET PKR @ 5690'.

07/20/94 ACIDIZE BLINEBRY 1-2 W/6000 GALS 15% NEFE HCL & 125 B.S. @ 5-6 BPM. BOP-3880'. AIP-3420. POOR BALL ACTION.

07/21/94 FRAC BLINEBRY 1-2 W/80,000 GALS SPECTRA G-3000 & 136,210# 16/30 OTTAWA SAND & 78,000# RCS TAGGED W/RAM @ 50 BPM.

07/22/94 TAGGED SAND @ 5538' EST. CIRC. & CO TO RBP @ 5970'. RELEASED RBP & POOH.

07/25/94 TAGGED @ 6910'. PU & RIH W/LONG STRING.

07/26/94 FINISHED RIH W/LONG STRING. SET PKR @ 6561'. RIH W/SN, PIN COLLAR & SHORT STRING. LANDED TUBING.

07/28/94 PU & RIH W/VENT STRING.

07/28/94 LOADED VENT STRING.

07/29/94 MIRU. SWAB UNIT. BLINEBRY/TUBB SIDE FLOWING ON 27/64 @

08/01/94 DRINKARD SITP-80 PSI. RIH W/SWAB, FL-3100. RECOVERED 10 BO, 23 BW.

08/02/94 SITP-150 PSI. RIH W/SWAB, FL-2800. RECOVERED 29 BO, 71 BW. FL-3400.

08/03/94 SITP-150 PSI. SWABBED & FLOWED 120BBLS 30% OIL.

08/14/94 WELL DIED AFTER HOOKING UP TO FLOW LINE. SWABBED & FLOWED 120 BBLS 60% OIL FLOWING TO TANK ON OPEN CHOKE @ REPORT TIME.

08/05/94 WELL FLOWED 180 BBLS 50% OIL IN 12 HRS ON OPEN CHOKE. WELL DIED.

08/08/94 SWABBED & FLOWED BACK 70 BBLS 50% OIL. WELL FAILED TO W/SUFFICIENT PRESSURE DOWN FLOWLINE.

08/10/94 MIRU. KILLED WELL. CHANGED OUT TREE. RIH W/PUMP & RODS ON DRINKARD SIDE.

08/10/94 TEST: BLINEBRY/TUBB 142 BO, 58 BW, 966 GAS. FINAL.

08/31/94 TEST: DRINKARD 35 BO, 1 BW, 49 GAS, 85# TP, 50# CP. IN 24 HRS.

WELL: WARREN UNIT NO. 114
*END REPORT 115

W A R R E N U N I T I N T E R E S T O W N E R S

<u>NAME/ADDRESS</u>	<u>% INTEREST</u>	<u>TYPE</u>
Arco Oil & Gas P.O. box 1610 Midland, TX 77701	21.40625	W.I.
Chevron USA Inc. P.O. Box 1150 Midland, TX 79702	21.40625	W.I.
MW Petroleum Corp. 2000 Post Oak Blvd, Ste. 100 Houston, TX 77056	21.19219	W.I.
Conoco Inc. 10 Desta Dr., Ste 100W Midland, TX 79705	21.40625	W.I.
Minerals Management Serv. P.O. Box 5810 Denver, CO 80217	12.50000	R.I.
Amoco Production Co. P.O. Box 3092 Houston, TX 77253	.21406	O.R.R.I.
BHCH Mineral Joint Venture #200 745 E. Mulberry San Antonio, TX 78212	.04219	O.R.R.I.
CEC Trust, F/B/O Eleanor Christie Corrigan J. Pat Corrigan Trustee P.O. Box 2410 Vero Beach, FL 32961	.02088	O.R.R.I.
CEC Trust, F/B/O James Patrick Corrigan Jr. J. Pat Corrigan Trustee P.O. Box 2410 Vero Beach, FL 32961	.02087	O.R.R.I.
CEC Trust, F/B/O Hugh Corrigan IV Hugh Corrigan III Trustee 3809 Shenandoah St. Dallas, TX 75205	.03125	O.R.R.I.
CEC Trust, F/B/O Patrick Edward Corrigan Hugh Corrigan III Trustee P.O. Box 50280 Midland, TX 79710	.03125	O.R.R.I.
CEC Trust, F/B/O Hugh Daniels Corrigan J Pat Corrigan Trustee P.O. Box 2410 Vero Beach, FL 32961	.02075	O.R.R.I.

BEFORE AN EXAMINER OF THE
OIL CONSERVATION DIVISION

EXHIBIT NO. **29**
CASE NO.: 11212
Submitted by: Conoco Inc.
Hearing Date: Mar 2, 1995

Charles H. Coll P.O. Box 1818 Roswell, NM 88202	.03125	O.R.R.I.
Jon F. Coll P.O. Box 1818 Roswell, NM 88202	.03125	O.R.R.I.
James N. Coll P.O. Box 1818 Roswell, NM 88202	.03125	O.R.R.I.
Max W. Coll II RR 9, Box 72F Santa Fe, NM 87505	.03125	O.R.R.I.
Kyle Stallings P.O. Box 10217 Midland, TX 79702	.02087	O.R.R.I.
Joe Gieb III P.O. Box 2434 Midland, TX 75205	.01172	O.R.R.I.
Boyce Rush Davis P.O. Box 516124 Dallas, TX 75251	.07031	O.R.R.I.
Taryhn Nini Morris 2323 Oldham Ln Abilene, TX 79602	.01953	O.R.R.I.
United New Mexico Trust CO TR Nevada Children FDN Inc Reno Cancer Cntr Inc & Nevada Tuberculosis & Health Assn. P.O. Box 5614 Hobbs, NM 88241	.23436	O.R.R.I.
Pat Corrigan, Trustee Pat Corrigan Trust P.O. Box 2410 Vero Beach, FL 32961	.06250	O.R.R.I.
Harold G. Hubbard #235 10034 Regal Park Ln Dallas, TX 75230	.09376	O.R.R.I.
Morgan R. Hubbard P.O. Box 1961 Abilene, TX 79604	.09374	O.R.R.I.
Peggy Donnelly McConnell Ste. 1111 6300 Ridglea Pl Ft. Worth, TX 76116	.12500	O.R.R.I.
William C. Sawtelle P.O. Box 1617 Boerne, TX 78006	.00469	O.R.R.I.
Neville Turner Estate Marilyn Nowlin NINI & Taryn Louise Morris CO- IND Exec 2323 Oldham Lane Abilene, Tx 79602	.02344	O.R.R.I.

Shriners Hospitals For Crippled Children 550050 Lockbox Tampa, FL 33655	.07814	O.R.R.I.
Hugh Corrigan III Trust Hugh Corrigan III Trustee P.O. Box 50460 Midland, TX 79710	.06250	O.R.R.I.
Meridian Oil P.O. Box 840656 Dallas, TX 75284	.37500	O.R.R.I.
James William Bishop P.O. Box 2248 Hot Springs, AR 71914	.03955	O.R.R.I.
Union Oil Company of California Union Oil & Gas Div. Attn Revenue Accounting P.O. Box 84155 Dallas, TX 75284	.09375	O.R.R.I.
Carlyle W. Urban Indpt. Exec Will & Est Orval L. Brace Decd C/O Ann M Clark 5654 Ella Lee Lane Houston, TX 77056	.03125	O.R.R.I.
Ruth Rush Weaver P.O. Box 195 Pearcy, AR 71964	.03076	O.R.R.I.
Marilyn Nowlin NINI 2 Trafalgar Sq. Abilene, TX 79605	.02734	O.R.R.I.
Rembert A Lechner Route 3, Box 325 Terrell, TX 75160	.07031	O.R.R.I.

O F F S E T O P E R A T O R T O D H C W E L L S

Exxon Company USA
P.O. Box 2180
Houston, TX 77252

NE/4 NE/4 Sec. 32
T-20S, R-38E

Offset Location
to Proposed Well
Warren Unit #118

All other locations for proposed downhole commingling are offset only by Conoco Inc. as operator of the Warren Unit.

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SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Pat Corrigan, Trustee Pat Corrigan Trust P.O. Box 2410 Vero Beach, FL 32961

4a. Article Number: 2 111-016-396

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/15/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Harold G. Hubbard #235 10034 Regal Park Ln Dallas, TX 75230

4a. Article Number: 2 111-016-397

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/10/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Morgan R. Hubbard P.O. Box 1961 Abilene, TX 79604

4a. Article Number: 2 111-016-398

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: FEB 08 1995

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Peggy Donnelly McCall Ste. 1111 6300 Ridglea Pl Ft. Worth, TX 76116

4a. Article Number: 2 111-016-399

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/9/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: William C. Sawtelle P.O. Box 1617 Boerne, TX 78005

4a. Article Number: 2 111-001-190

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2-11-95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Neville Turner Estate Marilyn Nowlin NINI & Taryn Louise Morris 2323 Oldham Ln Abilene, TX 79602

4a. Article Number: 2 111-001-191

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/3/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Shriners Hospitals for Crippled Children 550050 Lock Box Tampa, FL 33655

4a. Article Number: 2 111-001-192

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/11/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Hugh Corrigan III Trust H. Corrigan III, Trustee P.O. Box 50460 Midland, TX 79710

4a. Article Number: 2 111-001-193

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/11/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: Meridian Oil P.O. Box 840656 Dallas, TX 75284

4a. Article Number: 2 111-001-194

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/11/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 for additional services. Complete items 3 and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to: James William Bishop P.O. Box 2248 Hot Springs, AR 71914

4a. Article Number: 2 111-001-195

4b. Service Type: Registered Insured Certified COD Express Mail Return Receipt for Merchandise

7. Date of Delivery: 2/11/95

8. Addressee's Address (Only if requested and fee is paid):

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Union Oil Co. of Calif.
Union Oil & Gas Div.
Attn. Revenue Accounting
P.O. Box 84155
Dallas, TX 75284

5. Signature (Addressee)
C. NORTHY

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-196

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
Feb 09 1995

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Carlyle W. Urban Est.
Orval L. Brace Decd.
C/O Ann M Clark
5654 Ella Lee Lane
Houston, Tx 77056

5. Signature (Addressee)
Ann M Clark

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-197

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-10-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Ruth Rush Weaver
P.O. Box 195
Percy, AR 71964

5. Signature (Addressee)
Ruth Rush Weaver

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-198

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-10-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Marilyn Nowlin NINI
2 Trafalgar Sq.
Abilene, TX 79605

5. Signature (Addressee)
Marilyn Nowlin

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-199

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-8-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Rembert A. Lechner
Route 3, Box 325
Terrell, TX 75160

5. Signature (Addressee)
Rembert A. Lechner

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-200

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-14-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to

Exxon Company USA
P.O. Box 2160
Houston, Tx 75160

5. Signature (Addressee)
Exxon Company USA

6. Signature (Agent)

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number
Z 111-001-201

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery
2-14-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 DOMESTIC RETURN RECEIPT