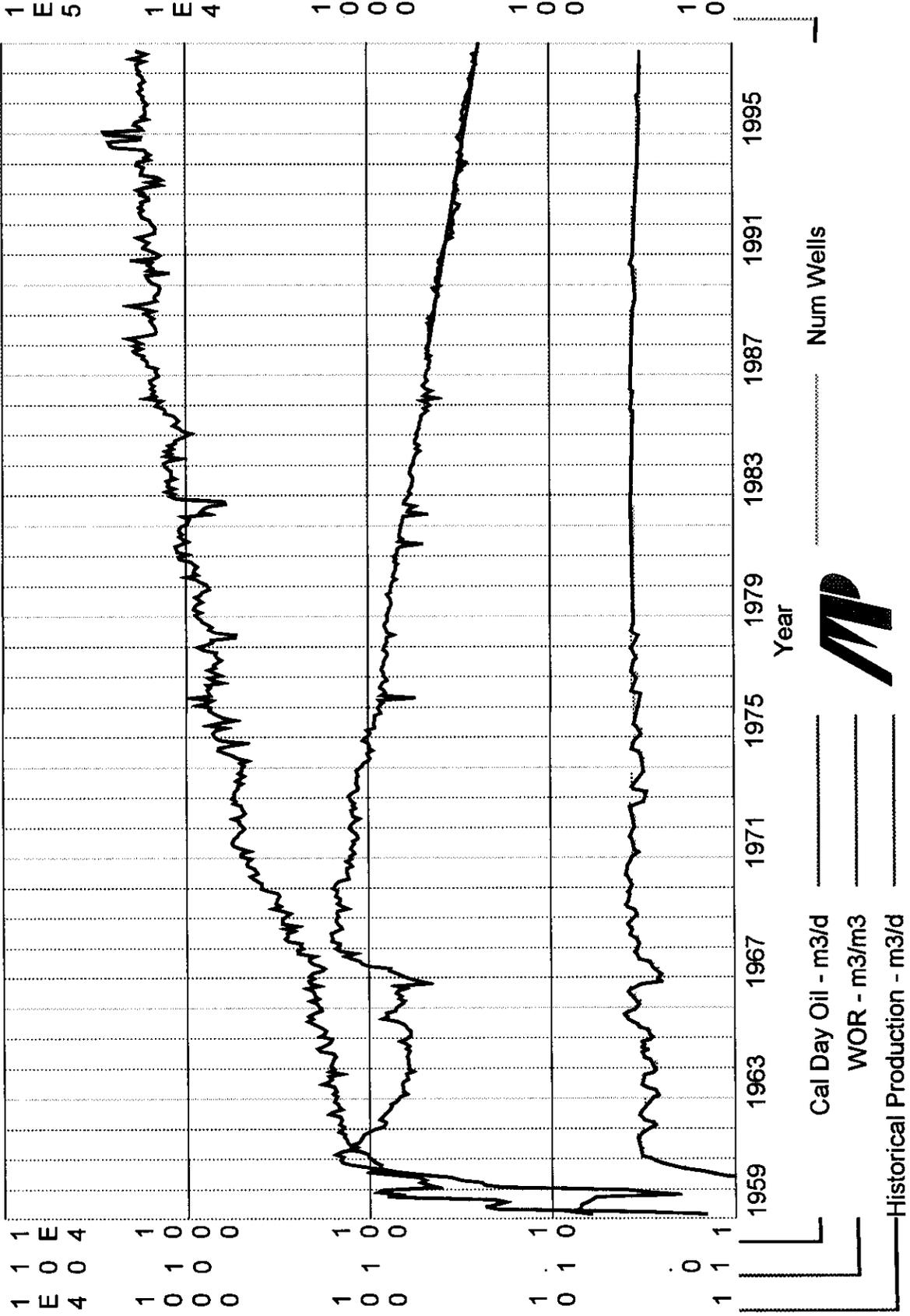


VRU No. 2 Data 02/59-09/97

Historical Production (Rate-Time)
 qi: 47.3021 m3/d, Jul, 1987
 qf: 1.58936 m3/d, Nov, 2040
 di(Exp): 6.15 CTD: 999307 m3
 RR: 132754 m3 Tot: 1.13206e+06 m3

Production Cums
 Oil: 999307 m3
 Gas: 0 E6m3
 Water: 6.86735e+06 m3
 Cond: 0 m3



VRU No. 2 Data 02/59-09/97

Historical Production (Rate-Time)

qi: 47.3021 m3/d, Jul, 1987

qf: 1.58936 m3/d, Nov, 2040

di(Exp): 6.15 CTD: 999307 m3

RR: 132754 m3 Tot: 1.13206e+06 m3

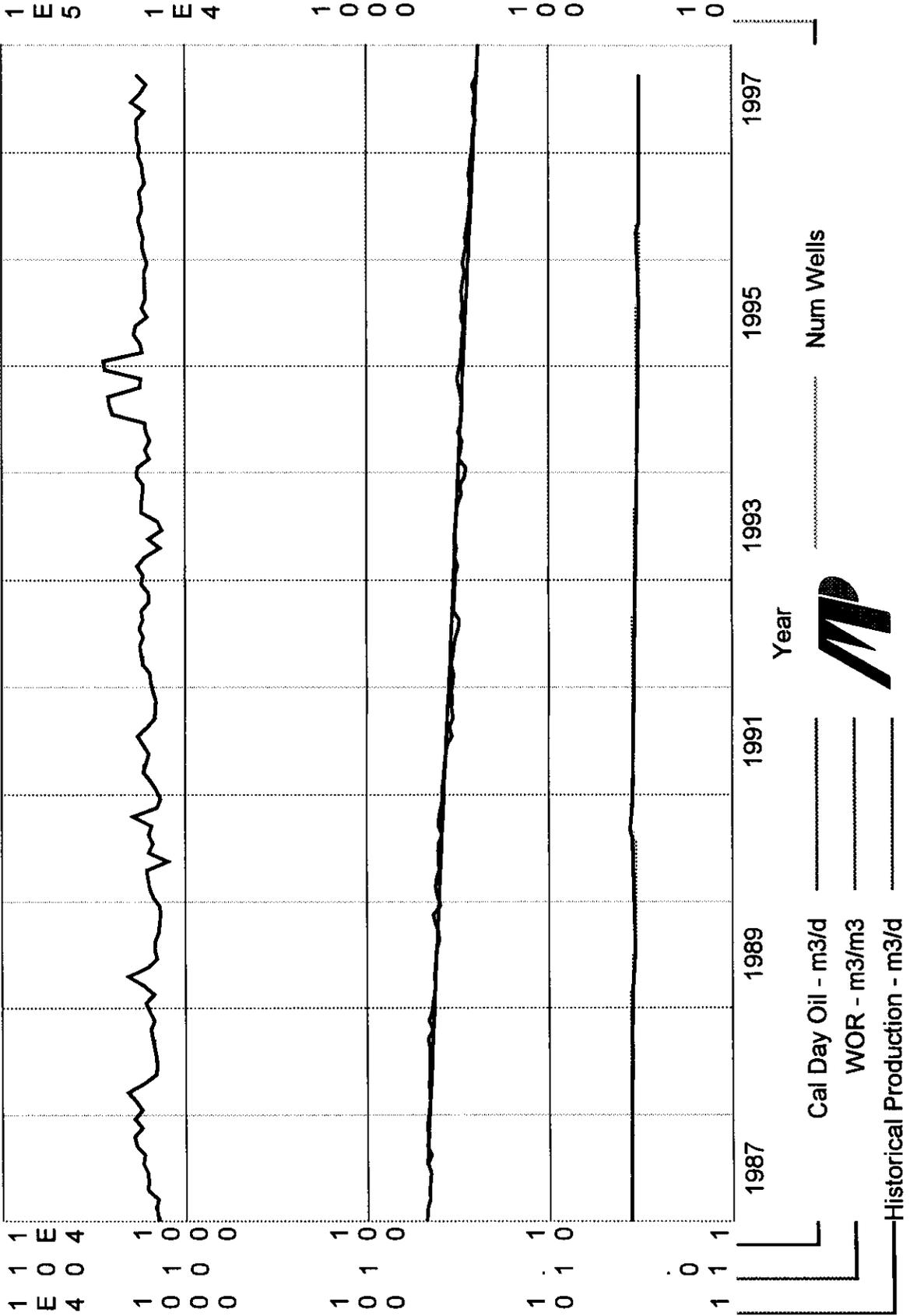
Production Cums

Oil: 999307 m3

Gas: 0 E6m3

Water: 6.86735e+06 m3

Cond: 0 m3



Production Report

Group : VRU No. 2 Injection
 Well : VRU No. 2 Injection
 : 000000216
 Hist.Data : 10/66-09/97
 Operator :
 Field :

Date : 1/9/98 10:00:28 am
 User : Ludwig
 On Prod : 02/09
 Status : Inj
 Zone :

Production Data from January, 1996 to September, 1997

Year	Month Water Inj m3
Jan., 1996	15166
Feb., 1996	14100
Mar., 1996	15080
Apr., 1996	14822
May., 1996	15450
Jun., 1996	14203
Jul., 1996	14574
Aug., 1996	14899
Sep., 1996	13428
Oct., 1996	14486
Nov., 1996	15094
Dec., 1996	14943
Jan., 1997	14395
Feb., 1997	13382
Mar., 1997	14738
Apr., 1997	13886
May., 1997	13757
Jun., 1997	15341.3
Jul., 1997	14757.8
Aug., 1997	14134.4
Sep., 1997	14401.1

} 14328 m³/mon
 } 14431 m³/mon.

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-09/97
 Operator :
 Field :

Date : 1/9/98 9:54:15 am
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1996 to December, 2003

Year	Cal Day Oil m3/d	Monthly Oil m3	Historical Production m3/d	Num Wells
Jan., 1996	28.8065	893	27.3581	32
Feb., 1996	28.2241	818.5	27.2138	32
Mar., 1996	28.5194	884.1	27.0703	32
Apr., 1996	27.8967	836.9	26.9274	33
May., 1996	27.4677	851.5	26.7854	32
Jun., 1996	27.3733	821.2	26.6441	32
Jul., 1996	26.7806	830.2	26.5035	32
Aug., 1996	26.8677	832.9	26.3637	32
Sep., 1996	26.6867	800.6	26.2246	32
Oct., 1996	27.3452	847.7	26.0863	32
Nov., 1996	26.78	803.4	25.9487	32
Dec., 1996	26.6097	824.9	25.8118	32
Jan., 1997	26.0774	808.4	25.746	32
Feb., 1997	25.925	725.9	25.6101	32
Mar., 1997	25.8355	800.9	25.475	32
Apr., 1997	25.06	751.8	25.3406	32
May., 1997	26.0161	806.5	25.207	32
Jun., 1997	25.4933	764.8	25.074	32
Jul., 1997	25.3032	784.4	24.9417	32
Aug., 1997	26.0581	807.8	24.8101	32
Sep., 1997	24.5833	737.5	24.6793	32
Oct., 1997			24.5491	
Nov., 1997			24.4196	
Dec., 1997			24.2907	
Jan., 1998			24.1626	
Feb., 1998			24.0351	
Mar., 1998			23.9083	
Apr., 1998			23.7822	
May., 1998			23.6567	
Jun., 1998			23.5319	
Jul., 1998			23.4078	
Aug., 1998			23.2843	
Sep., 1998			23.1615	
Oct., 1998			23.0393	
Nov., 1998			22.9177	
Dec., 1998			22.7968	
Jan., 1999			22.6766	
Feb., 1999			22.557	
Mar., 1999			22.438	
Apr., 1999			22.3196	
May., 1999			22.2018	
Jun., 1999			22.0847	
Jul., 1999			21.9682	
Aug., 1999			21.8523	

NEW OIL FROM HISTORICAL DECLINE

 0.4
 1.3
~~0~~

NOTE: 4-6-11-25
 IS NOT IN
 VRU #2

HENTL WELL
 15-6-10-26
 ON PRODUCTION
 17. OCT. 97

FINISHED
 DRILLING 29-560-97

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : 1/9/98 9:54:15 am
 User : Ludwig

Production Data from January, 1996 to December, 2003 (cont.)

Year	Cal Day Oil m3/d	Monthly Oil m3	Historical Production m3/d	Num Wells
Sep., 1999			21.737	
Oct., 1999			21.6224	
Nov., 1999			21.5083	
Dec., 1999			21.3948	
Jan., 2000			21.2238	
Feb., 2000			21.1119	
Mar., 2000			21.0005	
Apr., 2000			20.8897	
May., 2000			20.7795	
Jun., 2000			20.6699	
Jul., 2000			20.5608	
Aug., 2000			20.4524	
Sep., 2000			20.3445	
Oct., 2000			20.2372	
Nov., 2000			20.1304	
Dec., 2000			20.0242	
Jan., 2001			19.9731	
Feb., 2001			19.8678	
Mar., 2001			19.763	
Apr., 2001			19.6587	
May., 2001			19.555	
Jun., 2001			19.4518	
Jul., 2001			19.3492	
Aug., 2001			19.2471	
Sep., 2001			19.1456	
Oct., 2001			19.0446	
Nov., 2001			18.9441	
Dec., 2001			18.8442	
Jan., 2002			18.7448	
Feb., 2002			18.6459	
Mar., 2002			18.5475	
Apr., 2002			18.4497	
May., 2002			18.3524	
Jun., 2002			18.2555	
Jul., 2002			18.1592	
Aug., 2002			18.0634	
Sep., 2002			17.9681	
Oct., 2002			17.8734	
Nov., 2002			17.7791	
Dec., 2002			17.6853	
Jan., 2003			17.592	
Feb., 2003			17.4992	
Mar., 2003			17.4069	
Apr., 2003			17.315	
May., 2003			17.2237	
Jun., 2003			17.1328	
Jul., 2003			17.0424	
Aug., 2003			16.9525	

Production Report

Group : VRU No. 2
Well : VRU No. 2
: 000000210

Date : 1/9/98 9:54:16 am
User : Ludwig

Production Data from January, 1996 to December, 2003 (cont.)

Year	Cal Day Oil m3/d	Monthly Oil m3	Historical Production m3/d	Num Wells
Sep., 2003			16.8631	
Oct., 2003			16.7741	
Nov., 2003			16.6857	
Dec., 2003			16.5976	

VRU No. 2

OBSERVATIONS

- Chevron dec. 5.9 % p.a Jan/79

Using 1989 as base injection

1990	96.4%	94	56.1%
91	68.7%	95	56.0%
92	59.5%	96	52.1%
93	56.2%		

- well count '96 - 32 producers
 '79 - 35 producers

Comparison of cal day vs. operating day - aver. prod.
 '96 - .991
 '94-'96 - .992

Period	Decline Rate	Actual NOV '96 Prod (m ³ /d)	Projected NOV '96 Prod (m ³ /d)	Actual May '96 Prod	Projected May '96 Prod
JAN/79	5.71	27.45	27.05	26.02	25.76
JAN/83	5.57	27.45	27.26	26.02	26.00
JUL/87	6.05	27.45	26.84	26.02	25.48
JUL/91	4.20	27.45	27.74	26.02	26.79
MAY/93	4.35	27.45	27.70	26.02	26.71
SEP/94	6.76	27.45	27.46	26.02	25.88

VRU #2	1997	Prod. (m ³ /d) Jan/79	Jan/83
JAN	26.08	26.27	26.51
FEB	25.93	26.15	26.36
MAR	25.83	26.02	26.25
APR	25.06	25.89	26.13
MAY	26.02	25.76 *	26.0

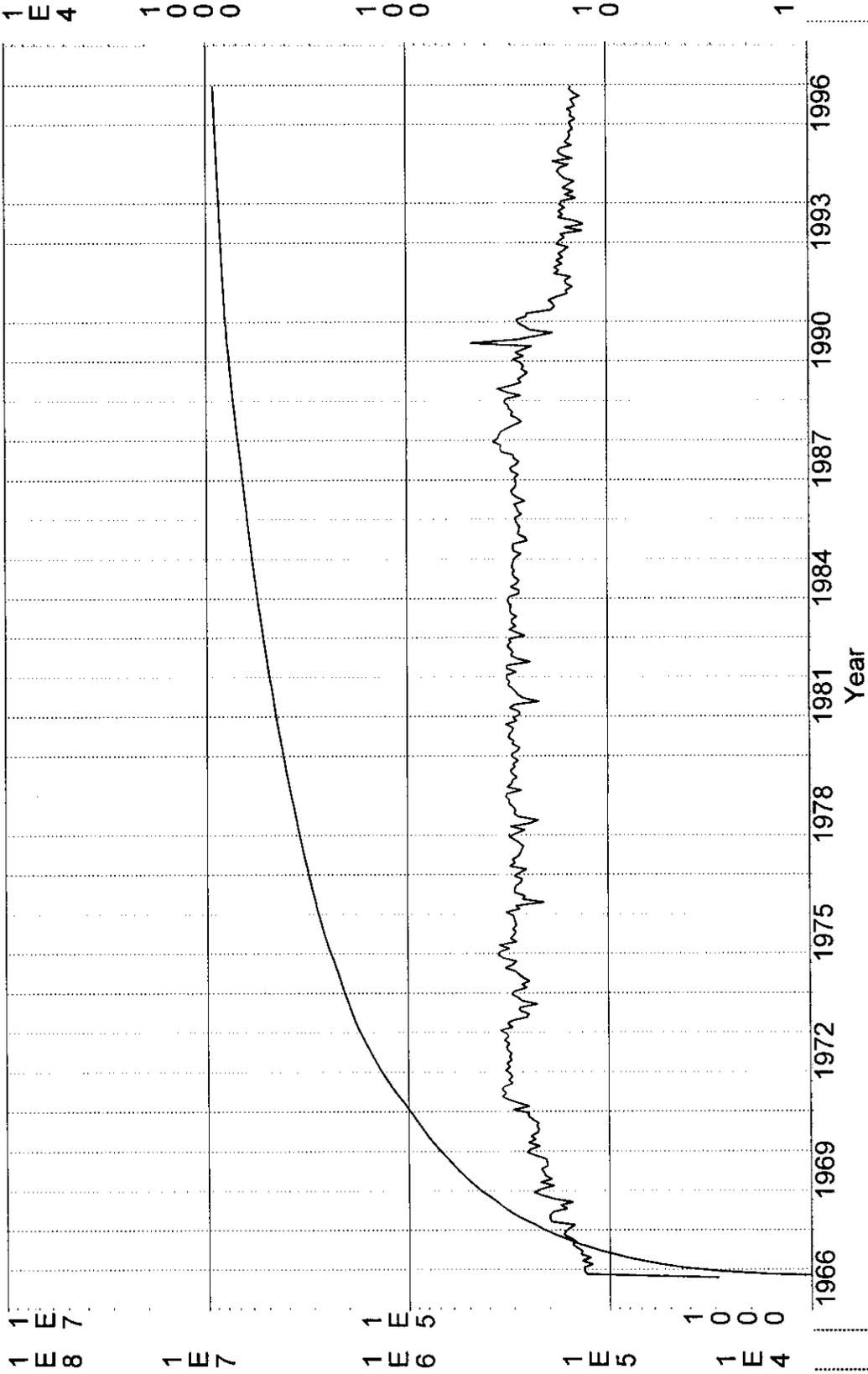
* NEW OIL

- compare		Summit	d Chevron	calculations	
	Dec	9, Jan/99	Cum 1200 JAN/97	Ret Res.	
Basel	5.71	76.11	993127		
Cherco	5.92	78.44	100265 + 106	145992	(1.593 w/d)

VRU No. 2 Injection Data 10/66-12/96

Operator:
 Field: VRU No. 2 Injection
 Zone: Inj
 Type: Inj
 Group: VRU No. 2 Injection

Injection Cums
 Gas: 0 E3m3
 NGL: 0 m3
 Water: 9.15914e+06 m3
 WaterDSP: 0 m3



Month Water Inj - m3
 Cum Water Inj - m3
 Not Assigned



Production Report

Group : VRU No. 2 Injection	Date : 8/28/97 1:59:23 pm
Well : VRU No. 2 Injection	User : Ludwig
: 000000216	
Hist.Data : 10/66-12/96	On Prod : 02/09
Operator :	Status : Inj
Field :	Zone :

Production Data from January, 1987 to December, 1996

Year	Month Water Inj m3	Cum Water Inj m3
Jan., 1987	28922	6.60372e+06
Feb., 1987	27500	6.63122e+06
Mar., 1987	29557	6.66078e+06
Apr., 1987	30355	6.69114e+06
May., 1987	28436	6.71957e+06
Jun., 1987	27291	6.74686e+06
Jul., 1987	29019	6.77588e+06
Aug., 1987	29266	6.80515e+06
Sep., 1987	33588	6.83874e+06
Oct., 1987	33963	6.8727e+06
Nov., 1987	33696	6.9064e+06
Dec., 1987	36635	6.94303e+06
Jan., 1988	34957	6.97799e+06
Feb., 1988	34367	7.01235e+06
Mar., 1988	33614	7.04597e+06
Apr., 1988	31361	7.07733e+06
May., 1988	29163	7.10649e+06
Jun., 1988	26592	7.13308e+06
Jul., 1988	27760	7.16084e+06
Aug., 1988	30041	7.19089e+06
Sep., 1988	29451	7.22034e+06
Oct., 1988	30668	7.251e+06
Nov., 1988	30858	7.28186e+06
Dec., 1988	32477	7.31434e+06
Jan., 1989	31665	7.346e+06
Feb., 1989	26782	7.37279e+06
Mar., 1989	31134	7.40392e+06
Apr., 1989	35022	7.43894e+06
May., 1989	30145	7.46909e+06
Jun., 1989	26621	7.49571e+06
Jul., 1989	27498	7.52321e+06
Aug., 1989	25749	7.54895e+06
Sep., 1989	24737	7.57369e+06
Oct., 1989	26506	7.6002e+06
Nov., 1989	25812	7.62601e+06
Dec., 1989	26831	7.65284e+06
Jan., 1990	29330	7.68217e+06
Feb., 1990	25677	7.70785e+06
Mar., 1990	28416	7.73626e+06
Apr., 1990	26133	7.7624e+06
May., 1990	23509	7.78591e+06
Jun., 1990	47583	7.83349e+06
Jul., 1990	27555	7.86104e+06
Aug., 1990	22658	7.8837e+06

Production Report

Group : VRU No. 2 Injection
 Well : VRU No. 2 Injection
 : 000000216

Date : 8/28/97 1:59:24 pm
 User : Ludwig

Production Data from January, 1987 to December, 1996 (cont.)

Year	Month Water Inj m3	Cum Water Inj m3
Sep., 1990	18462	7.90216e+06
Oct., 1990	24093	7.92626e+06
Nov., 1990	25514	7.95177e+06
Dec., 1990	27343	7.97911e+06
Jan., 1991	28014	8.00713e+06
Feb., 1991	25103	8.03223e+06
Mar., 1991	24901	8.05713e+06
Apr., 1991	18910	8.07604e+06
May., 1991	18070	8.09411e+06
Jun., 1991	18458	8.11257e+06
Jul., 1991	19372	8.13194e+06
Aug., 1991	17591	8.14953e+06
Sep., 1991	15667	8.1652e+06
Oct., 1991	15856	8.18106e+06
Nov., 1991	14730	8.19578e+06
Dec., 1991	15841	8.21163e+06
Jan., 1992	15976	8.2276e+06
Feb., 1992	15006	8.24261e+06
Mar., 1992	18146	8.26075e+06
Apr., 1992	17150	8.2779e+06
May., 1992	18081	8.29598e+06
Jun., 1992	16488	8.31247e+06
Jul., 1992	17679	8.33015e+06
Aug., 1992	16347	8.3465e+06
Sep., 1992	17248	8.36375e+06
Oct., 1992	16267	8.38001e+06
Nov., 1992	15408	8.39542e+06
Dec., 1992	17627	8.41305e+06
Jan., 1993	16979	8.43003e+06
Feb., 1993	16079	8.44611e+06
Mar., 1993	16793	8.4629e+06
Apr., 1993	13091	8.47599e+06
May., 1993	16140	8.49213e+06
Jun., 1993	12982	8.50511e+06
Jul., 1993	14164	8.51928e+06
Aug., 1993	17314	8.53659e+06
Sep., 1993	16385	8.55298e+06
Oct., 1993	17201	8.57018e+06
Nov., 1993	16011	8.58619e+06
Dec., 1993	16988	8.60318e+06
Jan., 1994	16513	8.61969e+06
Feb., 1994	14077	8.63377e+06
Mar., 1994	16005	8.64977e+06
Apr., 1994	14496	8.66427e+06
May., 1994	16378	8.68065e+06
Jun., 1994	15434	8.69608e+06
Jul., 1994	14312	8.71039e+06
Aug., 1994	16160	8.72655e+06

Production Report

Group : VRU No. 2 Injection
 Well : VRU No. 2 Injection
 : 000000216

Date : 8/28/97 1:59:24 pm
 User : Ludwig

Production Data from January, 1987 to December, 1996 (cont.)

Year	Month Water Inj m3	Cum Water Inj m3
Sep., 1994	16821	8.74337e+06
Oct., 1994	17409	8.76078e+06
Nov., 1994	17061	8.77784e+06
Dec., 1994	15362	8.7932e+06
Jan., 1995	18331	8.81154e+06
Feb., 1995	14650	8.82618e+06
Mar., 1995	16635	8.84282e+06
Apr., 1995	17243	8.86006e+06
May., 1995	16925	8.87699e+06
Jun., 1995	14775	8.89176e+06
Jul., 1995	15992	8.90776e+06
Aug., 1995	15268	8.92302e+06
Sep., 1995	15079	8.9381e+06
Oct., 1995	15290	8.95339e+06
Nov., 1995	14549	8.96794e+06
Dec., 1995	14952	8.98289e+06
Jan., 1996	15166	8.99806e+06
Feb., 1996	14100	9.01216e+06
Mar., 1996	15080	9.02724e+06
Apr., 1996	14822	9.04206e+06
May., 1996	15450	9.05751e+06
Jun., 1996	14203	9.07172e+06
Jul., 1996	14574	9.08629e+06
Aug., 1996	14899	9.10119e+06
Sep., 1996	13428	9.11462e+06
Oct., 1996	14486	9.1291e+06
Nov., 1996	15094	9.1442e+06
Dec., 1996	14943	9.15914e+06

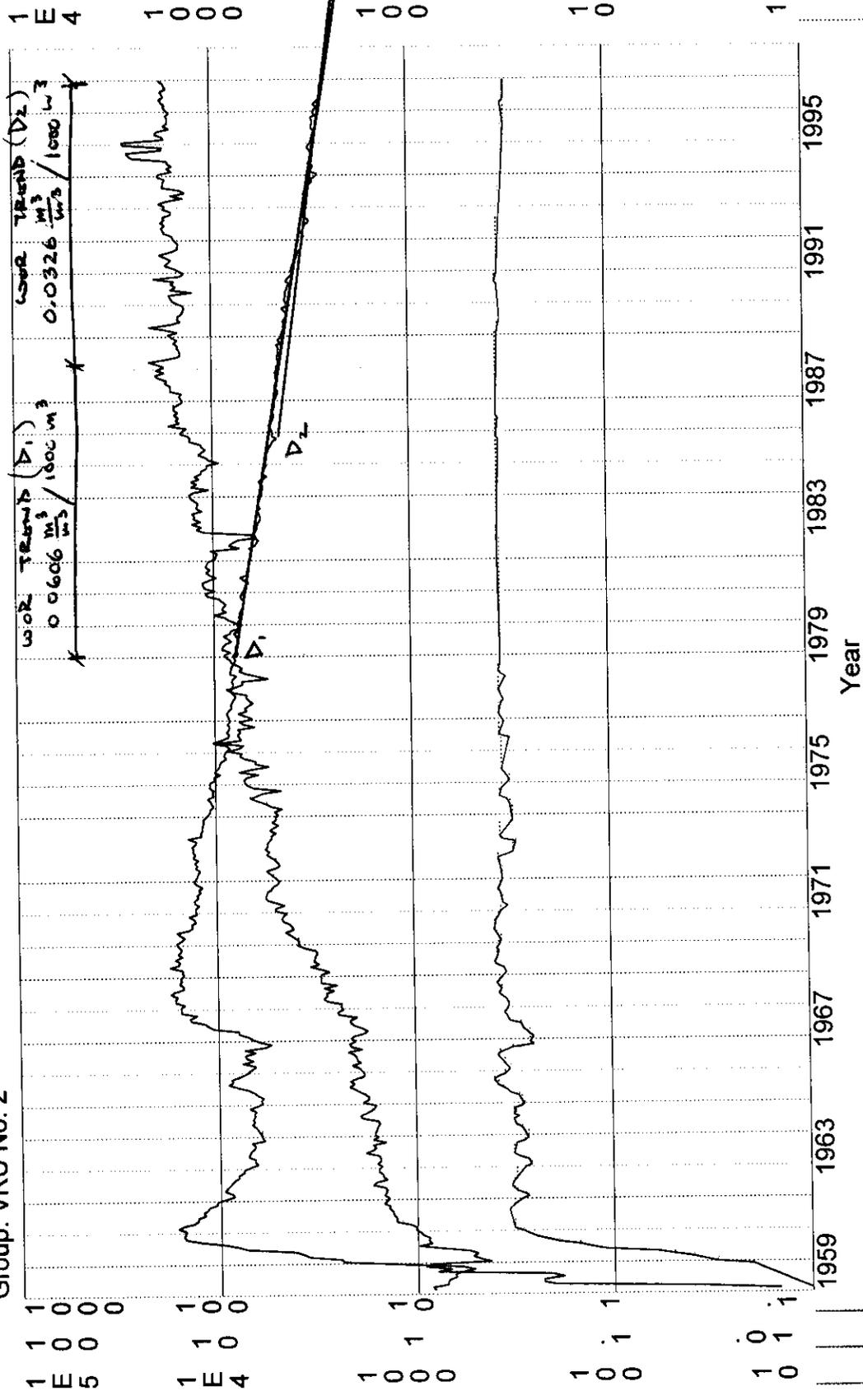
*Ave
Monthly Inj.*

89	28208	93	15.844
90	27189	94	15835
91	19377	95	15.408
92	16785	96.	14688

VRU No. 2 Data 02/59-12/96

Production Cums
 Oil: 992319 m3
 Gas: 0 E6m3
 Water: 6.74332e+06 m3
 Cond: 0 m3

Operator:
 Field:
 Zone:
 Type: Unknown
 Group: VRU No. 2



1 1 1 1
 E 0 0 0 0
 5 0 0 0 0
 1 1 1 1
 E 0 0 0 0
 4 0 0 0 0
 1 0 1 0
 0 0 0 0
 1 0 1 1
 0 0 0 0
 1 0 1 1

 Avg Daily Oil - m3/d

 WOR - m3/m3

 Not Assigned



Num Wells

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : August 22, 1997 3:48:58 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from February, 1959 to December, 1996

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Feb., 1959	172	8.19048	172	1	0.0145349
Mar., 1959	244.1	8.41724	416.1	1	0.0356411
Apr., 1959	212	7.06667	628.1	1	0.200943
May., 1959	218.5	7.04839	846.6	1	0.228375
Jun., 1959	208.3	6.94333	1054.9	1	0.228997
Jul., 1959	197.2	6.36129	1252.1	1	0.180527
Aug., 1959	188.1	6.48621	1440.2	1	0.207337
Sep., 1959	173.2	5.97241	1613.4	1	0.793303
Oct., 1959	61.5	5.125	1674.9	1	0.671545
Nov., 1959	89.8	5.98667	1764.7	1	0.91314
Dec., 1959	122.5	12.25	1887.2	2	0.851429
Jan., 1960	577.2	23.7205	2464.4	3	0.424116
Feb., 1960	679.8	24.5711	3144.2	3	0.477346
Mar., 1960	752.8	35.4259	3897	4	0.524841
Apr., 1960	952.8	37.8596	4849.8	5	0.495802
May., 1960	1110.9	41.9208	5960.7	6	0.540553
Jun., 1960	1502.9	73.6114	7463.6	11	0.742697
Jul., 1960	2110.1	81.6813	9573.7	13	0.987915
Aug., 1960	2556.2	94.9672	12129.9	15	0.847625
Sep., 1960	3101.9	127.475	15231.8	19	0.876979
Oct., 1960	3924.7	150.708	19156.5	22	0.86855
Nov., 1960	4285.1	153.956	23441.6	25	0.937621
Dec., 1960	4503.3	153.74	27944.9	27	0.965159
Jan., 1961	4360.5	150.362	32305.4	29	1.0233
Feb., 1961	4315.7	164.408	36621.1	32	1.01499
Mar., 1961	4537.4	155.568	41158.5	32	1.09254
Apr., 1961	3820.6	137.062	44979.1	32	1.28017
May., 1961	3631	130.26	48610.1	32	1.27574
Jun., 1961	3738.7	130.042	52348.8	33	1.2913
Jul., 1961	3541.4	119.878	55890.2	33	1.33077
Aug., 1961	3475.3	122.298	59365.5	33	1.33626
Sep., 1961	3280.2	116.457	62645.7	34	1.39306
Oct., 1961	3340.9	114.545	65986.6	34	1.37346
Nov., 1961	3016.7	105.081	69003.3	32	1.47751
Dec., 1961	2918.2	104.221	71921.5	32	1.42773
Jan., 1962	2649.9	94.6393	74571.4	29	1.38537
Feb., 1962	2305	85.3704	76876.4	27	1.47028
Mar., 1962	2536.4	86.7145	79412.8	28	1.44681
Apr., 1962	2641.9	95.0609	82054.7	31	1.42027
May., 1962	2630.6	93.1186	84685.3	32	1.46126
Jun., 1962	2484.7	90.216	87170	33	1.67823
Jul., 1962	2560.5	87.2898	89730.5	33	1.60805
Aug., 1962	2401.7	85.1415	92132.2	32	1.42253
Sep., 1962	2263.8	80.7299	94396	31	1.4822

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : August 22, 1997 3:48:59 pm
 User : Ludwig

Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1962	2371.5	81.0769	96767.5	31	1.4918
Nov., 1962	2146.1	76.0803	98913.6	31	1.56512
Dec., 1962	2164	75.819	101078	31	1.56072
Jan., 1963	2103.4	70.7025	103181	28	1.50723
Feb., 1963	1742.1	64.4228	104923	26	1.58929
Mar., 1963	2012.6	66.5322	106936	26	1.52256
Apr., 1963	1955.4	66.1912	108891	27	1.52905
May., 1963	2032	71.5073	110923	30	1.56225
Jun., 1963	1987.5	71.6216	112911	32	1.81394
Jul., 1963	2017.1	69.5552	114928	32	1.68162
Aug., 1963	1908.8	66.9754	116836	32	1.61243
Sep., 1963	1851.7	66.1321	118688	32	1.67257
Oct., 1963	1942.1	68.9503	120630	31	1.42706
Nov., 1963	1724.1	59.0277	122354	28	1.66539
Dec., 1963	1883.3	60.7516	124238	27	1.56449
Jan., 1964	1884.9	61.1319	126123	27	1.63239
Feb., 1964	1765.8	61.1532	127888	27	1.61202
Mar., 1964	1889.7	61.1224	129778	27	1.592
Apr., 1964	1835.4	65.55	131613	29	1.5729
May., 1964	1937.5	68.5841	133551	31	1.53321
Jun., 1964	1836.8	66.4905	135388	31	1.57333
Jul., 1964	1859.5	67.7208	137247	32	1.87362
Aug., 1964	1943.4	66.0646	139191	30	1.93172
Sep., 1964	1807.9	66.4466	140999	32	1.79606
Oct., 1964	1950.4	65.2854	142949	31	1.68909
Nov., 1964	2025.2	70.2382	144974	32	1.62616
Dec., 1964	1938.7	64.2663	146913	29	1.60097
Jan., 1965	1854	60.2927	148767	28	1.86888
Feb., 1965	1669.6	61.3635	150436	29	1.74796
Mar., 1965	1836.6	59.8079	152273	29	1.73173
Apr., 1965	1858.8	63.7303	154132	30	1.80982
May., 1965	1942.5	66.505	156074	33	1.80808
Jun., 1965	1963.8	70.874	158038	34	2.03896
Jul., 1965	2207.2	79.3006	160245	36	2.17701
Aug., 1965	2622.7	89.7929	162868	38	2.04961
Sep., 1965	2371.5	85.0762	165240	38	2.15977
Oct., 1965	2491.4	86.532	167731	40	2.01284
Nov., 1965	2160.9	79.0573	169892	38	1.82873
Dec., 1965	2213.3	73.1669	172105	35	1.82686
Jan., 1966	2143.8	70.1926	174249	35	1.8262
Feb., 1966	1838.2	67.2512	176087	33	1.93341
Mar., 1966	1987.1	64.7967	178074	33	2.10357
Apr., 1966	2058.1	75.7583	180132	35	1.89918
May., 1966	2059.1	66.7816	182191	35	1.9831
Jun., 1966	2133.4	72.5235	184325	35	1.99564
Jul., 1966	2167.6	73.5819	186492	38	2.05384
Aug., 1966	1952.7	65.09	188445	37	2.20515
Sep., 1966	2135.5	73.8502	190581	37	1.87305

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1966	1447.2	58.2765	192028	32	2.11249
Nov., 1966	1609.8	54.0353	193638	25	2.15729
Dec., 1966	1867.3	62.0709	195505	26	2.01532
Jan., 1967	2016	67.1068	197521	26	2.12401
Feb., 1967	1974	70.5	199495	25	2.0535
Mar., 1967	2387.6	78.4964	201883	26	1.81592
Apr., 1967	2306.1	78.9535	204189	26	1.7494
May., 1967	3137.9	105.624	207327	28	1.85825
Jun., 1967	3280.8	112.164	210607	28	2.04779
Jul., 1967	3471.2	116.679	214079	29	2.12996
Aug., 1967	3838.9	137.104	217917	33	2.13632
Sep., 1967	4067.5	138.862	221985	33	1.96794
Oct., 1967	3672.9	128.124	225658	34	2.45229
Nov., 1967	4341	152.762	229999	35	2.46478
Dec., 1967	4721	153.946	234720	34	2.31042
Jan., 1968	4501.5	154.337	239221	34	2.37576
Feb., 1968	4175.3	148.017	243397	33	2.34529
Mar., 1968	4979.3	163.479	248376	33	2.79162
Apr., 1968	4760.5	164.155	253136	34	2.89629
May., 1968	4907	160.011	258043	34	2.77742
Jun., 1968	4849.7	173.204	262893	37	2.82102
Jul., 1968	4999.9	166.202	267893	37	2.57591
Aug., 1968	4366.2	149.272	272259	36	2.88624
Sep., 1968	4291.2	150.349	276550	36	2.47877
Oct., 1968	4588	156.632	281138	38	2.98801
Nov., 1968	4560.1	152.427	285699	37	3.00042
Dec., 1968	4669.1	154.991	290368	37	2.98055
Jan., 1969	4558.8	148.254	294926	35	2.98905
Feb., 1969	4202	151.651	299128	34	2.70519
Mar., 1969	4604.4	150.143	303733	34	2.96449
Apr., 1969	3916.3	174.705	307649	35	3.37482
May., 1969	4354	157.611	312003	38	3.04869
Jun., 1969	4467.5	155.166	316471	39	3.2413
Jul., 1969	4469.1	163.504	320940	38	3.23698
Aug., 1969	4450	150.635	325390	38	3.18126
Sep., 1969	4545.6	158.798	329935	38	3.10274
Oct., 1969	4708.8	153.548	334644	37	3.16238
Nov., 1969	4471	152.42	339115	38	3.56994
Dec., 1969	4849.1	158.338	343964	37	3.90301
Jan., 1970	4848.9	160.515	348813	37	3.85754
Feb., 1970	4233.2	151.411	353046	36	3.87908
Mar., 1970	4537.9	146.581	357584	36	3.87494
Apr., 1970	3865.5	153.851	361450	36	4.28899
May., 1970	4000.9	160.036	365451	38	4.49347
Jun., 1970	3935.7	138.297	369386	39	4.0827
Jul., 1970	4100.5	132.989	373487	39	4.15632
Aug., 1970	4131	135.074	377618	39	4.261
Sep., 1970	3703.5	127.891	381321	39	4.61882

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1970	3920.8	130.693	385242	38	4.67861
Nov., 1970	3979.2	138.809	389221	37	4.6063
Dec., 1970	3838.9	126.038	393060	37	4.42442
Jan., 1971	3925.4	128.351	396986	36	5.04458
Feb., 1971	3344.6	128.023	400330	36	5.02362
Mar., 1971	3768.1	123.208	404098	33	4.51766
Apr., 1971	3764.9	128.715	407863	35	5.01804
May., 1971	3902.9	129.736	411766	35	5.51072
Jun., 1971	3618.6	124.244	415385	35	5.65907
Jul., 1971	3802.1	126.036	419187	35	5.568
Aug., 1971	3557.1	120.921	422744	36	5.52475
Sep., 1971	3445.6	123.241	426190	37	5.28384
Oct., 1971	3648.4	118.008	429838	37	5.17493
Nov., 1971	3708.1	125.698	433546	36	4.90674
Dec., 1971	3976.7	130.384	437523	36	4.79269
Jan., 1972	3916.3	127.532	441439	35	4.94257
Feb., 1972	3551.6	124.983	444991	35	5.15841
Mar., 1972	3679.3	123.847	448670	35	5.14905
Apr., 1972	3363.4	120.66	452033	35	5.57478
May., 1972	3784	127.193	455817	35	4.97252
Jun., 1972	3689.4	125.064	459507	36	4.76557
Jul., 1972	3861.8	128.727	463369	36	4.89155
Aug., 1972	3670.9	123.565	467039	36	4.99354
Sep., 1972	3672.3	131.154	470712	37	5.00324
Oct., 1972	3703.7	127.348	474415	37	5.54802
Nov., 1972	3740.3	131.239	478156	31	5.36219
Dec., 1972	3912.7	130.605	482068	31	5.63013
Jan., 1973	3995.1	132.617	486064	31	5.46422
Feb., 1973	3447.4	127.289	489511	31	5.50374
Mar., 1973	3601	125.616	493112	30	5.3885
Apr., 1973	3418.2	139.045	496530	35	5.21672
May., 1973	3563.8	118.3	500094	36	5.24712
Jun., 1973	3517.9	119.589	503612	36	4.95495
Jul., 1973	3593.4	117.176	507205	36	5.34012
Aug., 1973	3608.6	117.672	510814	36	5.09064
Sep., 1973	3438.2	116.879	514252	36	4.8152
Oct., 1973	3536.8	115.487	517789	36	5.18613
Nov., 1973	3500.4	116.842	521289	31	4.95012
Dec., 1973	3468.2	112.33	524758	31	4.98645
Jan., 1974	3353.9	109.218	528111	31	4.82391
Feb., 1974	2990.7	106.97	531102	31	5.04658
Mar., 1974	3113.5	106.444	534216	31	4.60125
Apr., 1974	2935.4	102.696	537151	31	5.23765
May., 1974	3106.1	104.847	540257	32	5.53083
Jun., 1974	3047.3	105.993	543304	32	5.53434
Jul., 1974	2945.7	109.948	546250	33	6.66942
Aug., 1974	3090.3	102.159	549340	36	6.66505
Sep., 1974	2956.6	103.892	552297	36	5.73206

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1974	3100.8	102.224	555398	36	4.6458
Nov., 1974	3216.7	107.223	558614	35	6.45052
Dec., 1974	3251.7	106.613	561866	35	6.90171
Jan., 1975	3094.2	107.004	564960	35	7.08441
Feb., 1975	2733.6	99.2533	567694	32	7.15968
Mar., 1975	3167.2	102.305	570861	32	6.89451
Apr., 1975	2770.8	94.1915	573632	32	6.04273
May., 1975	2872.6	100.793	576505	34	7.58156
Jun., 1975	2784.2	97.6912	579289	35	6.56885
Jul., 1975	2893.2	95.5114	582182	35	5.3681
Aug., 1975	2849.1	94.97	585031	35	6.25805
Sep., 1975	2771.1	93.0159	587802	35	6.23936
Oct., 1975	2642.9	87.9745	590445	35	7.1179
Nov., 1975	2602.1	90.3768	593047	35	7.4941
Dec., 1975	2759.7	89.5038	595807	35	7.33236
Jan., 1976	2682	87.1015	598489	35	8.5909
Feb., 1976	2414.5	83.8611	600903	35	7.51357
Mar., 1976	2687.8	88.366	603591	35	7.18335
Apr., 1976	1650.8	102.64	605242	35	9.5796
May., 1976	2624.7	92.9097	607867	35	7.35113
Jun., 1976	2396.4	85.9695	610263	32	7.5116
Jul., 1976	2543.7	84.4382	612807	36	7.67303
Aug., 1976	2669.8	86.9406	615477	36	7.4055
Sep., 1976	2534.4	84.952	618011	36	7.67176
Oct., 1976	2591.4	84.3875	620602	36	6.2966
Nov., 1976	2361.8	86.1447	622964	36	7.14662
Dec., 1976	2486.4	83.8112	625451	34	7.51512
Jan., 1977	2565.9	84.7065	628017	34	6.44441
Feb., 1977	2292.9	84.6609	630309	34	6.92603
Mar., 1977	2619.2	86.8243	632929	36	7.60274
Apr., 1977	2529.7	84.913	635458	36	6.88038
May., 1977	2538.1	81.8742	637996	36	7.05796
Jun., 1977	2475.1	82.7332	640472	36	6.70886
Jul., 1977	2537.1	82.6193	643009	35	6.38855
Aug., 1977	2481.6	80.7024	645490	34	6.73553
Sep., 1977	2337.8	78.2527	647828	34	6.91531
Oct., 1977	2437.5	78.9474	650266	35	6.82691
Nov., 1977	2470.8	82.36	652736	35	8.11482
Dec., 1977	2521.7	82.0065	655258	36	8.66848
Jan., 1978	2507.8	81.1148	657766	36	7.76394
Feb., 1978	2201.3	80.0473	659967	36	7.16708
Mar., 1978	2463.6	81.5537	662431	36	7.26794
Apr., 1978	2350.8	80.3692	664782	36	5.35724
May., 1978	2246.3	76.9061	667028	33	5.34194
Jun., 1978	2357.3	83.6911	669385	35	6.95758
Jul., 1978	2462.6	82.4301	671848	36	7.4855
Aug., 1978	2519.1	82.1446	674367	36	7.19265
Sep., 1978	2443.8	82.0297	676811	36	7.55757

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1978	2454.8	79.2937	679265	35	8.13679
Nov., 1978	2323.8	77.8927	681589	35	8.28776
Dec., 1978	2436.1	78.902	684025	35	8.62239
Jan., 1979	2457.7	79.6016	686483	35	8.87708
Feb., 1979	2155.5	77.2119	688639	35	8.26968
Mar., 1979	2382.6	77.1692	691021	35	9.10829
Apr., 1979	2304.3	77.8918	693326	35	9.00299
May., 1979	2307.8	75.0504	695633	35	8.7479
Jun., 1979	2240.5	75.1005	697874	35	8.12841
Jul., 1979	2329.5	75.8589	700203	35	8.46942
Aug., 1979	2380.7	77.1077	702584	35	8.92864
Sep., 1979	2354.3	78.9151	704938	35	8.25944
Oct., 1979	2330.8	75.6958	707269	35	8.19616
Nov., 1979	2251.7	75.5815	709521	35	7.45211
Dec., 1979	2329	75.129	711850	35	7.51623
Jan., 1980	2296	75.7964	714146	35	7.74726
Feb., 1980	2128.9	73.516	716275	35	8.40448
Mar., 1980	2167.7	74.3212	718442	35	8.72667
Apr., 1980	2180.2	73.6969	720622	35	9.96863
May., 1980	2241.5	73.0924	722864	35	8.641
Jun., 1980	2137.5	71.9495	725002	35	9.06349
Jul., 1980	2180.8	70.7286	727182	35	8.92549
Aug., 1980	2194.4	71.0737	729377	35	8.64856
Sep., 1980	2048.4	69.5355	731425	35	9.05956
Oct., 1980	2222.7	71.7	733648	35	9.32843
Nov., 1980	2095.7	73.1058	735744	35	10.7358
Dec., 1980	2212.3	71.3645	737956	35	10.9778
Jan., 1981	2148	70.3302	740104	35	9.79562
Feb., 1981	1927.7	69.3625	742031	35	11.0779
Mar., 1981	2126.4	68.9643	744158	35	11.0966
Apr., 1981	1947.7	66.0237	746106	35	11.3553
May., 1981	1568.6	69.9747	747674	35	10.5101
Jun., 1981	2013.8	73.0079	749688	35	9.64714
Jul., 1981	1997.1	67.2236	751685	35	10.383
Aug., 1981	2081	67.5832	753766	35	10.8636
Sep., 1981	2001.1	66.7033	755767	35	10.4077
Oct., 1981	2064.7	66.6032	757832	35	10.8849
Nov., 1981	1973.3	66.1441	759805	35	10.8004
Dec., 1981	2035.1	65.8253	761840	35	10.5574
Jan., 1982	2027.4	65.5763	763868	35	9.78929
Feb., 1982	1797.1	64.1822	765665	35	9.78409
Mar., 1982	1987	64.2695	767652	35	9.50428
Apr., 1982	1899.9	63.33	769552	35	10.3132
May., 1982	1482.1	65.3868	771034	35	7.33905
Jun., 1982	1802	61.4318	772836	35	8.26005
Jul., 1982	1810	59.7524	774646	35	7.94856
Aug., 1982	1697.6	58.6221	776343	35	7.45794
Sep., 1982	1891.8	63.9482	778235	36	6.03605

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$$q_{i,79-01} = 79.6 \text{ m}^3/\text{d}$$

$$q_{i,1^{st} \text{ QU}/79} = 78.0 \text{ m}^3/\text{d}$$

$$q_{i,79} = 76.2 \text{ m}^3/\text{d}$$

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1982	1944.8	62.8199	780180	36	6.11806
Nov., 1982	1819.3	60.8123	781999	36	11.0831
Dec., 1982	1850.7	59.8609	783850	36	12.0643
Jan., 1983	1788.8	59.7928	785639	36	11.4466
Feb., 1983	1656.5	59.1607	787295	36	12.7305
Mar., 1983	1798.1	58.0032	789093	36	11.4554
Apr., 1983	1709.3	57.295	790802	36	12.4863
May., 1983	1771.5	57.6098	792574	36	12.3403
Jun., 1983	1716.7	58.2755	794291	36	12.6952
Jul., 1983	1732.5	59.4	796023	36	11.2849
Aug., 1983	1770.3	57.2604	797794	36	12.078
Sep., 1983	1756	58.6964	799550	36	11.9413
Oct., 1983	1801.8	58.2793	801351	36	11.8931
Nov., 1983	1730.7	57.69	803082	36	12.4753
Dec., 1983	1767.5	57.0161	804850	36	12.9726
Jan., 1984	1733.1	56.2086	806583	36	13.1435
Feb., 1984	1628.5	56.1552	808211	36	12.3691
Mar., 1984	1710.2	55.9193	809921	36	10.4736
Apr., 1984	1639	55.4028	811560	36	12.8493
May., 1984	1662.8	56.8479	813223	36	11.9491
Jun., 1984	1543.1	58.1388	814766	36	12.8527
Jul., 1984	1670.3	54.6892	816437	36	11.6757
Aug., 1984	1606.9	52.6853	818043	36	12.325
Sep., 1984	1649	56.3761	819692	36	11.3487
Oct., 1984	1693.2	54.6929	821386	36	11.382
Nov., 1984	1636.7	54.6325	823022	36	10.6354
Dec., 1984	1641.7	52.9581	824664	36	10.6469
Jan., 1985	1659.6	53.6798	826324	36	9.25705
Feb., 1985	1483	53.0432	827807	36	10.3399
Mar., 1985	1611.6	52.6954	829418	36	10.6838
Apr., 1985	1564	53.0169	830982	36	11.7008
May., 1985	1605.2	52.2724	832587	36	11.2765
Jun., 1985	1553.1	51.9142	834141	36	10.8306
Jul., 1985	1561.9	50.7935	835702	36	11.2075
Aug., 1985	1567.9	50.7138	837270	36	11.5103
Sep., 1985	1458.3	48.8816	838729	36	12.996
Oct., 1985	1451.3	46.9423	840180	35	12.865
Nov., 1985	1464.8	49.4447	841645	36	13.1451
Dec., 1985	1406.9	49.0779	843052	36	14.4936
Jan., 1986	1442.8	49.3969	844495	36	14.1212
Feb., 1986	1407.3	50.2607	845902	36	13.4357
Mar., 1986	1276.4	51.3987	847178	36	16.5552
Apr., 1986	1467.3	49.739	848646	36	14.5369
May., 1986	1457.6	49.2017	850103	36	15.1797
Jun., 1986	1324.3	48.5982	851427	35	14.7186
Jul., 1986	1481.2	48.3	852909	36	15.4257
Aug., 1986	1530.3	49.4976	854439	36	14.8579
Sep., 1986	1446.8	48.2937	855886	36	15.4963

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Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1986	1439.7	47.99	857325	36	15.5817
Nov., 1986	1425.8	47.9261	858751	36	15.5818
Dec., 1986	1482.4	48.1429	860234	36	14.0228
Jan., 1987	1468.4	47.3677	861702	36	14.0188
Feb., 1987	1315.2	47.0414	863017	36	14.5358
Mar., 1987	1415.3	45.8397	864433	36	14.1722
Apr., 1987	1379.7	46.2469	865812	36	16.1738
May., 1987	1420.8	47.758	867233	36	16.0452
Jun., 1987	1350.1	47.5109	868583	36	16.1662
Jul., 1987	1445.7	46.7612	870029	36	17.1325
Aug., 1987	1383.1	46.0394	871412	36	16.7739
Sep., 1987	1409.9	47.062	872822	36	18.5193
Oct., 1987	1433.5	46.8719	874256	36	19.1782
Nov., 1987	1420	47.3333	875676	36	17.2908
Dec., 1987	1437	46.3548	877112	36	19.0028
Jan., 1988	1437.9	46.4463	878550	36	17.2947
Feb., 1988	1317.5	45.431	879868	36	18.6816
Mar., 1988	1404.6	45.5546	881273	36	20.6941
Apr., 1988	1374.8	46.0827	882647	36	16.7944
May., 1988	1407.9	46.1607	884055	36	14.4108
Jun., 1988	1359.6	45.4462	885415	36	14.3786
Jul., 1988	1408.9	45.694	886824	36	14.4489
Aug., 1988	1407.1	45.4514	888231	36	14.8383
Sep., 1988	1393.4	46.5113	889624	36	14.7718
Oct., 1988	1353.7	44.0228	890978	36	15.5153
Nov., 1988	1378.6	45.9533	892356	36	14.8549
Dec., 1988	1368.1	44.1323	893725	36	15.6809
Jan., 1989	1351.8	43.6651	895076	36	16.4447
Feb., 1989	1199	43.4027	896275	36	14.8023
Mar., 1989	1311.6	42.481	897587	35	16.9198
Apr., 1989	1286	42.9263	898873	35	20.5062
May., 1989	1309.9	42.3687	900183	35	16.0402
Jun., 1989	1268.9	43.0136	901452	35	14.2539
Jul., 1989	1292.8	41.7032	902745	34	14.7369
Aug., 1989	1249.3	41.4705	903994	34	14.6194
Sep., 1989	1217.1	40.7398	905211	34	14.016
Oct., 1989	1312.5	42.3957	906523	34	14.0018
Nov., 1989	1299.7	43.5046	907823	34	13.6293
Dec., 1989	1227.1	39.6372	909050	34	13.8049
Jan., 1990	1269	41.2124	910319	34	14.9918
Feb., 1990	1175.8	42.3076	911495	34	15.6846
Mar., 1990	1293	41.7097	912788	34	15.9459
Apr., 1990	1209.9	41.4823	913998	34	16.2529
May., 1990	1255.2	41.5514	915253	34	12.4347
Jun., 1990	1223.2	40.83	916476	34	15.9132
Jul., 1990	1252.5	40.5668	917729	34	14.9782
Aug., 1990	1203.2	39.7752	918932	35	15.8689
Sep., 1990	1210.4	41.3812	920142	36	15.2528

— noticeable drop
in WOR

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 User : Ludwig

Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1990	1244.2	40.1895	921387	36	19.3643
Nov., 1990	1174.9	39.1633	922562	36	14.2596
Dec., 1990	1190.7	38.4097	923752	35	13.6273
Jan., 1991	1203.5	38.8748	924956	35	14.3649
Feb., 1991	1061.5	38.4253	926017	35	15.4676
Mar., 1991	1180.8	38.1416	927198	35	16.9112
Apr., 1991	1117.4	37.2467	928315	35	16.9232
May., 1991	1144.6	36.9226	929460	35	15.7872
Jun., 1991	1082.3	36.3289	930542	35	16.8556
Jul., 1991	1054.9	35.9625	931597	35	18.18
Aug., 1991	1095.9	35.5427	932693	35	16.0821
Sep., 1991	1008.4	34.4262	933702	35	14.6496
Oct., 1991	1061.1	34.229	934763	35	14.6292
Nov., 1991	1016.7	33.89	935779	35	14.4881
Dec., 1991	1057.5	34.1588	936837	35	14.9797
Jan., 1992	1036.5	33.7531	937873	35	15.3946
Feb., 1992	963.9	33.2379	938837	35	15.568
Mar., 1992	1065	34.3548	939902	35	17.0385
Apr., 1992	1006.8	33.7475	940909	35	17.0342
May., 1992	1026.5	33.4274	941936	35	17.6142
Jun., 1992	977.2	32.8931	942913	35	16.8727
Jul., 1992	971.1	31.6233	943884	35	17.7464
Aug., 1992	959.2	31.5353	944843	35	17.0423
Sep., 1992	998.1	33.5027	945841	34	17.3272
Oct., 1992	1035.1	33.4353	946876	34	15.7154
Nov., 1992	980.4	32.8167	947857	34	15.7491
Dec., 1992	1015.2	32.7925	948872	34	17.365
Jan., 1993	1006.8	32.565	949878	34	16.8643
Feb., 1993	884.7	31.8811	950763	34	18.1745
Mar., 1993	1013.8	32.8356	951777	34	16.5644
Apr., 1993	957.7	32.1017	952735	34	13.6692
May., 1993	1022.9	33.3102	953758	34	15.7787
Jun., 1993	973.9	33.154	954732	34	13.3299
Jul., 1993	1002.2	32.4162	955734	34	14.1329
Aug., 1993	997.4	32.2175	956731	34	17.3748
Sep., 1993	939	31.3	957670	33	17.1777
Oct., 1993	929.5	30.0647	958600	33	17.2188
Nov., 1993	914.3	30.5616	959514	33	16.8018
Dec., 1993	889.2	28.8	960403	33	18.3607
Jan., 1994	876.3	28.3439	961279	33	18.0783
Feb., 1994	870.3	31.3151	962150	33	15.5377
Mar., 1994	935.1	30.2051	963085	33	16.4583
Apr., 1994	894.9	29.83	963980	33	15.507
May., 1994	972.6	31.5012	964952	33	16.2767
Jun., 1994	905.1	30.509	965857	33	16.4672
Jul., 1994	926.7	30.2185	966784	33	24.7181
Aug., 1994	915.8	29.7016	967700	33	25.7779
Sep., 1994	902	30.4045	968602	33	26.2315

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : August 22, 1997 3:49:01 pm
 User : Ludwig

Production Data from February, 1959 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cum Oil m3	Num Wells	WOR m3/m3
Oct., 1994	958.3	31.0381	969560	33	17.589
Nov., 1994	952.4	31.8795	970512	33	17.3514
Dec., 1994	956.5	30.938	971469	33	27.2423
Jan., 1995	939.9	30.3194	972409	33	27.6928
Feb., 1995	838.9	30.0502	973248	33	17.0076
Mar., 1995	930.3	30.0097	974178	33	17.4213
Apr., 1995	889.3	29.7259	975067	33	18.9238
May., 1995	897.7	29.1935	975965	33	18.4189
Jun., 1995	903.4	30.1972	976868	33	15.9368
Jul., 1995	910.8	30.2759	977779	33	17.1005
Aug., 1995	910.8	29.7809	978690	32	16.3573
Sep., 1995	898.9	29.9633	979589	32	16.3769
Oct., 1995	913.7	30.3303	980503	32	16.3261
Nov., 1995	858.1	28.8841	981361	32	16.58
Dec., 1995	913.6	29.6303	982274	32	15.9699
Jan., 1996	893	29.1592	983167	32	16.569
Feb., 1996	818.5	28.2647	983986	32	16.9763
Mar., 1996	884.1	29.5521	984870	32	16.817
Apr., 1996	836.9	28.5307	985707	33	17.4572
May., 1996	851.5	27.4677	986558	32	17.8768
Jun., 1996	821.2	27.4879	987379	32	17.0371
Jul., 1996	830.2	26.8891	988210	32	17.2908
Aug., 1996	832.9	27.1229	989043	32	17.6249
Sep., 1996	800.6	27.1774	989843	32	16.5197
Oct., 1996	847.7	27.3452	990691	32	16.854
Nov., 1996	803.4	26.9673	991494	32	17.0477
Dec., 1996	824.9	26.6097	992319	32	17.8738

$$q_t = q_i \cdot e^{-dt}$$

32 wells on prod.

$$q_{i, 97-01} - q_{t, 96-12} = 26.6 \text{ m}^3/\text{d} \quad \rightsquigarrow \quad d_{exp} = 6.12 \%$$

$$q_{i, 4^{st} Qu/79} - q_{t, 4^{th} Qu/96} = 27.0 \text{ m}^3/\text{d} \quad \rightsquigarrow \quad d_{exp} = 6.02 \%$$

$$q_{i, 79} - q_{t, 96} = 27.4 \text{ m}^3/\text{d} \quad \rightsquigarrow \quad d_{exp} = 5.98 \%$$

VRU No. 2 Data 02/59-12/96

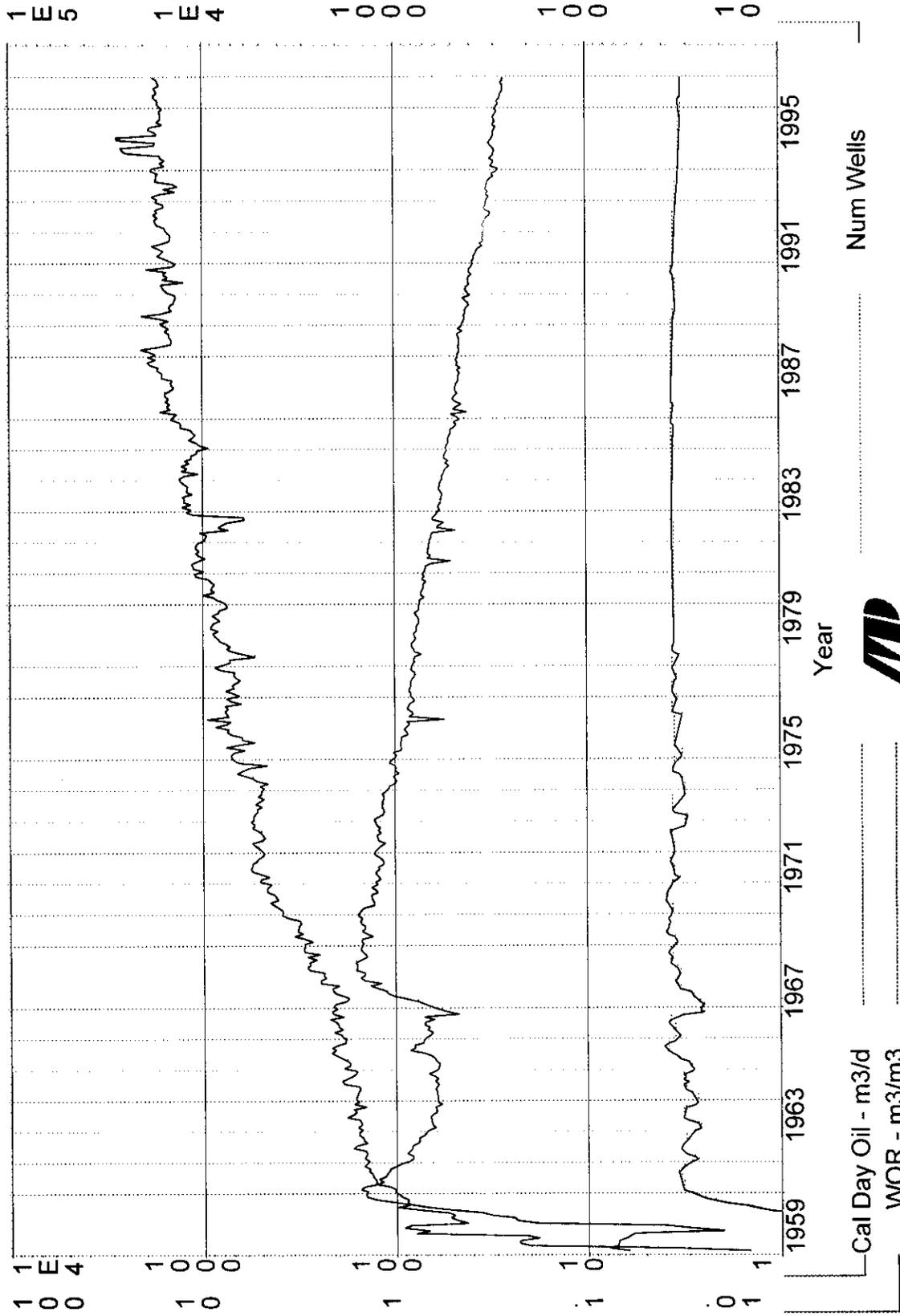
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Production Report

Group : VRU No. 2	Date : 8/28/97 2:52:28 pm
Well : VRU No. 2	User : Ludwig
: 000000210	
Hist.Data : 02/59-12/96	On Prod : 01/00
Operator :	Status : Unknown
Field :	Zone :

Production Data from January, 1979 to December, 1996

Year	Monthly Oil m3	Cal Day Oil m3/d	Avg Daily Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Jan., 1979	2457.7	79.2806	79.6016	686483	8.87708	35
Feb., 1979	2155.5	76.9821	77.2119	688639	8.26968	35
Mar., 1979	2382.6	76.8581	77.1692	691021	9.10829	35
Apr., 1979	2304.3	76.81	77.8918	693326	9.00299	35
May., 1979	2307.8	74.4452	75.0504	695633	8.7479	35
Jun., 1979	2240.5	74.6833	75.1005	697874	8.12841	35
Jul., 1979	2329.5	75.1452	75.8589	700203	8.46942	35
Aug., 1979	2380.7	76.7968	77.1077	702584	8.92864	35
Sep., 1979	2354.3	78.4767	78.9151	704938	8.25944	35
Oct., 1979	2330.8	75.1871	75.6958	707269	8.19616	35
Nov., 1979	2251.7	75.0567	75.5815	709521	7.45211	35
Dec., 1979	2329	75.129	75.129	711850	7.51623	35
Jan., 1980	2296	74.0645	75.7964	714146	7.74726	35
Feb., 1980	2128.9	73.4103	73.516	716275	8.40448	35
Mar., 1980	2167.7	69.9258	74.3212	718442	8.72667	35
Apr., 1980	2180.2	72.6733	73.6969	720622	9.96863	35
May., 1980	2241.5	72.3064	73.0924	722864	8.641	35
Jun., 1980	2137.5	71.25	71.9495	725002	9.06349	35
Jul., 1980	2180.8	70.3484	70.7286	727182	8.92549	35
Aug., 1980	2194.4	70.7871	71.0737	729377	8.64856	35
Sep., 1980	2048.4	68.28	69.5355	731425	9.05956	35
Oct., 1980	2222.7	71.7	71.7	733648	9.32843	35
Nov., 1980	2095.7	69.8567	73.1058	735744	10.7358	35
Dec., 1980	2212.3	71.3645	71.3645	737956	10.9778	35
Jan., 1981	2148	69.2903	70.3302	740104	9.79562	35
Feb., 1981	1927.7	68.8464	69.3625	742031	11.0779	35
Mar., 1981	2126.4	68.5935	68.9643	744158	11.0966	35
Apr., 1981	1947.7	64.9233	66.0237	746106	11.3553	35
May., 1981	1568.6	50.6	69.9747	747674	10.5101	35
Jun., 1981	2013.8	67.1267	73.0079	749688	9.64714	35
Jul., 1981	1997.1	64.4226	67.2236	751685	10.383	35
Aug., 1981	2081	67.1291	67.5832	753766	10.8636	35
Sep., 1981	2001.1	66.7033	66.7033	755767	10.4077	35
Oct., 1981	2064.7	66.6032	66.6032	757832	10.8849	35
Nov., 1981	1973.3	65.7767	66.1441	759805	10.8004	35
Dec., 1981	2035.1	65.6484	65.8253	761840	10.5574	35
Jan., 1982	2027.4	65.4	65.5763	763868	9.78929	35
Feb., 1982	1797.1	64.1822	64.1822	765665	9.78409	35
Mar., 1982	1987	64.0968	64.2695	767652	9.50428	35
Apr., 1982	1899.9	63.33	63.33	769552	10.3132	35
May., 1982	1482.1	47.8097	65.3868	771034	7.33905	35
Jun., 1982	1802	60.0667	61.4318	772836	8.26905	35
Jul., 1982	1810	58.3871	59.7524	774646	7.94856	35
Aug., 1982	1697.6	54.7613	58.6221	776343	7.45794	35

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : 8/28/97 2:52:28 pm
 User : Ludwig

Production Data from January, 1979 to December, 1996 (cont.)

Year	Monthly Oil m3	Cal Day Oil m3/d	Avg Daily Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1982	1891.8	63.06	63.9482	778235	6.03605	36
Oct., 1982	1944.8	62.7355	62.8199	780180	6.11806	36
Nov., 1982	1819.3	60.6433	60.8123	781999	11.0831	36
Dec., 1982	1850.7	59.7	59.8609	783850	12.0643	36
Jan., 1983	1788.8	57.7032	59.7928	785639	11.4466	36
Feb., 1983	1656.5	59.1607	59.1607	787295	12.7305	36
Mar., 1983	1798.1	58.0032	58.0032	789093	11.4554	36
Apr., 1983	1709.3	56.9767	57.295	790802	12.4863	36
May., 1983	1771.5	57.1452	57.6098	792574	12.3403	36
Jun., 1983	1716.7	57.2233	58.2755	794291	12.6952	36
Jul., 1983	1732.5	55.8871	59.4	796023	11.2849	36
Aug., 1983	1770.3	57.1064	57.2604	797794	12.078	36
Sep., 1983	1756	58.5333	58.6964	799550	11.9413	36
Oct., 1983	1801.8	58.1226	58.2793	801351	11.8931	36
Nov., 1983	1730.7	57.69	57.69	803082	12.4753	36
Dec., 1983	1767.5	57.0161	57.0161	804850	12.9726	36
Jan., 1984	1733.1	55.9064	56.2086	806583	13.1435	36
Feb., 1984	1628.5	56.1552	56.1552	808211	12.3691	36
Mar., 1984	1710.2	55.1677	55.9193	809921	10.4736	36
Apr., 1984	1639	54.6333	55.4028	811560	12.8493	36
May., 1984	1662.8	53.6387	56.8479	813223	11.9491	36
Jun., 1984	1543.1	51.4367	58.1388	814766	12.8527	36
Jul., 1984	1670.3	53.8806	54.6892	816437	11.6757	36
Aug., 1984	1606.9	51.8355	52.6853	818043	12.325	36
Sep., 1984	1649	54.9667	56.3761	819692	11.3487	36
Oct., 1984	1693.2	54.6194	54.6929	821386	11.382	36
Nov., 1984	1636.7	54.5567	54.6325	823022	10.6354	36
Dec., 1984	1641.7	52.9581	52.9581	824664	10.6469	36
Jan., 1985	1659.6	53.5355	53.6798	826324	9.25705	36
Feb., 1985	1483	52.9643	53.0432	827807	10.3399	36
Mar., 1985	1611.6	51.9871	52.6954	829418	10.6838	36
Apr., 1985	1564	52.1333	53.0169	830982	11.7008	36
May., 1985	1605.2	51.7806	52.2724	832587	11.2765	36
Jun., 1985	1553.1	51.77	51.9142	834141	10.8306	36
Jul., 1985	1561.9	50.3839	50.7935	835702	11.2075	36
Aug., 1985	1567.9	50.5774	50.7138	837270	11.5103	36
Sep., 1985	1458.3	48.61	48.8816	838729	12.996	36
Oct., 1985	1451.3	46.8161	46.9423	840180	12.865	35
Nov., 1985	1464.8	48.8267	49.4447	841645	13.1451	36
Dec., 1985	1406.9	45.3839	49.0779	843052	14.4936	36
Jan., 1986	1442.8	46.5419	49.3969	844495	14.1212	36
Feb., 1986	1407.3	50.2607	50.2607	845902	13.4357	36
Mar., 1986	1276.4	41.1742	51.3987	847178	16.5552	36
Apr., 1986	1467.3	48.91	49.739	848646	14.5369	36
May., 1986	1457.6	47.0194	49.2017	850103	15.1797	36
Jun., 1986	1324.3	44.1433	48.5982	851427	14.7186	35
Jul., 1986	1481.2	47.7806	48.3	852909	15.4257	36
Aug., 1986	1530.3	49.3645	49.4976	854439	14.8579	36

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : 8/28/97 2:52:29 pm
 User : Ludwig

Production Data from January, 1979 to December, 1996 (cont.)

Year	Monthly Oil m3	Cal Day Oil m3/d	Avg Daily Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1986	1446.8	48.2267	48.2937	855886	15.4963	36
Oct., 1986	1439.7	46.4419	47.99	857325	15.5817	36
Nov., 1986	1425.8	47.5267	47.9261	858751	15.5818	36
Dec., 1986	1482.4	47.8194	48.1429	860234	14.0228	36
Jan., 1987	1468.4	47.3677	47.3677	861702	14.0188	36
Feb., 1987	1315.2	46.9714	47.0414	863017	14.5358	36
Mar., 1987	1415.3	45.6548	45.8397	864433	14.1722	36
Apr., 1987	1379.7	45.99	46.2469	865812	16.1738	36
May., 1987	1420.8	45.8323	47.758	867233	16.0452	36
Jun., 1987	1350.1	45.0033	47.5109	868583	16.1662	36
Jul., 1987	1445.7	46.6355	46.7612	870029	17.1325	36
Aug., 1987	1383.1	44.6161	46.0394	871412	16.7739	36
Sep., 1987	1409.9	46.9967	47.062	872822	18.5193	36
Oct., 1987	1433.5	46.2419	46.8719	874256	19.1782	36
Nov., 1987	1420	47.3333	47.3333	875676	17.2908	36
Dec., 1987	1437	46.3548	46.3548	877112	19.0028	36
Jan., 1988	1437.9	46.3839	46.4463	878550	17.2947	36
Feb., 1988	1317.5	45.431	45.431	879868	18.6816	36
Mar., 1988	1404.6	45.3097	45.5546	881273	20.6941	36
Apr., 1988	1374.8	45.8267	46.0827	882647	16.7944	36
May., 1988	1407.9	45.4161	46.1607	884055	14.4108	36
Jun., 1988	1359.6	45.32	45.4462	885415	14.3786	36
Jul., 1988	1408.9	45.4484	45.694	886824	14.4489	36
Aug., 1988	1407.1	45.3903	45.4514	888231	14.8383	36
Sep., 1988	1393.4	46.4467	46.5113	889624	14.7718	36
Oct., 1988	1353.7	43.6677	44.0228	890978	15.5153	36
Nov., 1988	1378.6	45.9533	45.9533	892356	14.8549	36
Dec., 1988	1368.1	44.1323	44.1323	893725	15.6809	36
Jan., 1989	1351.8	43.6065	43.6651	895076	16.4447	36
Feb., 1989	1199	42.8214	43.4027	896275	14.8023	36
Mar., 1989	1311.6	42.3097	42.481	897587	16.9198	35
Apr., 1989	1286	42.8667	42.9263	898873	20.5062	35
May., 1989	1309.9	42.2548	42.3687	900183	16.0402	35
Jun., 1989	1268.9	42.2967	43.0136	901452	14.2539	35
Jul., 1989	1292.8	41.7032	41.7032	902745	14.7369	34
Aug., 1989	1249.3	40.3	41.4705	903994	14.6194	34
Sep., 1989	1217.1	40.57	40.7398	905211	14.016	34
Oct., 1989	1312.5	42.3387	42.3957	906523	14.0018	34
Nov., 1989	1299.7	43.3233	43.5046	907823	13.6293	34
Dec., 1989	1227.1	39.5839	39.6372	909050	13.8049	34
Jan., 1990	1269	40.9355	41.2124	910319	14.9918	34
Feb., 1990	1175.8	41.9929	42.3076	911495	15.6346	34
Mar., 1990	1293	41.7097	41.7097	912788	15.9459	34
Apr., 1990	1209.9	40.33	41.4823	913998	16.2529	34
May., 1990	1255.2	40.4903	41.5514	915253	12.4347	34
Jun., 1990	1223.2	40.7733	40.83	916476	15.9132	34
Jul., 1990	1252.5	40.4032	40.5668	917729	14.9782	34
Aug., 1990	1203.2	38.8129	39.7752	918932	15.8689	35

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : 8/28/97 2:52:29 pm
 User : Ludwig

Production Data from January, 1979 to December, 1996 (cont.)

Year	Monthly Oil m3	Cal Day Oil m3/d	Avg Daily Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1990	1210.4	40.3467	41.3812	920142	15.2528	36
Oct., 1990	1244.2	40.1355	40.1895	921387	19.3643	36
Nov., 1990	1174.9	39.1633	39.1633	922562	14.2596	36
Dec., 1990	1190.7	38.4097	38.4097	923752	13.6273	35
Jan., 1991	1203.5	38.8226	38.8748	924956	14.3649	35
Feb., 1991	1061.5	37.9107	38.4253	926017	15.4676	35
Mar., 1991	1180.8	38.0903	38.1416	927198	16.9112	35
Apr., 1991	1117.4	37.2467	37.2467	928315	16.9232	35
May., 1991	1144.6	36.9226	36.9226	929460	15.7872	35
Jun., 1991	1082.3	36.0767	36.3289	930542	16.8556	35
Jul., 1991	1054.9	34.029	35.9625	931597	18.18	35
Aug., 1991	1095.9	35.3516	35.5427	932693	16.0821	35
Sep., 1991	1008.4	33.6133	34.4262	933702	14.6496	35
Oct., 1991	1061.1	34.229	34.229	934763	14.6292	35
Nov., 1991	1016.7	33.89	33.89	935779	14.4881	35
Dec., 1991	1057.5	34.1129	34.1588	936837	14.9797	35
Jan., 1992	1036.5	33.4355	33.7531	937873	15.3946	35
Feb., 1992	963.9	33.2379	33.2379	938837	15.568	35
Mar., 1992	1065	34.3548	34.3548	939902	17.0385	35
Apr., 1992	1006.8	33.56	33.7475	940909	17.0342	35
May., 1992	1026.5	33.1129	33.4274	941936	17.6142	35
Jun., 1992	977.2	32.5733	32.8931	942913	16.8727	35
Jul., 1992	971.1	31.3258	31.6233	943884	17.7464	35
Aug., 1992	959.2	30.9419	31.5353	944843	17.0423	35
Sep., 1992	998.1	33.27	33.5027	945841	17.3272	34
Oct., 1992	1035.1	33.3903	33.4353	946876	15.7154	34
Nov., 1992	980.4	32.68	32.8167	947857	15.7491	34
Dec., 1992	1015.2	32.7484	32.7925	948872	17.365	34
Jan., 1993	1006.8	32.4774	32.565	949878	16.8643	34
Feb., 1993	884.7	31.5964	31.8811	950763	18.1745	34
Mar., 1993	1013.8	32.7032	32.8356	951777	16.5644	34
Apr., 1993	957.7	31.9233	32.1017	952735	13.6692	34
May., 1993	1022.9	32.9968	33.3102	953758	15.7787	34
Jun., 1993	973.9	32.4633	33.154	954732	13.3299	34
Jul., 1993	1002.2	32.329	32.4162	955734	14.1329	34
Aug., 1993	997.4	32.1742	32.2175	956731	17.3748	34
Sep., 1993	939	31.3	31.3	957670	17.1777	33
Oct., 1993	929.5	29.9839	30.0647	958600	17.2188	33
Nov., 1993	914.3	30.4767	30.5616	959514	16.8018	33
Dec., 1993	889.2	28.6839	28.8	960403	18.3607	33
Jan., 1994	876.3	28.2677	28.3439 .497	961279	18.0783	33
Feb., 1994	870.3	31.0821	31.3151 .498	962150	15.5377	33
Mar., 1994	935.1	30.1645	30.2051 .492	963085	16.4583	33
Apr., 1994	894.9	29.83	29.83 1.0	963980	15.507	33
May., 1994	972.6	31.3742	31.5012 .496	964952	16.2767	33
Jun., 1994	905.1	30.17	30.509 .489	965857	16.4672	33
Jul., 1994	926.7	29.8936	30.2185 .489	966784	24.7181	33
Aug., 1994	915.8	29.5419	29.7016 .495	967700	25.7779	33

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210

Date : 8/28/97 2:52:30 pm
 User : Ludwig

Production Data from January, 1979 to December, 1996 (cont.)

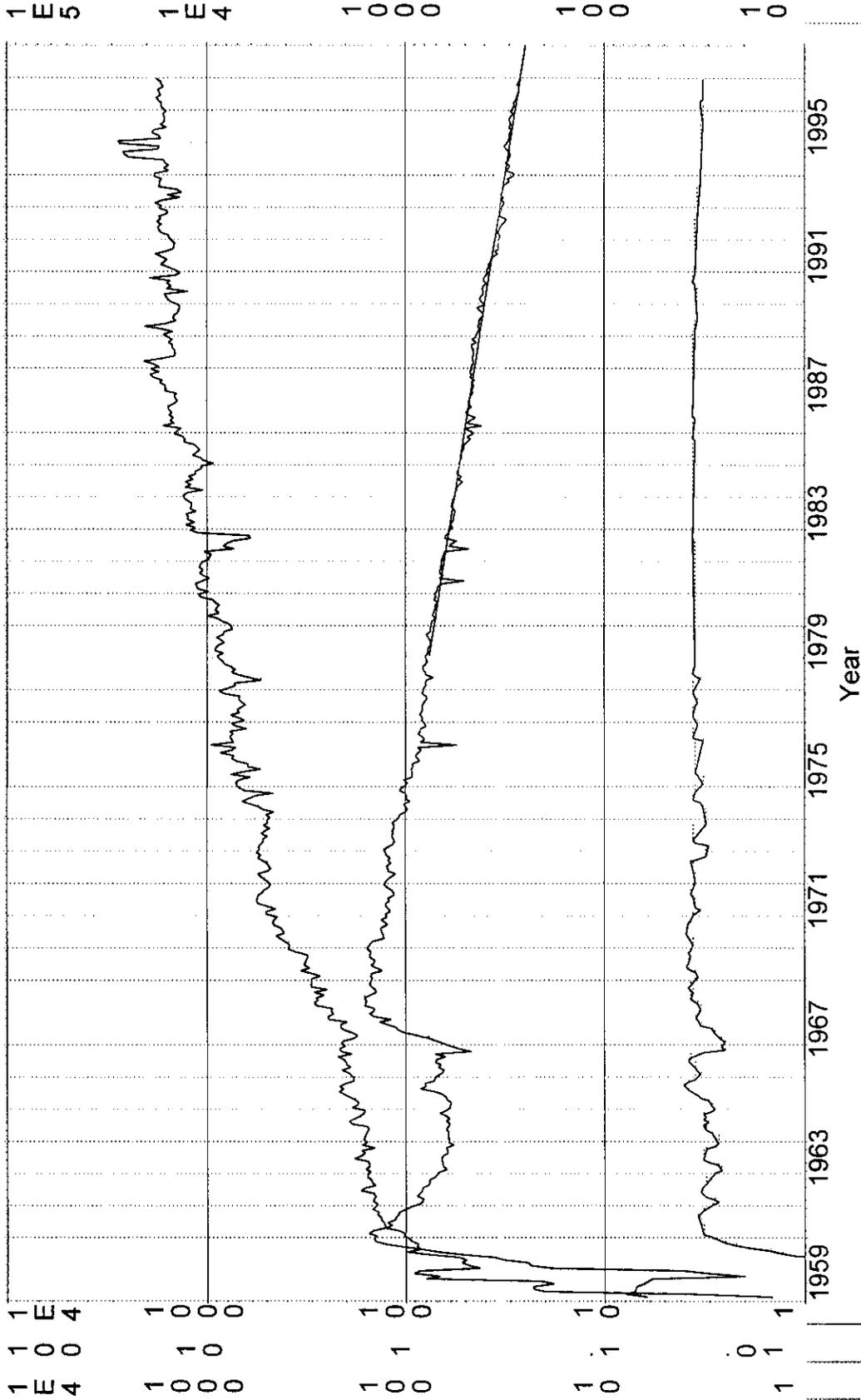
Year	Monthly Oil m3	Cal Day Oil m3/d	Avg Daily Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1994	902	30.0667	30.4045	968602	26.2315	33
Oct., 1994	958.3	30.9129	31.0381	969560	17.589	33
Nov., 1994	952.4	31.7467	31.8795	970512	17.3514	33
Dec., 1994	956.5	30.8548	30.938	971469	27.2423	33
Jan., 1995	939.9	30.3194	30.3194	972409	27.6928	33
Feb., 1995	838.9	29.9607	30.0502	973248	17.0076	33
Mar., 1995	930.3	30.0097	30.0097	974178	17.4213	33
Apr., 1995	889.3	29.6433	29.7259	975067	18.9238	33
May., 1995	897.7	28.9581	29.1935	975965	18.4189	33
Jun., 1995	903.4	30.1133	30.1972	976868	15.9368	33
Jul., 1995	910.8	29.3806	30.2759	977779	17.1005	33
Aug., 1995	910.8	29.3806	29.7809	978690	16.3573	32
Sep., 1995	898.9	29.9633	29.9633	979589	16.3769	32
Oct., 1995	913.7	29.4742	30.3303	980503	16.3261	32
Nov., 1995	858.1	28.6033	28.8841	981361	16.58	32
Dec., 1995	913.6	29.471	29.6303	982274	15.9699	32
Jan., 1996	893	28.8065	29.1592	983167	16.569	32
Feb., 1996	818.5	28.2241	28.2647	983986	16.9763	32
Mar., 1996	884.1	28.5194	29.5521	984870	16.817	32
Apr., 1996	836.9	27.8967	28.5307	985707	17.4572	33
May., 1996	851.5	27.4677	27.4677	986558	17.8768	32
Jun., 1996	821.2	27.3733	27.4879	987379	17.0371	32
Jul., 1996	830.2	26.7806	26.8891	988210	17.2908	32
Aug., 1996	832.9	26.8677	27.1229	989043	17.6249	32
Sep., 1996	800.6	26.6867	27.1774	989843	16.5197	32
Oct., 1996	847.7	27.3452	27.3452	990691	16.854	32
Nov., 1996	803.4	26.78	26.9673	991494	17.0477	32
Dec., 1996	824.9	26.6097	26.6097	992319	17.8738	32

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 76.1061 m3/d, Jan, 1979
 qf: 1.58783 m3/d, Sep, 2044
 di(Exp): 5.71179 CTD: 992319 m3
 RR: 153976 m3 Tot: 1.14629e+06 m3

Production Cums
 Oil: 992319 m3
 Gas: 0 E6m3
 Water: 6.74332e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d
 WOR - m3/m3
 Historical Production - m3/d

Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:50:00 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	31.3438
Feb., 1994	31.0821	31.1906
Mar., 1994	30.1645	31.0381
Apr., 1994	29.83	30.8863
May., 1994	31.3742	30.7353
Jun., 1994	30.17	30.585
Jul., 1994	29.8936	30.4355
Aug., 1994	29.5419	30.2867
Sep., 1994	30.0667	30.1386
Oct., 1994	30.9129	29.9913 *
Nov., 1994	31.7467	29.8446 *
Dec., 1994	30.8548	29.6987 *
Jan., 1995	30.3194	29.5535 *
Feb., 1995	29.9607	29.409 *
Mar., 1995	30.0097	29.2652 *
Apr., 1995	29.6433	29.1222 *
May., 1995	28.9581	28.9798 *
Jun., 1995	30.1133	28.8381 *
Jul., 1995	29.3806	28.6971 *
Aug., 1995	29.3806	28.5568 *
Sep., 1995	29.9633	28.4172 *
Oct., 1995	29.4742	28.2782 *
Nov., 1995	28.6033	28.14 *
Dec., 1995	29.471	28.0024 *
Jan., 1996	28.8065	27.7894 *
Feb., 1996	28.2241	27.6535 *
Mar., 1996	28.5194	27.5183 *
Apr., 1996	27.8967	27.3837 *
May., 1996	27.4677	27.2499 *
Jun., 1996	27.3733	27.1166 *
Jul., 1996	26.7806	26.984 *
Aug., 1996	26.8677	26.8521 *
Sep., 1996	26.6867	26.7208 *
Oct., 1996	27.3452	26.5902 *
Nov., 1996	26.78	26.4602 *
Dec., 1996	26.6097	26.3308 *
Jan., 1997		26.2739 *
Feb., 1997		26.1454 *
Mar., 1997		26.0176 *
Apr., 1997		25.8904 *
May., 1997		25.7638 *
Jun., 1997		25.6378 *

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 78.44 m3/d, Jan, 1979

qf: 1.58699 m3/d, Nov, 2042

di(Exp): 5.92 CTD: 992319 m3

RR: 146922 m3 Tot: 1.13924e+06 m3

Production Cums

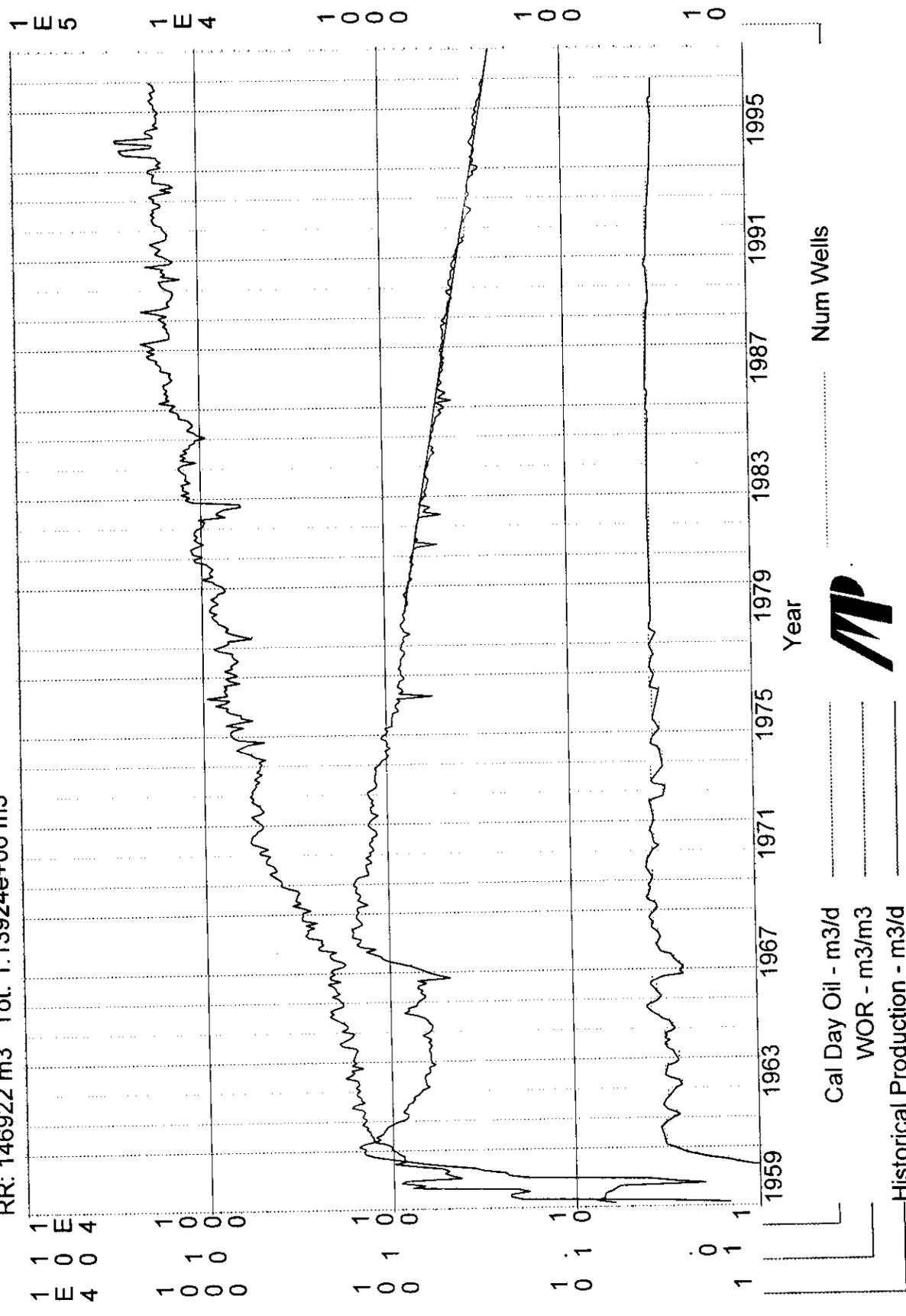
Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3

CHEVRON'S PROPOSED DECLINE



Cal Day Oil - m3/d
 WOR - m3/m3
 Historical Production - m3/d

Num Wells



Production Report - CHEVRON'S PROPOSED DECLINE

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 9/2/97 12:05:16 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to December, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	31.2456
Feb., 1994	31.0821	31.0871
Mar., 1994	30.1645	30.9294
Apr., 1994	29.83	30.7725
May., 1994	31.3742	30.6164
Jun., 1994	30.17	30.4611
Jul., 1994	29.8936	30.3066
Aug., 1994	29.5419	30.1529
Sep., 1994	30.0667	29.9999
Oct., 1994	30.9129	29.8478
Nov., 1994	31.7467	29.6963
Dec., 1994	30.8548	29.5457
Jan., 1995	30.3194	29.3958
Feb., 1995	29.9607	29.2467
Mar., 1995	30.0097	29.0984
Apr., 1995	29.6433	28.9508
May., 1995	28.9581	28.8039
Jun., 1995	30.1133	28.6578
Jul., 1995	29.3806	28.5125
Aug., 1995	29.3806	28.3678
Sep., 1995	29.9633	28.2239
Oct., 1995	29.4742	28.0808
Nov., 1995	28.6033	27.9383
Dec., 1995	29.471	27.7966
Jan., 1996	28.8065	27.58
Feb., 1996	28.2241	27.4401
Mar., 1996	28.5194	27.301
Apr., 1996	27.8967	27.1625
May., 1996	27.4677	27.0247
Jun., 1996	27.3733	26.8876
Jul., 1996	26.7806	26.7512
Aug., 1996	26.8677	26.6155
Sep., 1996	26.6867	26.4805
Oct., 1996	27.3452	26.3462
Nov., 1996	26.78	26.2126
Dec., 1996	26.6097	26.0796
Jan., 1997		26.0184
Feb., 1997		25.8864
Mar., 1997		25.7551
Apr., 1997		25.6245
May., 1997		25.4945
Jun., 1997		25.3652
Jul., 1997		25.2365
Aug., 1997		25.1085

Production Report

Group : VRU No. 2
Well : VRU No. 2
: 000000210

Date : 9/2/97 12:05:16 pm
User : Ludwig

Production Data from January, 1994 to December, 1997 (cont.)

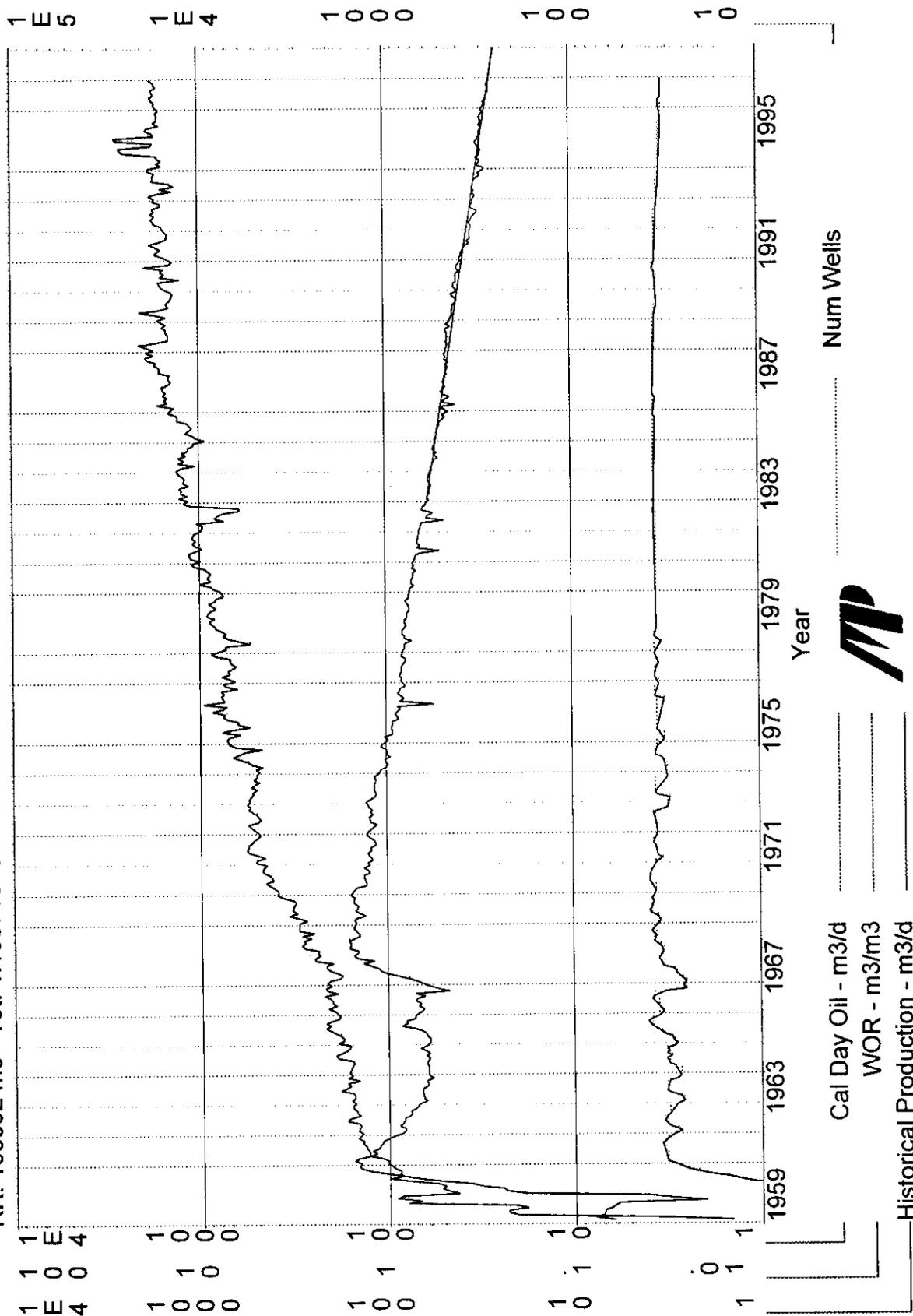
Year	Cal Day Oil m3/d	Historical Production m3/d
Sep., 1997		24.9811
Oct., 1997		24.8544
Nov., 1997		24.7283
Dec., 1997		24.6029

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 59.3892 m3/d, Jan, 1983
 qf: 0.203533 m3/d, Jan, 2082
 di(Exp): 5.56756 CTD: 992319 m3
 RR: 168392 m3 Tot: 1.16071e+06 m3

Production Cums
 Oil: 992319 m3
 Gas: 0 E6m3
 Water: 6.74332e+06 m3
 Cond: 0 m3



Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:54:56 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	31.4751
Feb., 1994	31.0821	31.3252
Mar., 1994	30.1645	31.1761
Apr., 1994	29.83	31.0276
May., 1994	31.3742	30.8798
Jun., 1994	30.17	30.7327
Jul., 1994	29.8936	30.5864
Aug., 1994	29.5419	30.4407
Sep., 1994	30.0667	30.2957
Oct., 1994	30.9129	30.1515
Nov., 1994	31.7467	30.0079
Dec., 1994	30.8548	29.865
Jan., 1995	30.3194	29.7227
Feb., 1995	29.9607	29.5812
Mar., 1995	30.0097	29.4403
Apr., 1995	29.6433	29.3001
May., 1995	28.9581	29.1606
Jun., 1995	30.1133	29.0217
Jul., 1995	29.3806	28.8835
Aug., 1995	29.3806	28.7459
Sep., 1995	29.9633	28.609
Oct., 1995	29.4742	28.4728
Nov., 1995	28.6033	28.3372
Dec., 1995	29.471	28.2022
Jan., 1996	28.8065	27.9912 *
Feb., 1996	28.2241	27.8579 *
Mar., 1996	28.5194	27.7252 *
Apr., 1996	27.8967	27.5932 *
May., 1996	27.4677	27.4618 ✓
Jun., 1996	27.3733	27.331 *
Jul., 1996	26.7806	27.2008
Aug., 1996	26.8677	27.0713
Sep., 1996	26.6867	26.9424
Oct., 1996	27.3452	26.8141 *
Nov., 1996	26.78	26.6864 *
Dec., 1996	26.6097	26.5593 *
Jan., 1997		26.5052
Feb., 1997		26.379
Mar., 1997		26.2533
Apr., 1997		26.1283
May., 1997		26.0039 -
Jun., 1997		25.88

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 47.3295 m3/d, Jul, 1987

qf: 0.0974103 m3/d, Jul, 2086

di(Exp): 6.05229 CTD: 992319 m3

RR: 152341 m3 Tot: 1.14466e+06 m3

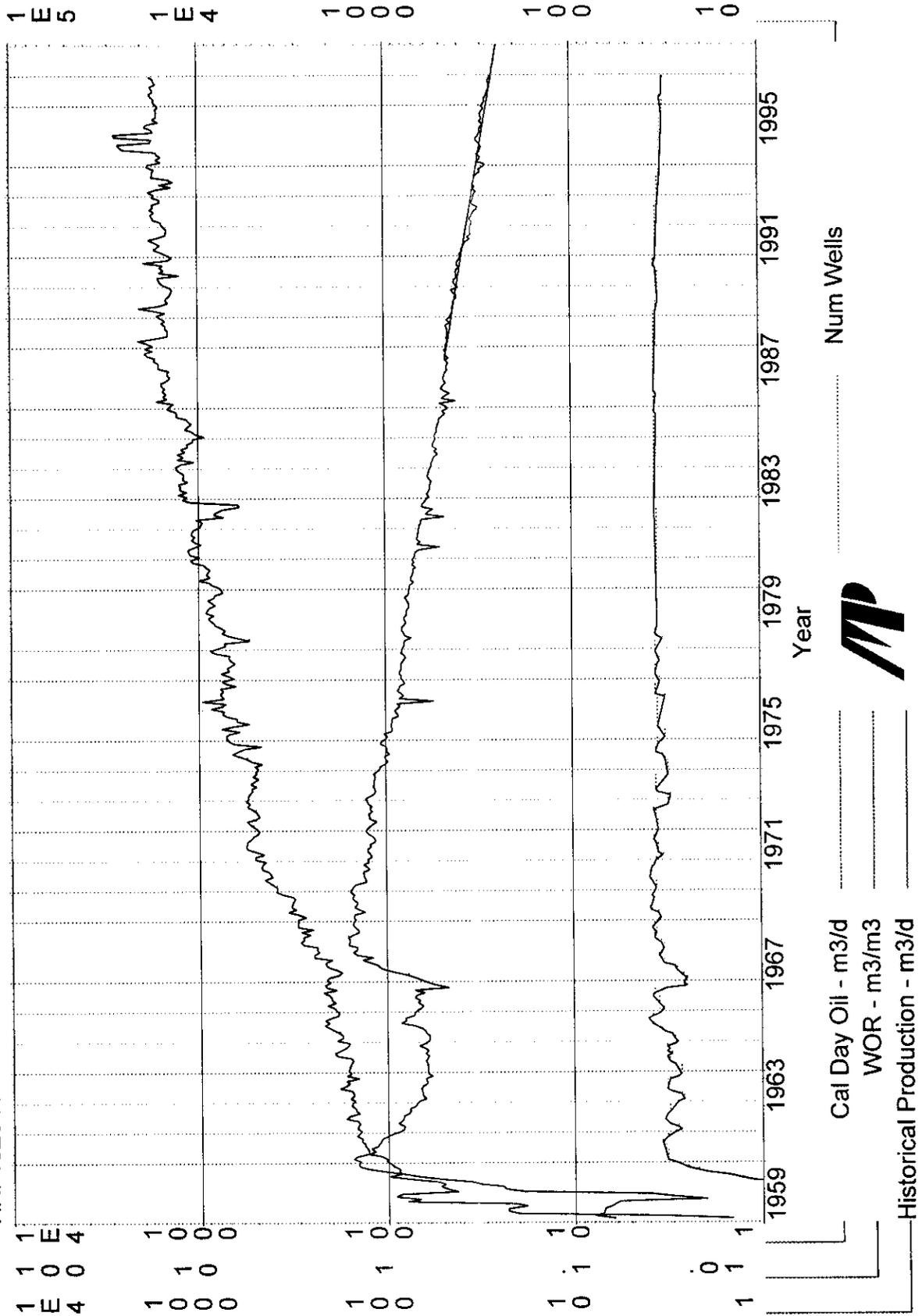
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:56:04 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

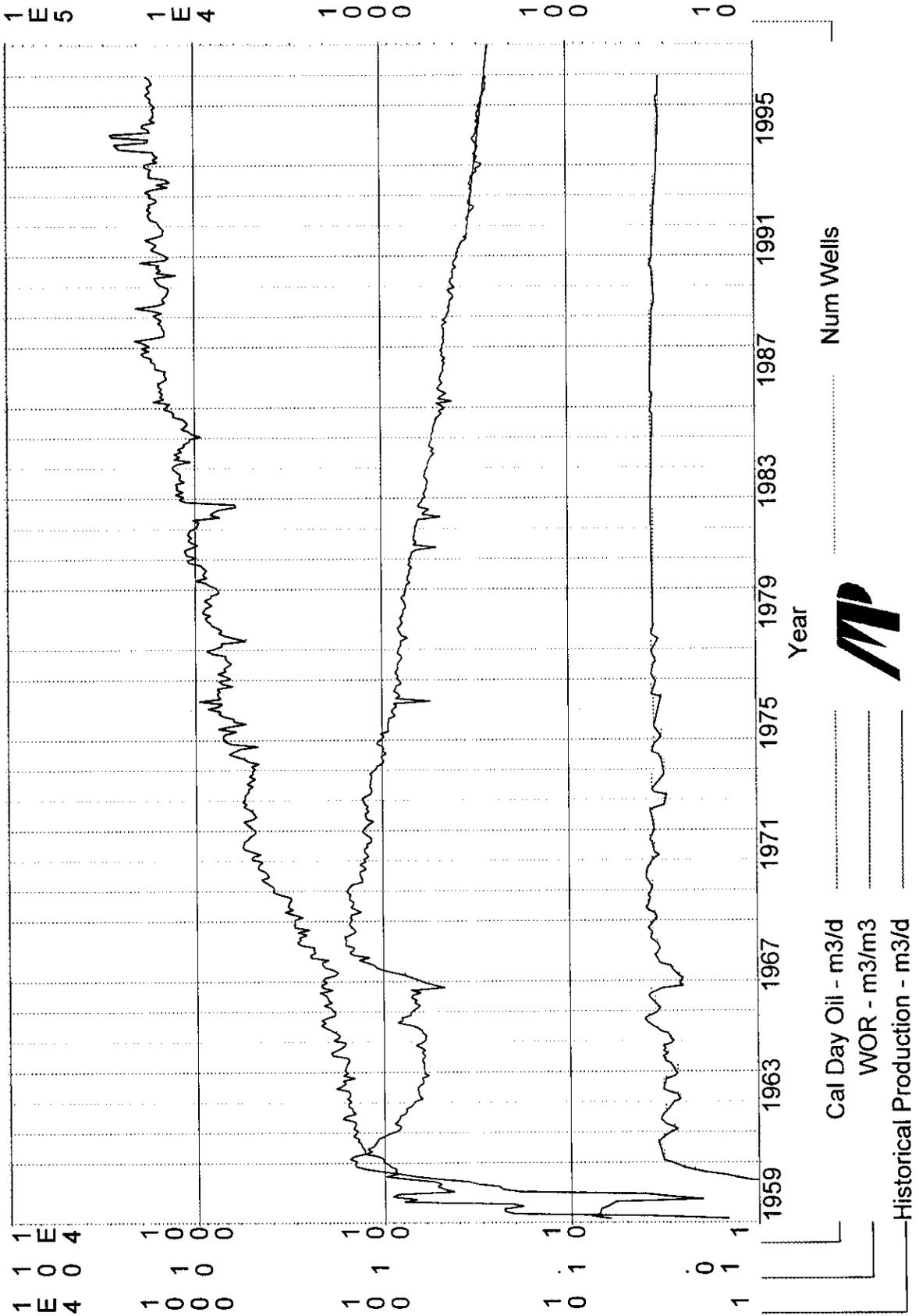
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	31.3785
Feb., 1994	31.0821	31.2157
Mar., 1994	30.1645	31.0537
Apr., 1994	29.83	30.8926
May., 1994	31.3742	30.7323
Jun., 1994	30.17	30.5728
Jul., 1994	29.8936	30.4141
Aug., 1994	29.5419	30.2563
Sep., 1994	30.0667	30.0993
Oct., 1994	30.9129	29.9431
Nov., 1994	31.7467	29.7877
Dec., 1994	30.8548	29.6332
Jan., 1995	30.3194	29.4794
Feb., 1995	29.9607	29.3264
Mar., 1995	30.0097	29.1742
Apr., 1995	29.6433	29.0229
May., 1995	28.9581	28.8723
Jun., 1995	30.1133	28.7224
Jul., 1995	29.3806	28.5734
Aug., 1995	29.3806	28.4251
Sep., 1995	29.9633	28.2776
Oct., 1995	29.4742	28.1309
Nov., 1995	28.6033	27.9849
Dec., 1995	29.471	27.8397
Jan., 1996	28.8065	27.6196
Feb., 1996	28.2241	27.4762
Mar., 1996	28.5194	27.3337
Apr., 1996	27.8967	27.1918
May., 1996	27.4677	27.0507
Jun., 1996	27.3733	26.9103
Jul., 1996	26.7806	26.7707
Aug., 1996	26.8677	26.6318
Sep., 1996	26.6867	26.4936
Oct., 1996	27.3452	26.3561
Nov., 1996	26.78	26.2193
Dec., 1996	26.6097	26.0833
Jan., 1997		26.019
Feb., 1997		25.884
Mar., 1997		25.7497
Apr., 1997		25.6161
May., 1997		25.4831
Jun., 1997		25.3509

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 34.5336 m3/d, Jul, 1991
 qf: 0.493093 m3/d, Jul, 2090
 df(Exp): 4.19765 CTD: 992319 m3
 RR: 227980 m3 Tot: 1.2203e+06 m3

Production Cums
 Oil: 992319 m3
 Gas: 0 E6m3
 Water: 6.74332e+06 m3
 Cond: 0 m3



Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:56:41 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

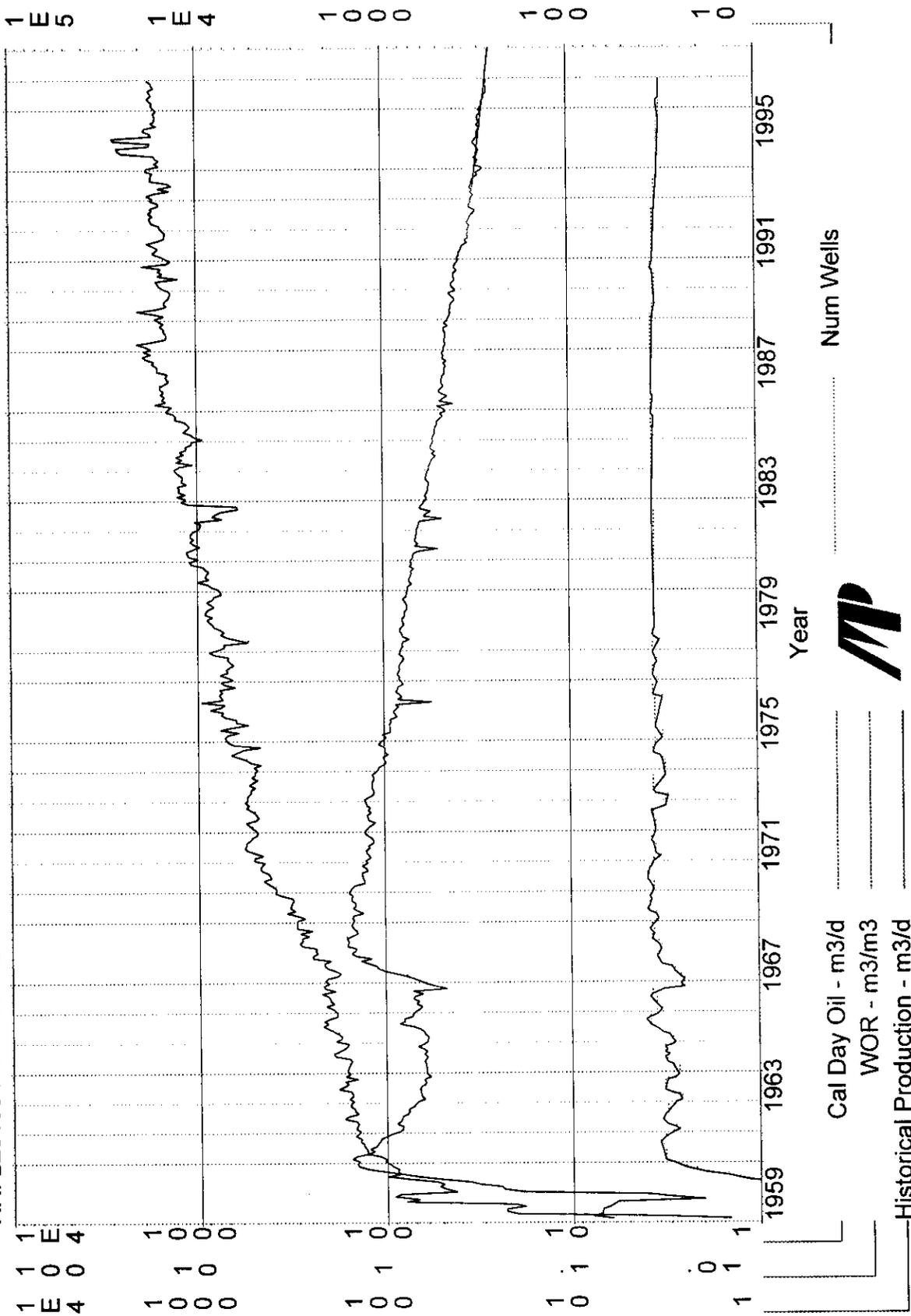
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	30.9122
Feb., 1994	31.0821	30.802
Mar., 1994	30.1645	30.6921
Apr., 1994	29.83	30.5826
May., 1994	31.3742	30.4735
Jun., 1994	30.17	30.3648
Jul., 1994	29.8936	30.2565
Aug., 1994	29.5419	30.1486
Sep., 1994	30.0667	30.041
Oct., 1994	30.9129	29.9338
Nov., 1994	31.7467	29.8271
Dec., 1994	30.8548	29.7207
Jan., 1995	30.3194	29.6146
Feb., 1995	29.9607	29.509
Mar., 1995	30.0097	29.4037
Apr., 1995	29.6433	29.2989
May., 1995	28.9581	29.1943
Jun., 1995	30.1133	29.0902
Jul., 1995	29.3806	28.9864
Aug., 1995	29.3806	28.883
Sep., 1995	29.9633	28.78
Oct., 1995	29.4742	28.6773
Nov., 1995	28.6033	28.575
Dec., 1995	29.471	28.4731
Jan., 1996	28.8065	28.294
Feb., 1996	28.2241	28.1931
Mar., 1996	28.5194	28.0925
Apr., 1996	27.8967	27.9923
May., 1996	27.4677	27.8924
Jun., 1996	27.3733	27.7929
Jul., 1996	26.7806	27.6938
Aug., 1996	26.8677	27.595
Sep., 1996	26.6867	27.4966
Oct., 1996	27.3452	27.3985
Nov., 1996	26.78	27.3008
Dec., 1996	26.6097	27.2034
Jan., 1997		27.1806
Feb., 1997		27.0836
Mar., 1997		26.987
Apr., 1997		26.8907
May., 1997		26.7948
Jun., 1997		26.6992

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 32.0397 m3/d, May, 1993
 qf: 0.389176 m3/d, May, 2092
 di(Exp): 4.35124 CTD: 992319 m3
 RR: 220105 m3 Tot: 1.21242e+06 m3

Production Cums
 Oil: 992319 m3
 Gas: 0 E6m3
 Water: 6.74332e+06 m3
 Cond: 0 m3



Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:57:22 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	30.9883
Feb., 1994	31.0821	30.8737
Mar., 1994	30.1645	30.7594
Apr., 1994	29.83	30.6456
May., 1994	31.3742	30.5322
Jun., 1994	30.17	30.4192
Jul., 1994	29.8936	30.3066
Aug., 1994	29.5419	30.1945
Sep., 1994	30.0667	30.0828
Oct., 1994	30.9129	29.9714
Nov., 1994	31.7467	29.8605
Dec., 1994	30.8548	29.75
Jan., 1995	30.3194	29.64
Feb., 1995	29.9607	29.5303
Mar., 1995	30.0097	29.421
Apr., 1995	29.6433	29.3121
May., 1995	28.9581	29.2037
Jun., 1995	30.1133	29.0956
Jul., 1995	29.3806	28.9879
Aug., 1995	29.3806	28.8807
Sep., 1995	29.9633	28.7738
Oct., 1995	29.4742	28.6673
Nov., 1995	28.6033	28.5612
Dec., 1995	29.471	28.4555
Jan., 1996	28.8065	28.2728
Feb., 1996	28.2241	28.1682
Mar., 1996	28.5194	28.0639
Apr., 1996	27.8967	27.9601
May., 1996	27.4677	27.8566
Jun., 1996	27.3733	27.7535
Jul., 1996	26.7806	27.6508
Aug., 1996	26.8677	27.5485
Sep., 1996	26.6867	27.4466
Oct., 1996	27.3452	27.345
Nov., 1996	26.78	27.2438
Dec., 1996	26.6097	27.143
Jan., 1997		27.1167
Feb., 1997		27.0163
Mar., 1997		26.9163
Apr., 1997		26.8167
May., 1997		26.7175
Jun., 1997		26.6186

VRU No. 2 Data 02/59-12/96

Historical Production (Rate-Time)

qi: 31.3718 m3/d, Sep, 1994

qf: 0.0306524 m3/d, Sep, 2093

di(Exp): 6.75602 CTD: 992319 m3

RR: 138885 m3 Tot: 1.1312e+06 m3

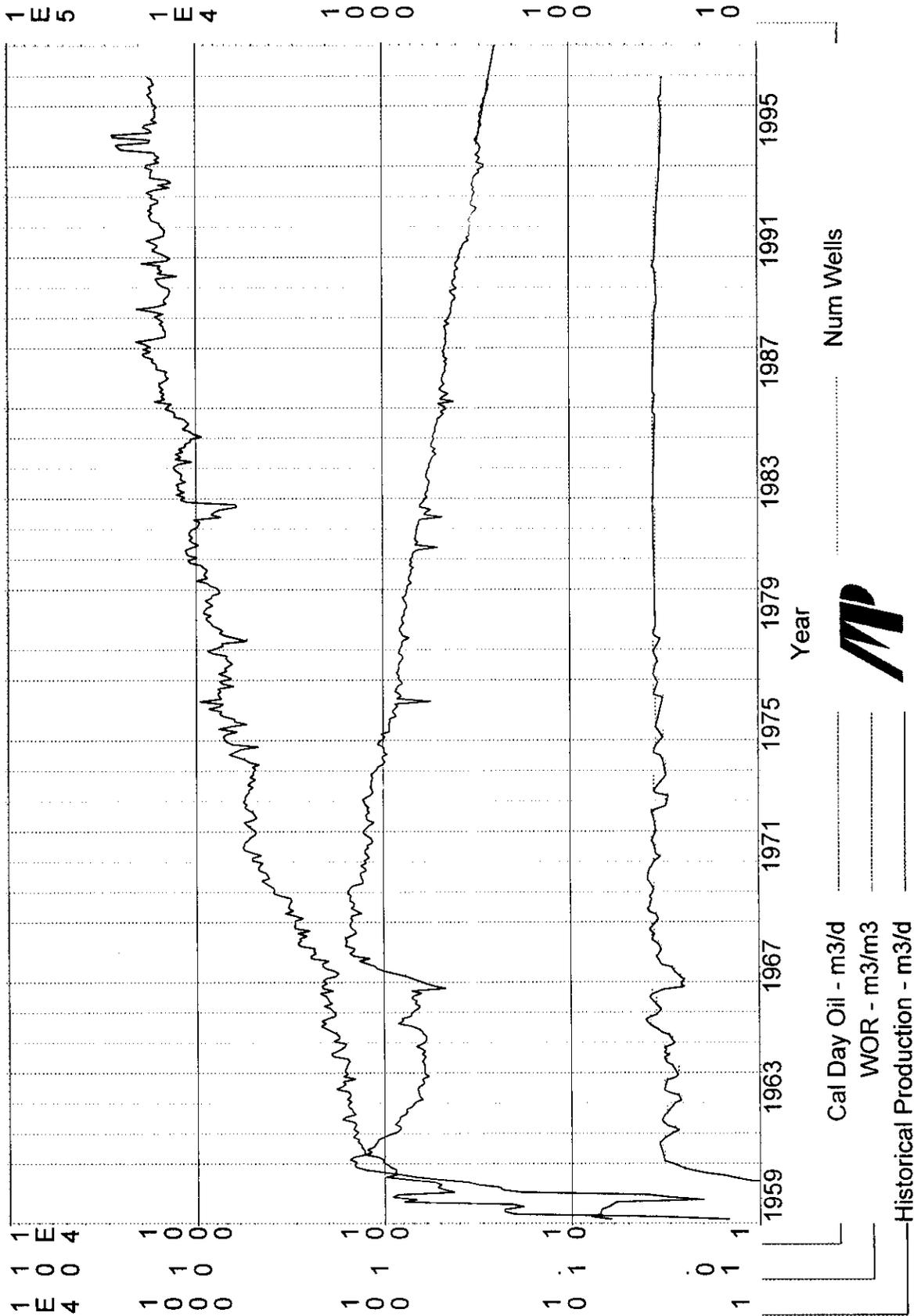
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Production Report

Group : VRU No. 2
 Well : VRU No. 2
 : 000000210
 Hist.Data : 02/59-12/96
 Operator :
 Field :

Date : 8/28/97 2:57:55 pm
 User : Ludwig
 On Prod : 01/00
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	28.2677	
Feb., 1994	31.0821	
Mar., 1994	30.1645	
Apr., 1994	29.83	
May., 1994	31.3742	
Jun., 1994	30.17	
Jul., 1994	29.8936	
Aug., 1994	29.5419	
Sep., 1994	30.0667	31.1894
Oct., 1994	30.9129	31.0081
Nov., 1994	31.7467	30.8278
Dec., 1994	30.8548	30.6487
Jan., 1995	30.3194	30.4705
Feb., 1995	29.9607	30.2934
Mar., 1995	30.0097	30.1173
Apr., 1995	29.6433	29.9423
May., 1995	28.9581	29.7683
Jun., 1995	30.1133	29.5952
Jul., 1995	29.3806	29.4232
Aug., 1995	29.3806	29.2522
Sep., 1995	29.9633	29.0822
Oct., 1995	29.4742	28.9132
Nov., 1995	28.6033	28.7451
Dec., 1995	29.471	28.578
Jan., 1996	28.8065	28.3343 †
Feb., 1996	28.2241	28.1696 †
Mar., 1996	28.5194	28.0059 †
Apr., 1996	27.8967	27.8431 †
May., 1996	27.4677	27.6813
Jun., 1996	27.3733	27.5204
Jul., 1996	26.7806	27.3604
Aug., 1996	26.8677	27.2014
Sep., 1996	26.6867	27.0433
Oct., 1996	27.3452	26.8861 *
Nov., 1996	26.78	26.7298 †
Dec., 1996	26.6097	26.5745 *
Jan., 1997		26.4924
Feb., 1997		26.3384
Mar., 1997		26.1853
Apr., 1997		26.0331
May., 1997		25.8818
Jun., 1997		25.7314