

DATE IN 8/10/98	SUSPENSE 8/31/98	ENGINEER DC	LOGGED BY KW	TYPE DHC
-----------------	------------------	-------------	--------------	----------

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

AUG 10 1998

NEW MEXICO OIL CONSERVATION DIVISION

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

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

[B] ☒ Offset Operators, Leaseholders or Surface Owner

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

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

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

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

[F] ☐ Waivers are Attached

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

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

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

Kay Maddox
Print or Type Name

Signature

Kay Maddox

Regulatory Agent
Title

8/4/98
Date

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

DISTRICT II
811 Southl First St. Artesia NM 88210 2835

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

Lease Warren Unit Well No #112 Unit Ltr Sec Twp Rge Section 28, T-20-S, R-38-E, G County Lea

OGRID NO. 005073 Property Code 003122 API NO. 30-025-32489 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	Warren Blinebry Tubb 62965		Warren Drinkard 63080
2. TOP and Bottom of Pay Section (Perforations)	5745-6563'		6677-6798'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	650		615
	b(Original)	b.	b.
	1570		1625
6. Oil Gravity (°API) or Gas BT Content	38.9		41.6
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates:	Date Rates
Note For new zones with no production history applicant should be required to attach production estimates and supporting data			
• If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates 6/1/98 21 BO, 7 BW, 345 MCF	Date Rates 6/1/98 5 BO, 4 BW, 266 MCF	Date Rates 6/1/98 5 BO, 4 BW, 266 MCF
8. Fixed Percentage Allocation Formula - % or each zone	oil: 80.77 % Gas 56.5 %	oil: % Gas %	oil: 19.23 % Gas 43.5 %

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 communized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S):

16. ATTACHMENTS

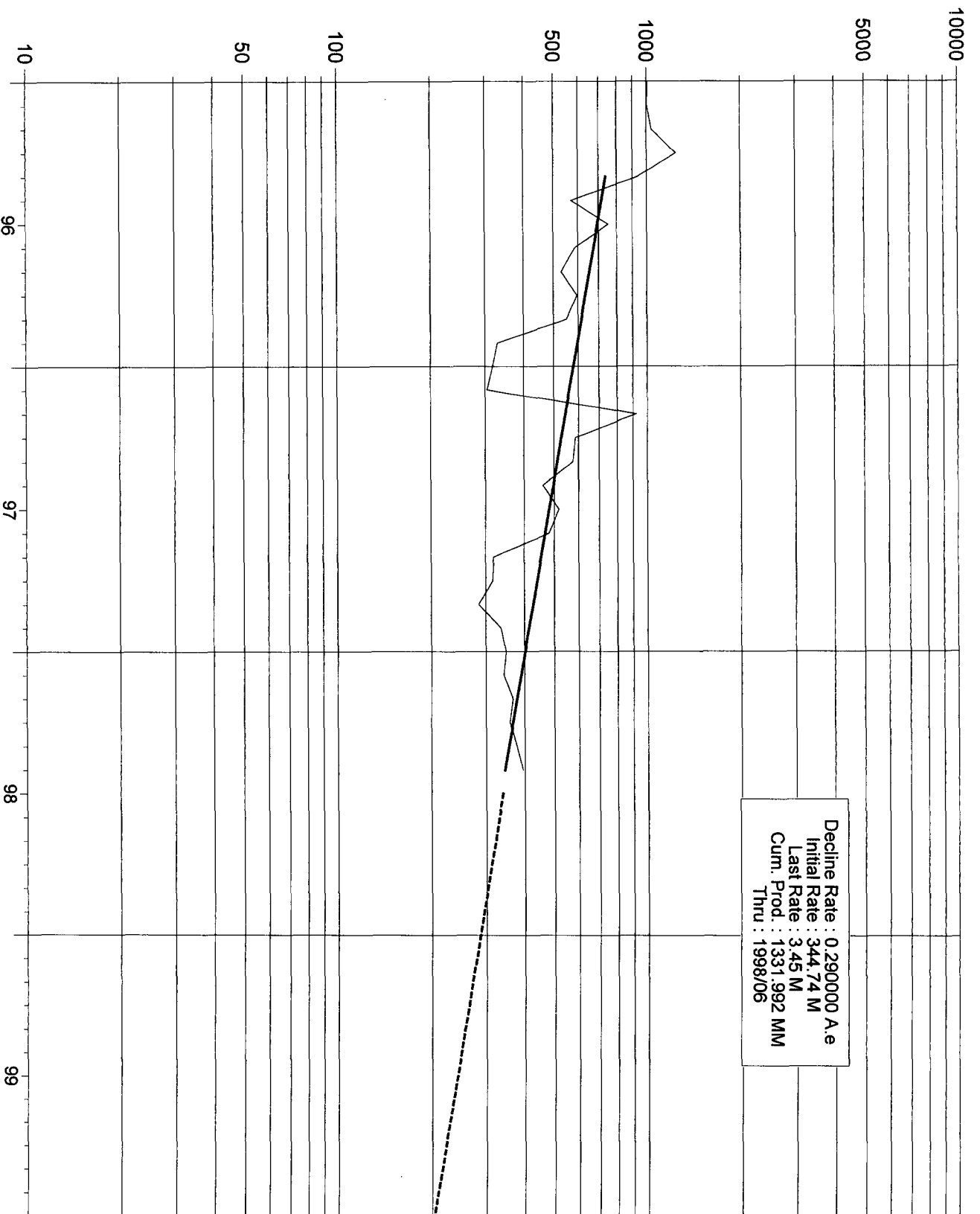
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE August 4, '98

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

Warren Unit 112 Blinebry-Tubb Gas Forecast

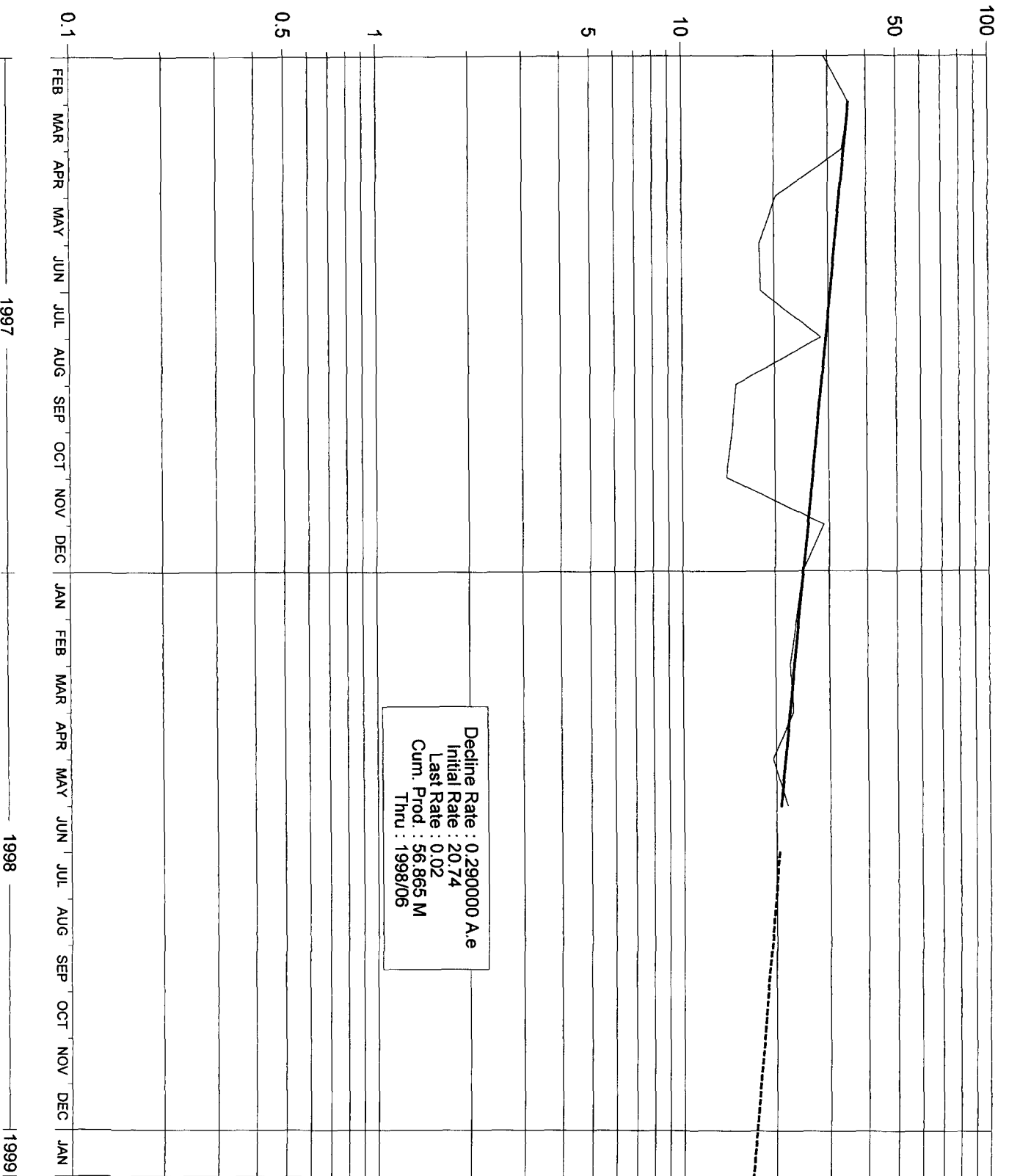


WARREN_UNIT_112:BT

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
Schedule: # 1							
1998/12	290.48	316.82	58.29	1390.3	309.2	#	1
1999/12	206.24	245.77	89.70	1480.0	219.5	#	1
2000/12	146.43	174.56	63.89	1543.9	155.6	#	1
2001/12	103.97	123.89	45.22	1589.1	110.4	#	1
2002/12	73.82	87.96	32.11	1621.2	78.3	#	1
2003/12	52.41	62.45	22.80	1644.0	55.5	#	1
2004/12	37.21	44.36	16.24	1660.2	39.3	#	1
2005/12	26.42	31.48	11.49	1671.7	27.8	#	1
2006/12	18.76	22.35	8.16	1679.9	19.6	#	1
2007/12	13.32	15.87	5.79	1685.7	13.8	#	1
2008/12	9.46	11.27	4.13	1689.8	9.7	#	1
2009/12	6.71	8.00	2.92	1692.7	6.8	#	1
2010/12	4.77	5.68	2.07	1694.8	4.7	#	1
2011/12	3.38	4.03	1.47	1696.3	3.2	#	1
2012/12	2.40	2.86	1.05	1697.3	2.2	#	1
2013/12	1.71	2.03	0.74	1698.1	1.4	#	1
2014/12	1.21	1.44	0.53	1698.6	0.9	#	1
2015/12	0.86	1.02	0.37	1699.0	0.5	#	1
2016/12	0.61	0.73	0.27	1699.2	0.3	#	1
2017/12	0.43	0.52	0.19	1699.4	0.1	#	1
2018/ 6	0.37	0.40	0.07	1699.5	-0.0	#	1

Warren Unit 112 Blinbry-Tubb Oil Forecast

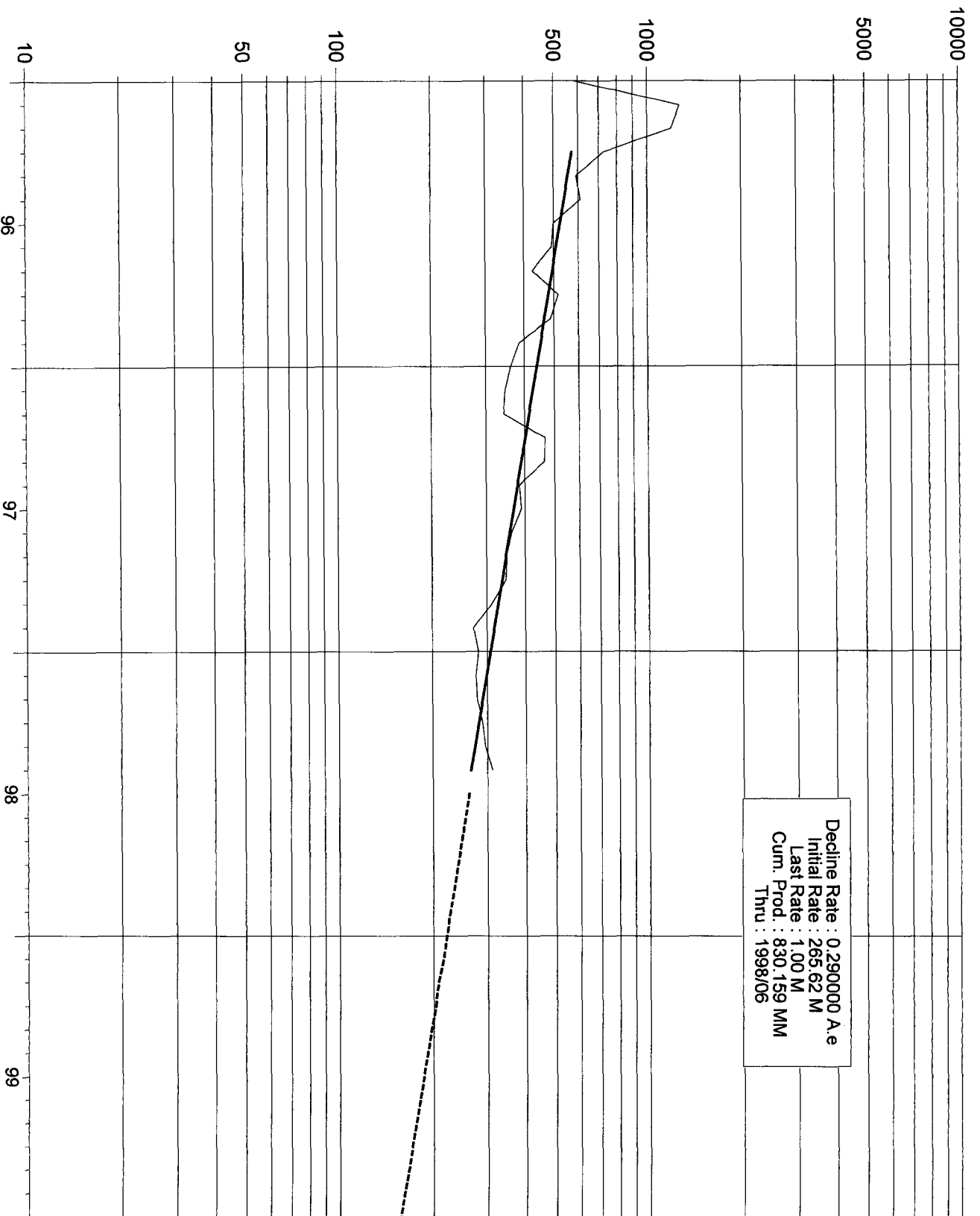
Oil Rate (CD)



WARREN_UNIT_112:BT

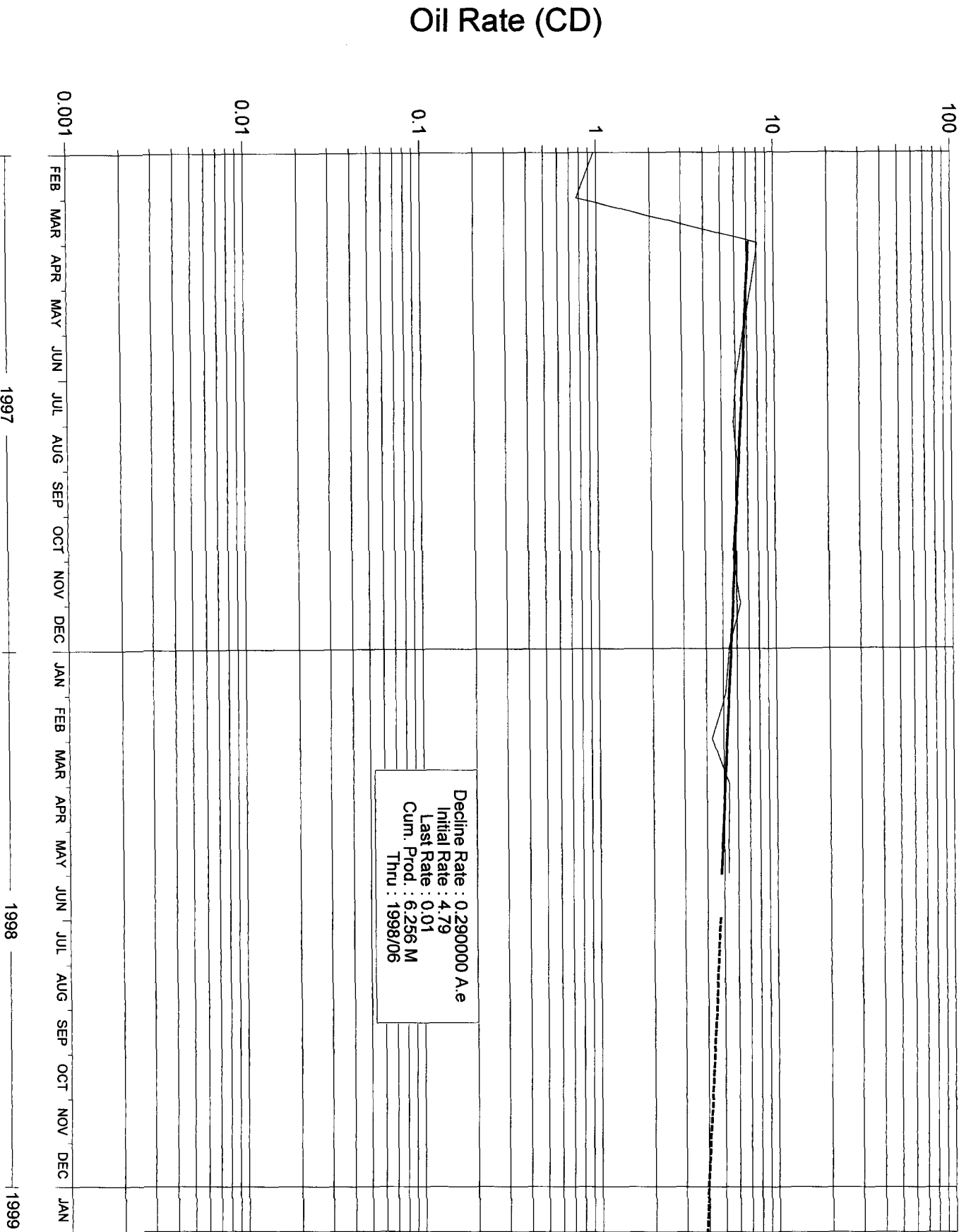
End of DATE	Instant Rate bbls/d	Average Rate bbls/d	Monthly Volume Mbbbls	Cumulative Volume Mbbbls	Remaining Reserves Mbbbls		
Schedule: # 1							
1998/12	17.47	19.06	3.51	60.4	18.6	#	1
1999/12	12.41	14.78	5.40	65.8	13.2	#	1
2000/12	8.81	10.50	3.84	69.6	9.4	#	1
2001/12	6.25	7.45	2.72	72.3	6.6	#	1
2002/12	4.44	5.29	1.93	74.3	4.7	#	1
2003/12	3.15	3.76	1.37	75.6	3.3	#	1
2004/12	2.24	2.67	0.98	76.6	2.4	#	1
2005/12	1.59	1.89	0.69	77.3	1.7	#	1
2006/12	1.13	1.34	0.49	77.8	1.2	#	1
2007/12	0.80	0.95	0.35	78.1	0.8	#	1
2008/12	0.57	0.68	0.25	78.4	0.6	#	1
2009/12	0.40	0.48	0.18	78.6	0.4	#	1
2010/12	0.29	0.34	0.12	78.7	0.3	#	1
2011/12	0.20	0.24	0.09	78.8	0.2	#	1
2012/12	0.14	0.17	0.06	78.8	0.1	#	1
2013/12	0.10	0.12	0.04	78.9	0.1	#	1
2014/12	0.07	0.09	0.03	78.9	0.1	#	1
2015/12	0.05	0.06	0.02	78.9	0.0	#	1
2016/12	0.04	0.04	0.02	79.0	0.0	#	1
2017/12	0.03	0.03	0.01	79.0	0.0	#	1
2018/ 6	0.02	0.02	0.00	79.0	-0.0	#	1

Warren Unit 112 Drinkard Gas Forecast



End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
Schedule: # 1							
1998/12	223.81	244.11	44.92	875.1	238.2	#	1
1999/12	158.91	189.36	69.12	944.2	169.1	#	1
2000/12	112.82	134.50	49.23	993.4	119.9	#	1
2001/12	80.11	95.46	34.84	1028.3	85.1	#	1
2002/12	56.87	67.77	24.74	1053.0	60.3	#	1
2003/12	40.38	48.12	17.56	1070.6	42.8	#	1
2004/12	28.67	34.18	12.51	1083.1	30.2	#	1
2005/12	20.36	24.26	8.85	1091.9	21.4	#	1
2006/12	14.45	17.22	6.29	1098.2	15.1	#	1
2007/12	10.26	12.23	4.46	1102.7	10.6	#	1
2008/12	7.29	8.69	3.18	1105.9	7.5	#	1
2009/12	5.17	6.16	2.25	1108.1	5.2	#	1
2010/12	3.67	4.38	1.60	1109.7	3.6	#	1
2011/12	2.61	3.11	1.13	1110.8	2.5	#	1
2012/12	1.85	2.21	0.81	1111.6	1.7	#	1
2013/12	1.31	1.57	0.57	1112.2	1.1	#	1
2014/12	0.93	1.11	0.41	1112.6	0.7	#	1
2015/12	0.66	0.79	0.29	1112.9	0.4	#	1
2016/12	0.47	0.56	0.21	1113.1	0.2	#	1
2017/12	0.33	0.40	0.15	1113.3	0.1	#	1
2018/ 6	0.28	0.31	0.06	1113.3	0.0	#	1

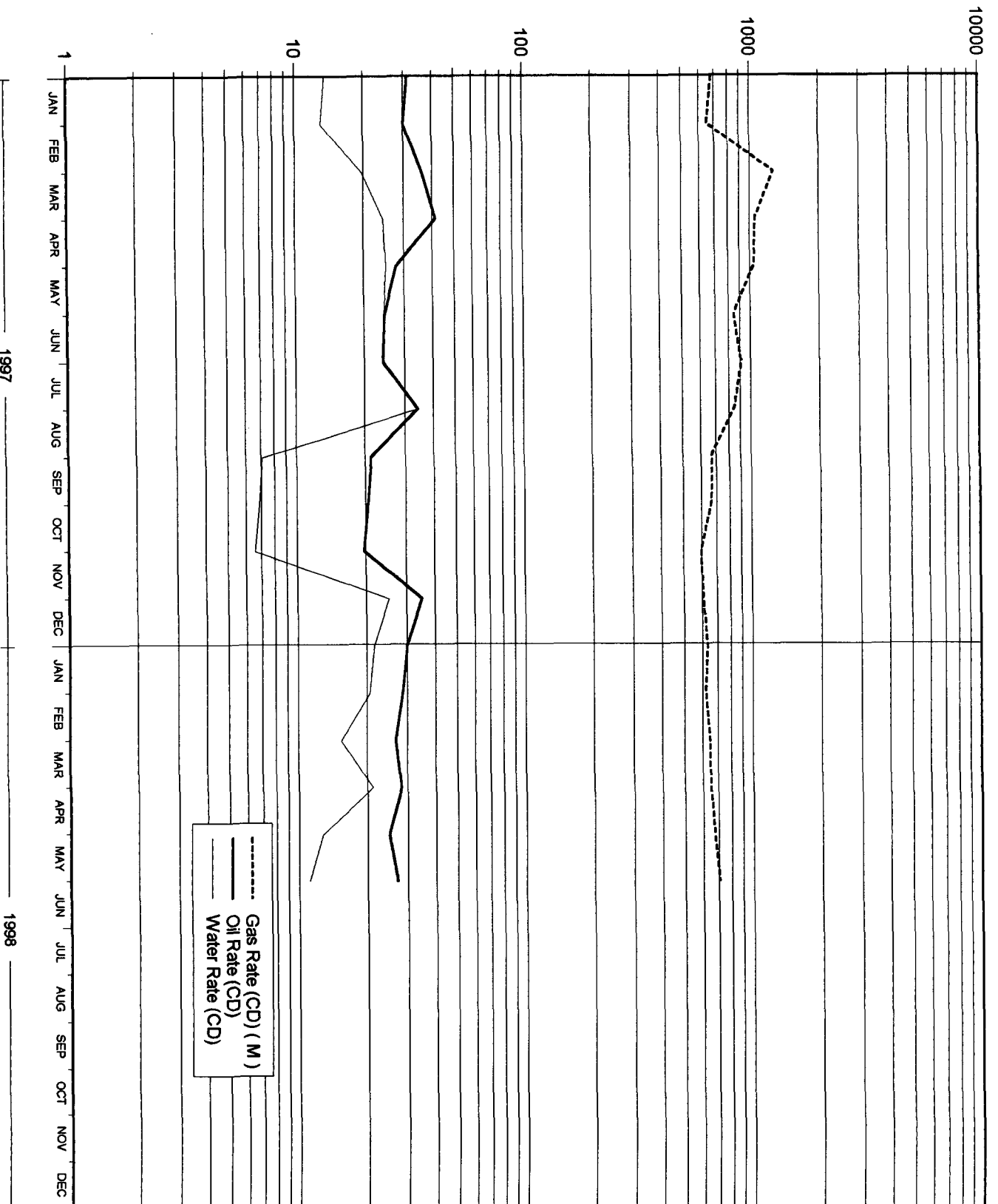
Warren Unit 112 Drinkard Oil Forecast



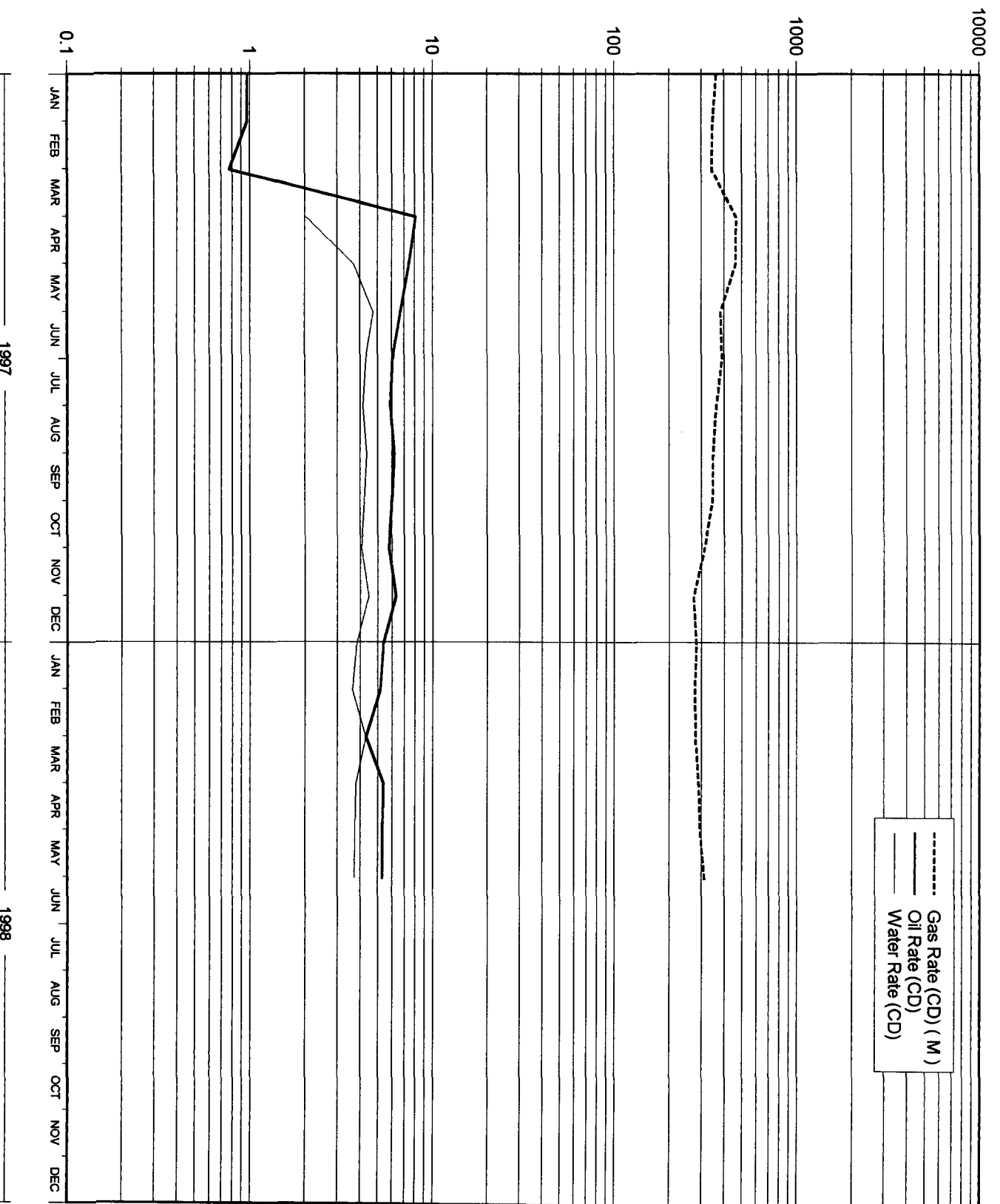
WARREN_UNIT_112:DR

End of DATE	Instant Rate bbls/d	Average Rate bbls/d	Monthly Volume Mbbbls	Cumulative Volume Mbbbls	Remaining Reserves Mbbbls		
Schedule: # 1							
1998/12	4.04	4.40	0.81	7.1	4.3	#	1
1999/12	2.87	3.41	1.25	8.3	3.0	#	1
2000/12	2.03	2.43	0.89	9.2	2.2	#	1
2001/12	1.44	1.72	0.63	9.8	1.5	#	1
2002/12	1.03	1.22	0.45	10.3	1.1	#	1
2003/12	0.73	0.87	0.32	10.6	0.8	#	1
2004/12	0.52	0.62	0.23	10.8	0.5	#	1
2005/12	0.37	0.44	0.16	11.0	0.4	#	1
2006/12	0.26	0.31	0.11	11.1	0.3	#	1
2007/12	0.19	0.22	0.08	11.2	0.2	#	1
2008/12	0.13	0.16	0.06	11.2	0.1	#	1
2009/12	0.09	0.11	0.04	11.3	0.1	#	1
2010/12	0.07	0.08	0.03	11.3	0.1	#	1
2011/12	0.05	0.06	0.02	11.3	0.0	#	1
2012/12	0.03	0.04	0.01	11.3	0.0	#	1
2013/12	0.02	0.03	0.01	11.3	0.0	#	1
2014/12	0.02	0.02	0.01	11.3	0.0	#	1
2015/12	0.01	0.01	0.01	11.4	0.0	#	1
2016/12	0.01	0.01	0.00	11.4	0.0	#	1
2017/12	0.01	0.01	0.00	11.4	0.0	#	1
2018/ 6	0.01	0.01	0.00	11.4	-0.0	#	1

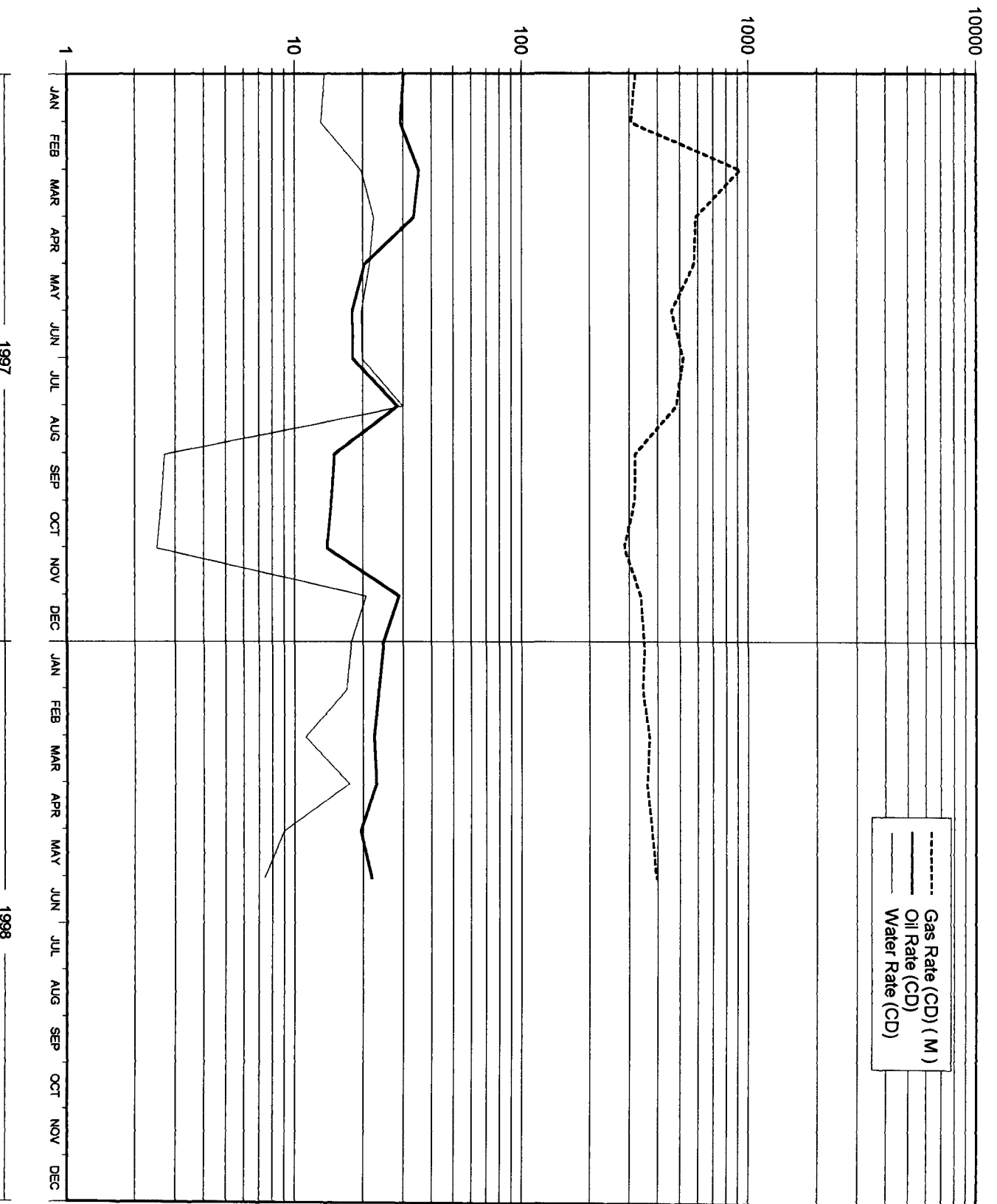
WARREN UNIT 112:BT(2)



WARREN UNIT 112:DR



WARREN UNIT 112:BT



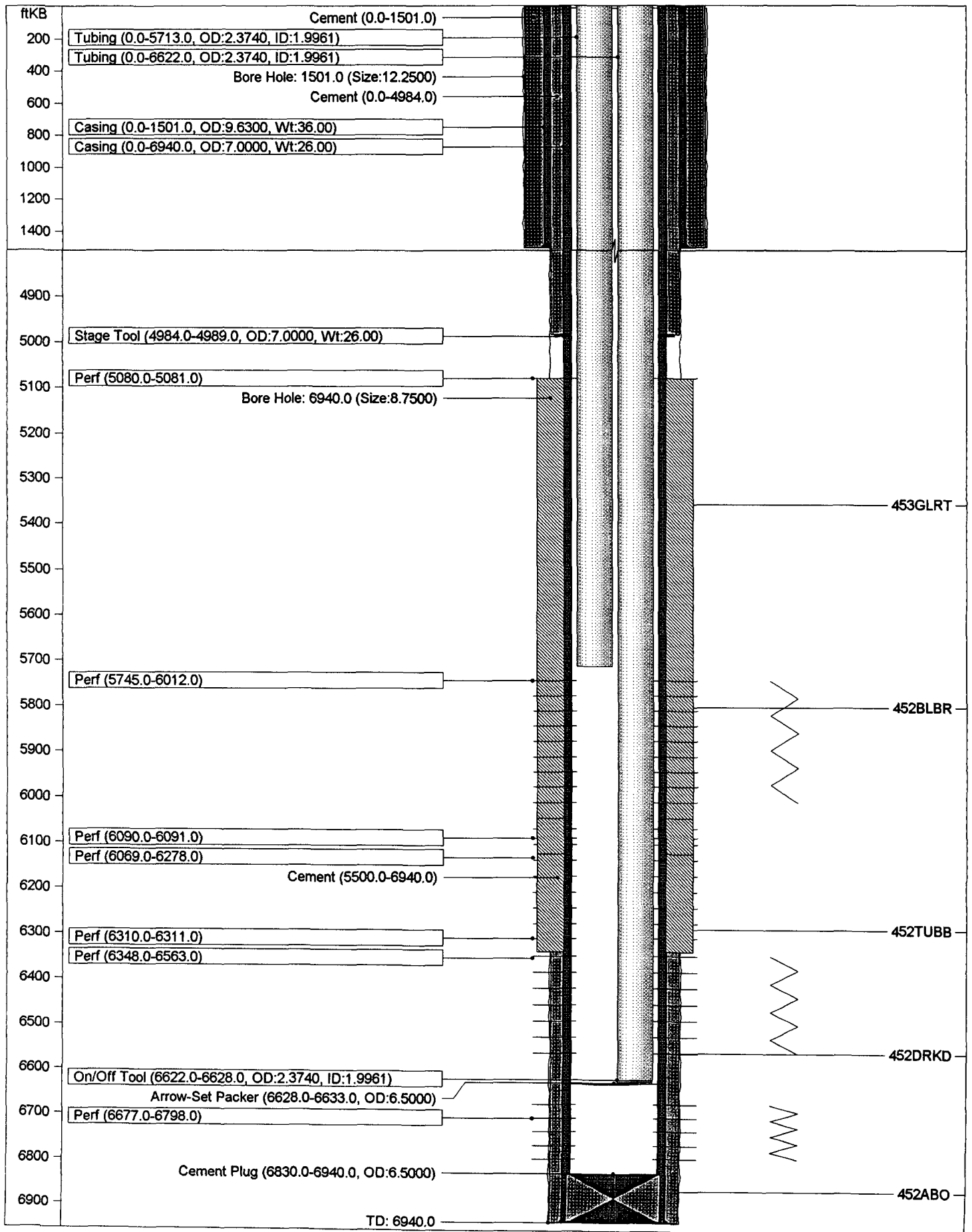
WARREN UNIT #112 (SLB 4/17/98)

WARREN UNIT #112 (SLB 4/17/98)							
API No.	30025324890000			Status	2 OIL		
TD	6940.0 ftKB			Frm. at TD	452ABO		
PBTD	6830.0 ftKB			Frm. Prod.	452BLBR		
Operator	CONOCO INC			Permit			
Well No.	112			Spud	04-Jun-94		
Permit No.				RR			
Field	WARREN			Completion	25-Aug-94		
District	Hobbs O.U.			Last Act.			
Init. Well Class.	development well			Abandoned			
Final Well Class.	multiple completion, oil						
Location							
Township	S020			Top Latitude	32.54597		
Half Township				Top Longitude	103.1507		
Range	E038			Top NS Distance	1930.0 ft N		
Half Range				Top EW Distance	1980.0 ft E		
Section	28			Bottom Latitude	0		
Spot	G			Bottom Longitude	0		
Meridian Code	New Mexico			Btm NS Distance	0.0 ft		
Meridian	NEW MEXICO			Btm EW Distance	0.0 ft		
Elevations							
KB	3549.0 ft			Cas Flng	0.0 ft		
Grd	3532.6 ft			Tub Head	0.0 ft		
KB-Grd	16.4 ft						
Bore Hole Data							
	Depth (ftKB)				Size (in)		
	1501.0				12.2500		
	6940.0				8.7500		
Casing String - Surface Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
9.6300 in Casing	1501.0	34	8.9200	36.00	K-55	8rd STC	
Casing String - Production Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
7.0000 in Casing	6940.0	115	6.2800	26.00	K-55	LTC	
7.0000 in Stage Tool	4989.0		6.2800	26.00	K-55	LTC	
Casing Cement							
Casing String	Top (ftKB)	Amount (sx)	Comments				
Surface Casing	0.0	700	Cmt circ				
Production Casing	0.0	1100	Cmt circ. CBL indicates free pipe 5060 - 6100'				
Production Casing	5500.0	204	TOC calc. DV @ 4984'. 1st stg 204 sx, 2nd stg 1100 sx.				
Other (plugs, equip., etc.) - Plug Backs							
Date	Item	Int (ftKB)		Comments			
25-Jun-94	Cement Plug	6830.0 - 6940.0					
Other (plugs, equip., etc.) - Permanent Downhole Equipment							
Date	Item	Int (ftKB)		Comments			
22-Aug-94	Arrow-Set Packer	6628.0 - 6633.0					
Perforations							
Date	Int	Shots (/ft)	Type	Comments			
07-Jul-94	6677.0 - 6798.0	1.0		@ 6677-85, 6689-95, 6699-6706, 6712-26, 6735-39, 6751-55, 6763-76, & 6782-98			
12-Jul-94	6348.0 - 6563.0	1.0		@ 6348-56, 58-64, 72-81, 84-96, 6404-13, 20-34, 39-43, 46-50, 59-70, 74-81, 6496-6501, 05-14, 18-23, 26-37, & 6553-63 in 2,000 G 15% NEFE HCL			
15-Jul-94	5080.0 - 5081.0	4.0		Squeeze holes			
15-Jul-94	6310.0 - 6311.0	4.0		Squeeze holes			
16-Jul-94	6069.0 - 6278.0	1.0		@ 6069-95, 6102-08, 6112-19, 6157-69, 6173-81, 6188-97, 6202-09, 6216-21, 6224-30, 6234-38, 6242-46, 6249-58, & 6270-78			
19-Jul-94	6090.0 - 6091.0	4.0		Squeeze holes			
10-Aug-94	5745.0 - 6012.0	1.0		@ 5745-48, 52-56, 59-64, 66-75, 78-85, 90-93, 96-5804, 08-16, 70-76, 83-95, 98-5910, 53-70, 85-96, & 6002-12			
Stimulations & Treatments							
Date	Type	Zone	Int	Fluid	Comments		
08-Jul-94	Acid Fracture	Drinkard	6677.0 - 6798.0	15% NEFE HCL	Acid frac w/10,500 G 15% NEFE HCL & 20,000 G X-Linked 15% NEFE HCL w/40 BS @ 15 bpm in two stgs. BDP=3600#, ATP=3500#, ISIP=Vac.		
13-Jul-94	Fracture	Tubb	6348.0 - 6563.0	Spectra G-3500	Sprhd w/3,500 G 15% NEFE HCL followed by 15,000 G Spectra G-3500 dummy frac tagged w/RAM @ 55 bpm. ISIP=2300#. Post trtmt log indicated trtmt in zone & up into free pipe section. Further trtmt postponed pending remedial cementing.		
15-Jul-94	Cement Squeeze	Production Casing	6190.0 - 6340.0	Class "C" Cement	Spot 200 G 15% HCL to squeeze holes. BD @ 3300#. Pmp 20 sx cmt. Final sqz press 2750#		

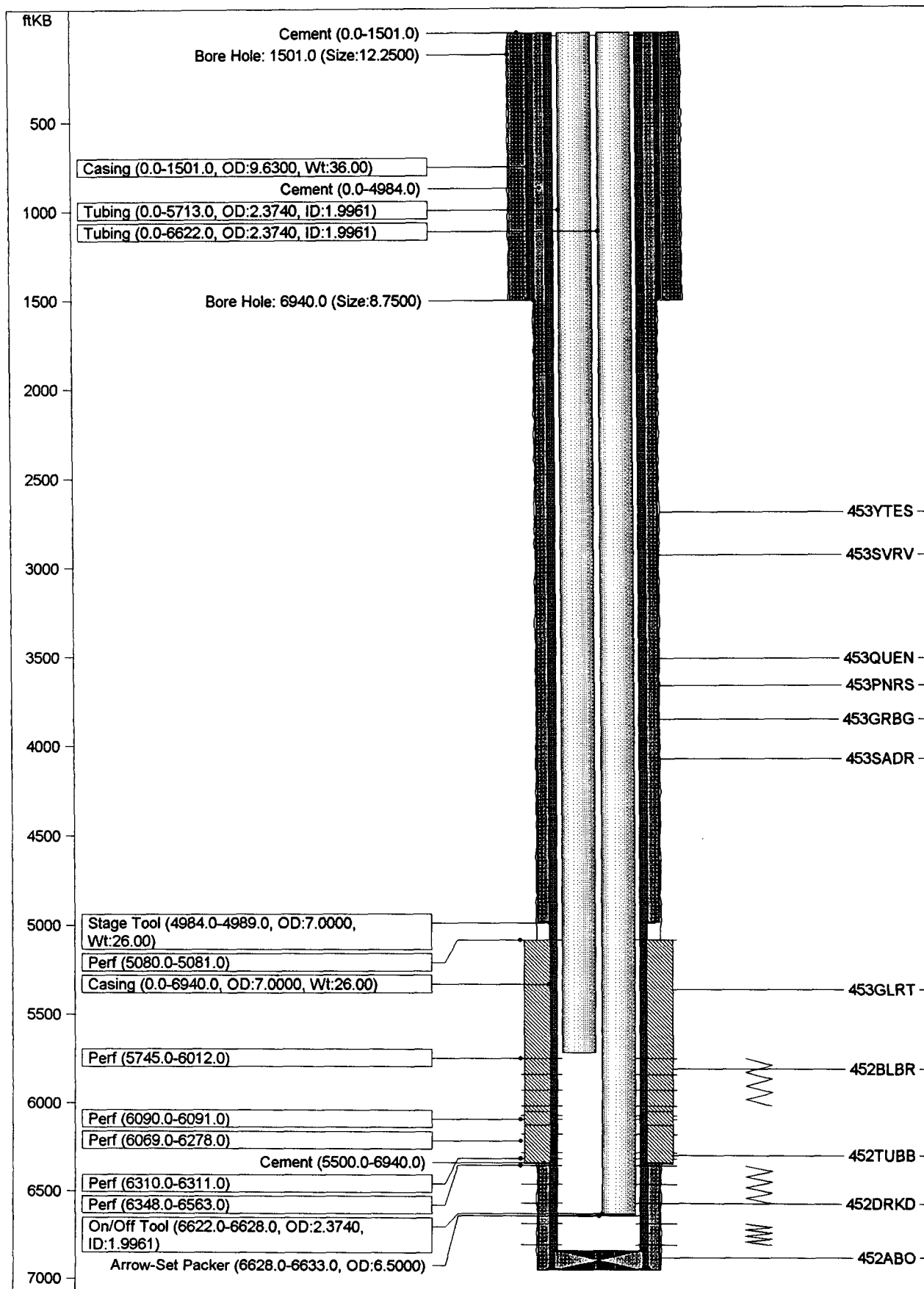
WARREN UNIT #112 (SLB 4/17/98)

Stimulations & Treatments (con't)								
Date	Type	Zone	Int	Fluid	Comments			
20-Jul-94	Cement Squeeze	Production Casing	5080.0 - 6340.0	Class "C" Cement	Mix & pmp 260 sx cmt. Press upper sqz holes to 1000#. DO ret & cmt to 6045'. Attempt press test to 4000#, BD @ 3300#.			
26-Jul-94	Cement Squeeze	Production Casing	6045.0 - 6125.0	Class "C" Cement	Pmp 75 sx cmt. Final sqz press 3500#.			
29-Jul-94	Fracture	Tubb	6348.0 - 6563.0	Spectra G-3500	Ppd 15,000 G Spectra G-3500 dummy frac tagged w/RAM @ 55 bpm. ISIP=2500#. Frac w/79,000 G Spectra G-3500 & 140,000# 16/30 Ottawa sand & 93,000# RCS tagged w/RAM @ 55 bpm. AIP=2,670#. Max sand concentration 12 ppg. ISIP=2700#.			
04-Aug-94	Fracture	Drinkard	6677.0 - 6798.0	Spectra G-3500	Ppd 15,000 G Spectra G-3500 dummy frac tagged w/RAM @ 60 bpm. ISIP=2700#. Frac Blinebry 4-5 w/101,000 G Spectra G-3500 & 193,000# 16/30 Ottawa sand & 42,000# 16/30 RCS tagged w/RAM @ 60-67 bpm. Max sand concentration 10 PPG. ISIP=2860#			
12-Aug-94	Fracture	Blinebry	5745.0 - 6012.0	Spectra G-3500	Frac w/106,000 G Spectra G-3500 & 207,050# 16/30 Ottawa sand & 101,125# 16/30 RCS @ 60 bpm. AIP=2,520#. Max sand concentration 12 ppg. ISIP=2,800#			
Tubing String - Tubing (DRNKRD)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.3740 in Tubing	0.0	6622.0	208	1.9961	4.70	L-80		
2.3740 in On/Off Tool	6622.0	6.0	1	1.9961	4.70	L-80		
Tubing String - Tubing (BLNBY/TUBB)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.3740 in Tubing	0.0	5713.0	184	1.9961	4.70	J-55		
Formation/Horizon Tops								
Top (ftKB)	Frm. Code							
2690.0	453YTES							
2930.0	453SVRV							
3513.0	453QUEN							
3664.0	453PNRS							
3853.0	453GRBG							
4074.0	453SADR							
5359.0	453GLRT							
5803.0	452BLBR							
6290.0	452TUBB							
6562.0	452DRKD							
6869.0	452ABO							
Logs Run								
Date	Type	Int	Company		Comments			
23-Jun-94	(TBRT) DUAL LATEROLOG, MICROLATEROL	1501.0 - 6910.0	Atlas					
23-Jun-94	DUAL LATEROLOG, MICRO LATEROLOG, GR-C	1501.0 - 6910.0	Atlas					
23-Jun-94	DEN/NEU, GR-C	2550.0 - 6872.0	Atlas					
23-Jun-94	PROLOG	3840.0 - 6870.0	Atlas					
24-Jun-94	200 Mhz DIELECTRIC, GR	2550.0 - 6888.0	Atlas					
07-Jul-94	GR-CBL	2600.0 - 6815.0	Wedge Wireline					
29-Jul-94	After Frac	6000.0 - 6634.0	Temperature Evaluation Logging Co., Inc.					
04-Aug-94	After Frac	5500.0 - 6341.0	Temperature Evaluation Logging Co., Inc.					

WARREN UNIT #112 (SLB 4/17/98)



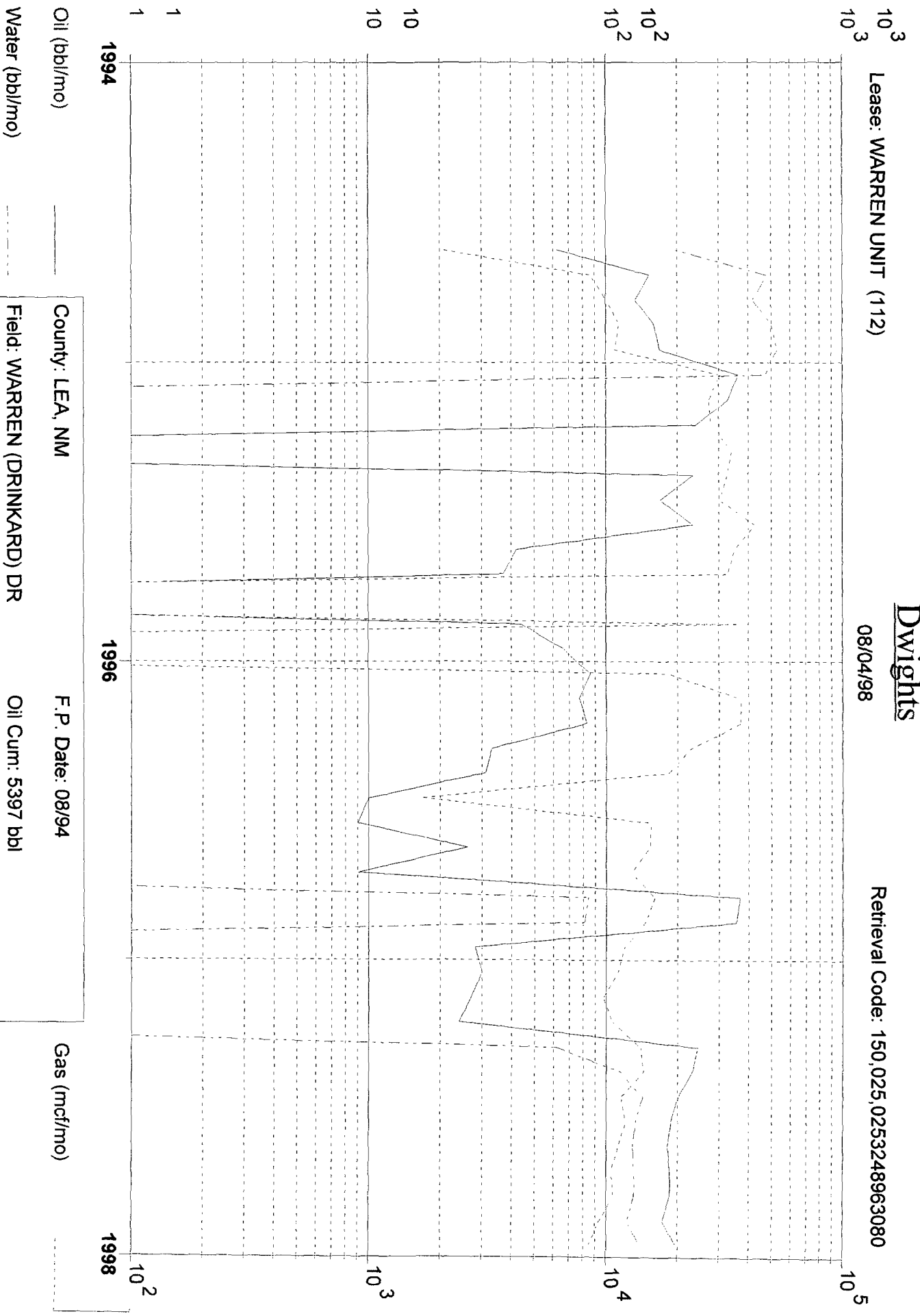
WARREN UNIT #112 (SLB 4/17/98)



Lease: WARREN UNIT (112)

Dwights
08/04/98

Retrieval Code: 150,025,0253248963080



County: LEA, NM	F.P. Date: 08/94
Field: WARREN (DRINKARD) DR	Oil Cum: 5397 bbl
Reservoir: DRINKARD	Gas Cum: 724.5 mmcf
Operator: CONOCO INC	Location: 28G 20S 38E

105



Gas (mcf/mo)

August 4, 1998

Warren Unit #112
Section 28, T-20-S, R-38-E, G
Lea County, New Mexico

RE: Application to Downhole Commingle

OFFSET OPERATOR

Conoco, Inc. is the only offset operator.

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-107
Revised 4-1-91

30025-3248900

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Coronado

10 Desta Drive, Suite 100W Midland, TX 79705

Operator Warren Unit	Address G 28 - 20S - 38E	Lea
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge
		County

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Warren Blinebry-Tubb	-	Warren Drinkard 6677'-6798'
b. Top and Bottom of Pay Section (Perforations)	5745'-6563'		6677'- 6798'
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☒ Actual ☐ Estimated Oil Bbls. Gas MCF Water Bbls.	72 BOPD 0 BWPD 1979 MCFGPD		2 BOPD 1 BWPD 1136 MCFGPD

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
 - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
 - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Jerry W. Hoover

Printed Name & Title Sr. Conservation Coordinator

Date 12/14/94 Telephone (915) 686-6548

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNATURE
DISTRICT SUPERVISOR

Title: _____

Date: DEC 16 1994

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Place other in-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
LC 031695B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
WARREN UT BLN/TUB WF #1129. API WELL NO.
30-025-3248910. FIELD AND POOL, OR WILDCAT
WARREN BLINEBRY/TUBB O&G11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

SEC. 26, T-20S, R-38E

12. COUNTY OR
PARISH
LEA13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS AND TELEPHONE NO.

10 DESTA DR STE 100W, MIDLAND, TEXAS 79705 (915)-686-5424

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1930' FNL & 1980' FEL UNIT LTR 'G'

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 6-4-94 16. DATE T.D. REACHED 6-26-94 17. DATE COMPL. (Ready to prod.) 8-24-94 18. ELEVATIONS (OF. RKB, RT. GR, ETC.)* KB 3549; GL 3540. DF 3548 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6940 21. PLUG, BACK T.D., MD & TVD 3899 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5745 - 6278 BLINEBRY
6348 - 6563 TUBB25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL

27. WAS WELL CORED
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	1501	12 1/4	700 SX	
7	26	6940	8 3/4	1304 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	5713	6628

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

(Dual w/ Drinker)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-25-94		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9-5-94	24	64/64	→	177	2689	20	15.192
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
50	900	→	177	2689	20	38.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

TEST WITNESSED BY

J. BLACK

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rich R. Seawley

TITLE

SR. STAFF ANALYST

DATE

9-28-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE
(See other instructions on reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

LC 031695B

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.

WARREN UT #112

API WELL NO.

30-025-32489

FIELD AND POOL, OR WILDCAT

WARREN DRINKARD
11. SEC., T., R., E. OR BLOCK AND SURVEY OR AREA

SEC. 28, T-20S, R-38E

12. COUNTY OR PARISH
LEA13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVENR. ☐ Other _____

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS AND TELEPHONE NO.

10 DESTA DR STE 100W, MIDLAND, TEXAS 79705 (915)-686-5424

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1930' FNL & 1980' FEL UNIT LTR 'G'

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 6-4-94 16. DATE T.D. REACHED 6-26-94 17. DATE COMPL. (Ready to prod.) 8-24-94 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3549; GL 3540, DF 3548 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6940 21. PLUG, BACK T.D., MD & TVD 3899 22. IF MULTIPLE COMPL. HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6677 - 6789 DRINKARD

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CBL

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE, GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	1501	12 1/4	700 SX	
7	26	6940	8 3/4	1304 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6628	6628

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

(Dual w/ Blinabry/Tubbs & G)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	SEE ATTACHED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-25-94		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9-5-94	24	64/64	→	2	1250	0	62,500
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
195	0	→	2	1250	0	41.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

TEST WITNESSED BY

J. BLACK

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Rich R. Hendley

TITLE

SR. STAFF ANALYST

DATE

9-28-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

30025-3248900

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-32489	² Pool Code 63080	³ Pool Name Warren Drinkard
⁴ Property Code 003122	⁵ Property Name Warren Unit	⁶ Well Number 112
⁷ OGRID No. 005073	⁸ Operator Name CONOCO INC.	⁹ Elevation 3540.1'

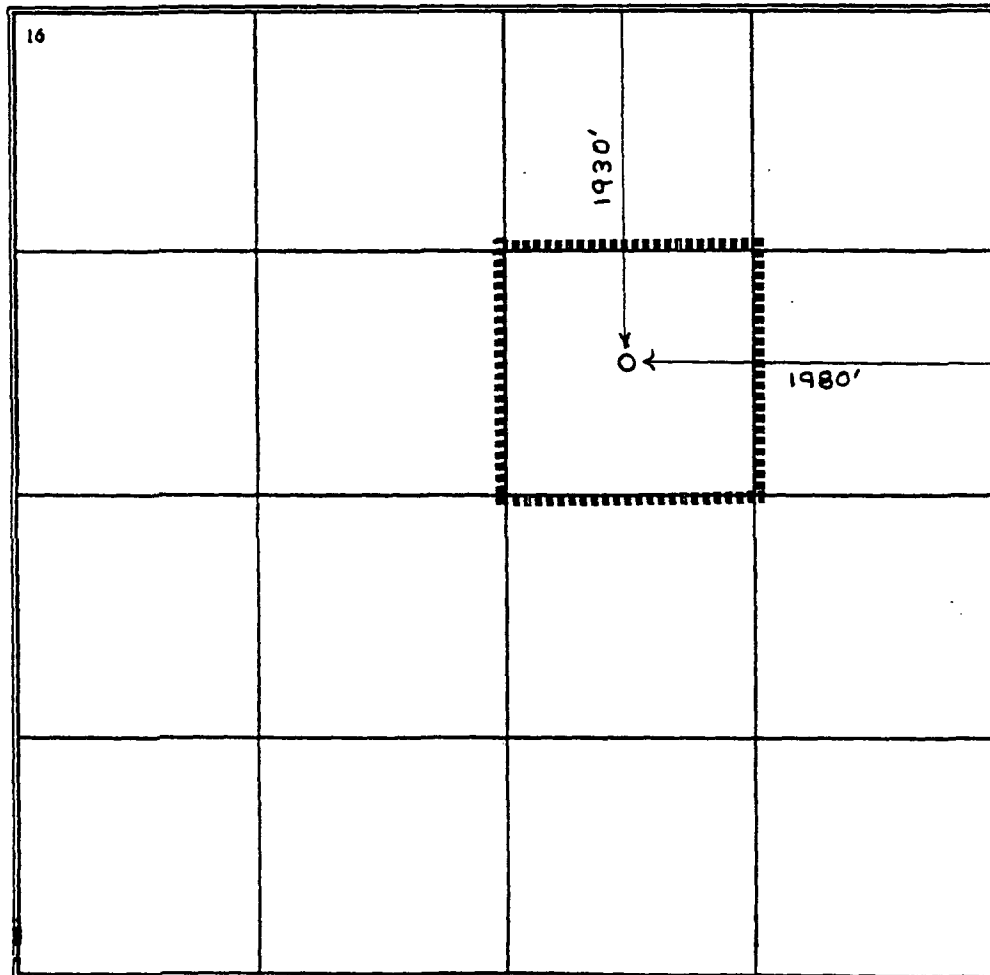
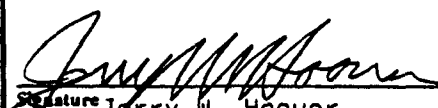
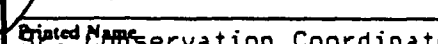
¹⁰ Surface Location

UL or lot no. 6	Section 28	Township 20S	Range 38E	Lot Ida	Feet from the 1930	North/South line North	Feet from the 1980	East/West line East	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	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

16 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Jerry W. Hoover  Printed Name Conservation Coordinator Title 9/21/94 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
--	--

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

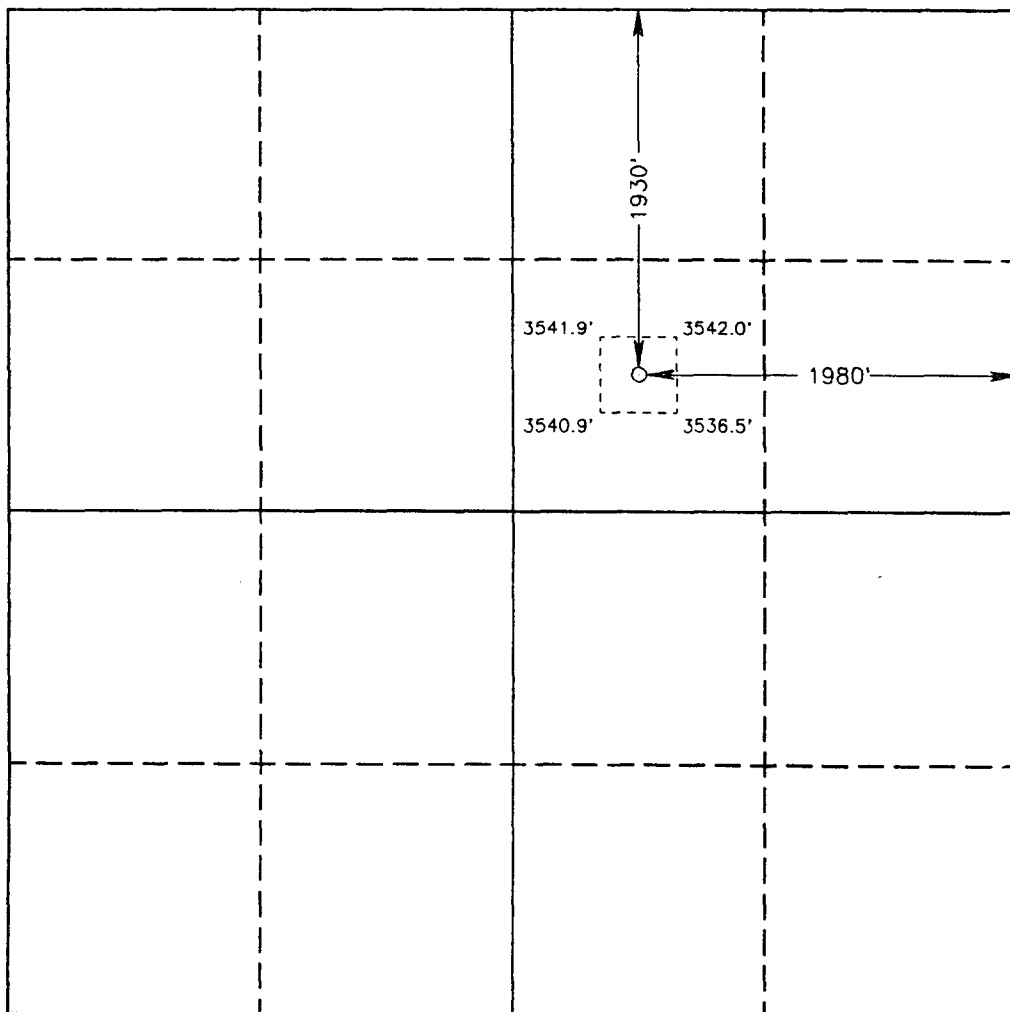
Operator CONOCO INC.			Lease WARREN UNIT		Well No. 112
Unit Letter G	Section 28	Township 20 SOUTH	Range 38 EAST NMPM	County LEA	
Actual Footage Location of Well: 1930 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 3540.4'	Producing Formation		Pool	Dedicated Acreage: Acres	

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

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

OPERATOR CERTIFICATION

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

Signature

Printed Name

Position

Company

Date

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 knowledge and
belief.

Date Surveyed

JUNE 29, 1993

Signature & Seal of
Professional Surveyor

