



Energy and Mines

Petroleum and Energy Branch

1395 Ellice Avenue Suite 360
Winnipeg MB R3G 3P2
CANADA

PH: (204) 945-6577
PH: (204) 945-3760
FAX: (204) 945-0586

26-March-98

Mr. Joe Taylor
Petroleum Engineer
Chevron Canada Resources
500-5th Ave. SW
Calgary AB T2P 0L7

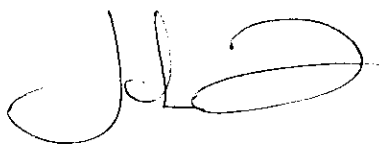
Dear Mr. Taylor:

Re: Virden Roselea Unit No. 1 – Revised Unit Decline Rate

The Branch has revised the unit decline rate for VRU No. 1 to include production from the 12-23-10-26 well. The analysis resulted in a change in the unit decline rate from 7.14% p.a. to 7.01% p.a. The Branch used the same evaluation period, Oct/87 to Sep/97, as used in the original analysis to determine the revised decline rate. The revised decline rate has been used to recalculate VRU No. 1 production for determination of new oil, starting in March 1998 (see Attachment No. 1).

Please review the Branch's decline analysis and provide me with your comments on the revised unit decline rate for VRU No. 1.

Yours truly,



John Fox, P.Eng.
Chief Petroleum Engineer

cc: Administration

ATTACHMENT NO. 1
HISTORICAL PRODUCTION DECLINE FOR
DETERMINATION OF NEW OIL

YEAR	MONTH	VRU NO. 1 Production		VRU NO. 2 Production		VRU NO. 3 Production	
		Exp. Decline Rate = 7.01%/yr		Exp. Decline Rate = 6.15%/yr		Exp. Decline Rate = 5.49%/yr	
		Daily (m3/d)	Monthly (m3)	Daily (m3/d)	Monthly (m3)	Daily (m3/d)	Monthly (m3)
1997	October	53.9	1671.3	24.5	761.0	53.4	1656.2
	November	53.6	1607.5	24.4	732.6	53.2	1595.2
	December	53.3	1650.8	24.3	753.0	52.9	1640.7
1998	January	52.9	1640.7	24.2	749.0	52.7	1633.0
	February	52.6	1472.8	24.0	673.0	52.4	1468.0
	March	55.6	1723.4	23.9	741.1	52.2	1617.7
	April	55.3	1657.7	23.8	713.4	51.9	1558.2
	May	54.9	1702.6	23.7	733.3	51.7	1602.6
	June	54.6	1637.7	23.5	705.9	51.5	1543.6
	July	54.3	1682.1	23.4	725.6	51.2	1587.6
	August	53.9	1672.0	23.3	721.8	51.0	1580.1
	September	53.6	1608.2	23.2	694.8	50.7	1522.0
	October	53.3	1651.8	23.0	714.2	50.5	1565.3
	November	53.0	1588.9	22.9	687.5	50.3	1507.7
	December	52.6	1631.9	22.8	706.7	50.0	1550.7
1999	January	52.3	1622.1	22.7	702.9	49.8	1543.4
	February	52.0	1456.2	22.6	631.5	49.6	1387.5
	March	51.7	1602.5	22.4	695.5	49.3	1529.0
	April	51.4	1541.5	22.3	669.5	49.1	1472.7
	May	51.1	1583.2	22.2	688.2	48.9	1514.7
	June	50.8	1522.9	22.1	662.5	48.6	1458.9
	July	50.5	1564.1	22.0	680.9	48.4	1500.5
	August	50.2	1554.7	21.9	677.4	48.2	1493.4
	September	49.8	1495.5	21.7	652.0	47.9	1438.5
	October	49.5	1536.0	21.6	670.2	47.7	1479.5
	November	49.2	1477.4	21.5	645.2	47.5	1425.0
	December	49.0	1517.5	21.4	663.2	47.3	1465.6
2000	January	48.7	1508.3	21.3	659.7	47.1	1458.8
	February	48.4	1402.5	21.2	613.8	46.8	1358.2
	March	48.1	1490.1	21.1	652.7	46.6	1445.1
	April	47.8	1433.4	20.9	628.3	46.4	1391.9
	May	47.5	1472.2	20.8	645.8	46.2	1431.6
	June	47.2	1416.1	20.7	621.7	46.0	1378.9
	July	46.9	1454.5	20.6	639.0	45.7	1418.2
	August	46.6	1445.7	20.5	635.7	45.5	1411.5
	September	46.4	1390.6	20.4	611.9	45.3	1359.6
	October	46.1	1428.3	20.3	629.0	45.1	1398.3
	November	45.8	1373.8	20.2	605.5	44.9	1346.9
	December	45.5	1411.0	20.1	622.3	44.7	1385.2

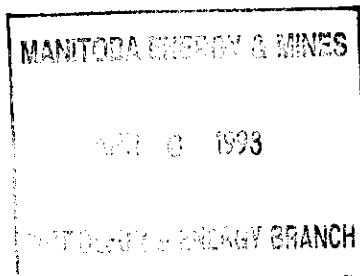
ATTACHMENT NO. 1
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YEAR	MONTH	VRU NO. 1 Production		VRU NO. 2 Production		VRU NO. 3 Production	
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		Daily (m3/d)	Monthly (m3)	Daily (m3/d)	Monthly (m3)	Daily (m3/d)	Monthly (m3)
2001	January	45.2	1402.5	20.0	619.1	44.5	1378.7
	February	45.0	1259.1	19.9	556.2	44.3	1239.5
	March	44.7	1385.6	19.8	612.5	44.1	1365.8
	April	44.4	1332.8	19.7	589.6	43.9	1315.6
	May	44.2	1368.9	19.6	606.1	43.6	1353.1
	June	43.9	1316.8	19.4	583.4	43.4	1303.3
	July	43.6	1352.4	19.3	599.7	43.2	1340.4
	August	43.4	1344.3	19.2	596.5	43.0	1334.1
	September	43.1	1293.1	19.1	574.2	42.8	1285.0
	October	42.8	1328.1	19.0	590.3	42.6	1321.6
	November	42.6	1277.5	18.9	568.2	42.4	1273.0
	December	42.3	1312.1	18.8	584.0	42.2	1309.3
2002	January	42.1	1304.2	18.7	581.0	42.0	1303.1
	February	41.8	1170.8	18.6	522.0	41.8	1171.5
	March	41.6	1288.5	18.5	574.8	41.6	1290.9
	April	41.3	1239.4	18.4	553.4	41.4	1243.4
	May	41.1	1272.9	18.3	568.8	41.3	1278.8
	June	40.8	1224.4	18.3	547.5	41.1	1231.8
	July	40.6	1257.6	18.2	562.8	40.9	1266.9
	August	40.3	1250.0	18.1	559.8	40.7	1260.9
	September	40.1	1202.4	18.0	538.9	40.5	1214.5
	October	39.8	1234.9	17.9	553.9	40.3	1249.1
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	December	39.4	1220.1	17.7	548.1	39.9	1237.4
Revised: 25-MAR-98							



April 1, 1998

Manitoba Energy and Mines
Attention: Mr. Fox
1395 Ellice Avenue, Suite 360
Winnipeg, Manitoba
R3G 3P2



Chevron Canada Resources
500 - 5th Ave. S.W.
Calgary, AB T2P 0L7

Western Canada Business Unit

W. J. (Joe) Taylor
Petroleum Engineer
Phone No. 403-234-5780
Fax No. 403-234-5124

RE: VIRDEN ROSELEA UNIT #1 REVISED BASE DECLINE RATE

Dear Mr. Fox:

The following discussion is submitted in response to your correspondence dated 98-03-26. Upon reviewing your comments and calculations regarding the recent unit enlargement, Chevron Canada Resources as operator of the above mentioned unit, supports your calculations to revise the base production decline rate to 7.01% p.a. for Virden Roselea Unit #1. A summary of the calculated declines (Petroleum Branch's and Chevron's) is detailed as follows:

	Base Decline Rate (p.a.)	Analysis Period
Chevron	7.02	87-10 to 97-10
Petroleum Branch	7.01	87-10 to 97-10

If you have any questions or concerns regarding this submission, please contact me at (403)-234-5780 or at the above letterhead address.

Sincerely,

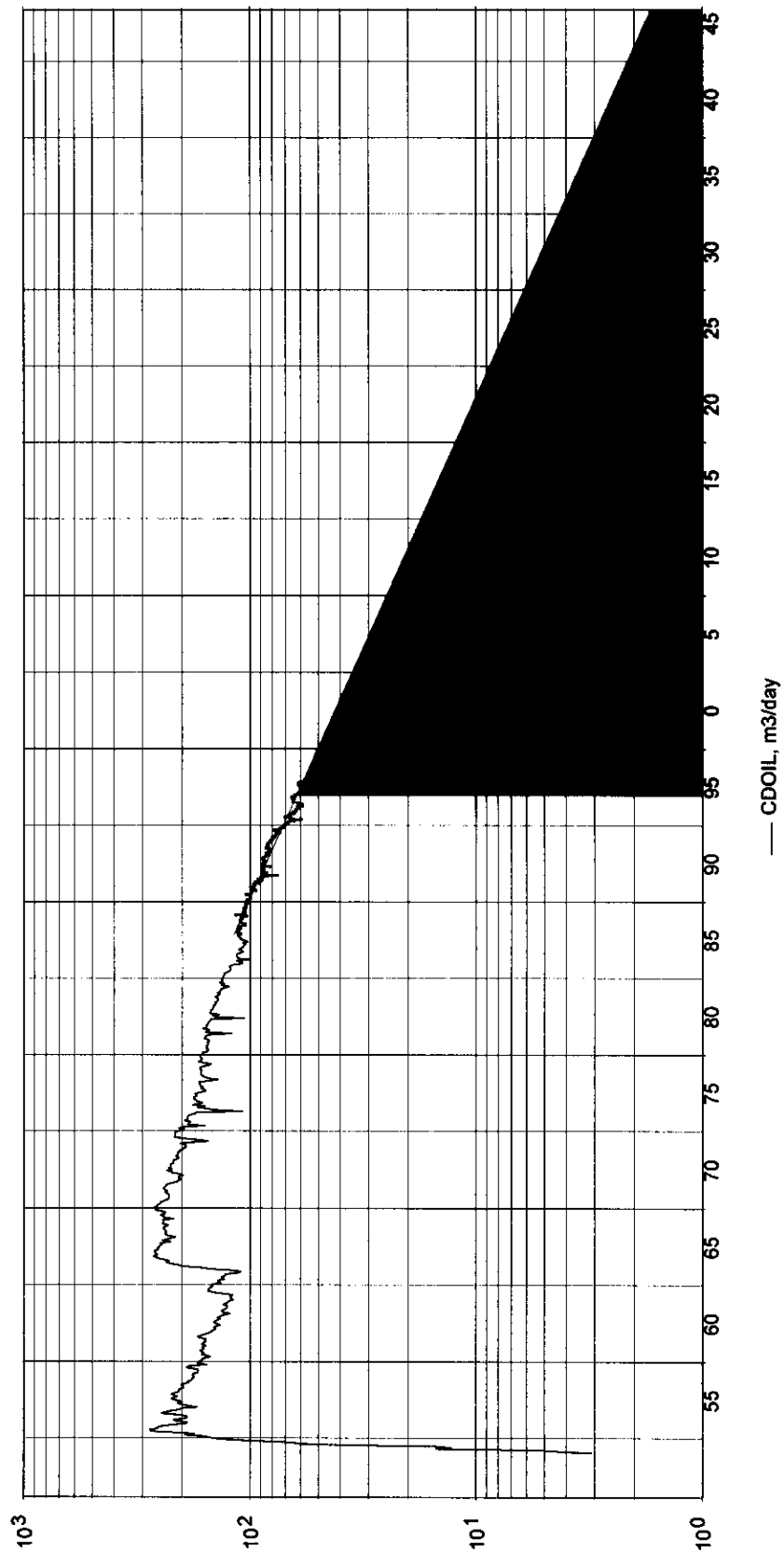
W.J. (Joe) Taylor
Petroleum Engineer

Attachment

pc: G.R. (Bob) MacDougall (Calgary)
C.B. (Brett) Rishel (Virden)
D.C. (Dale) Lewis (Virden)
Producing Records - Applications

Viriden Roselea Unit #1

Base Decline Submission (Includes 12-23)



Decline Stream: CDOIL
 Fit Decline, 1/yr: Exp, 0.0702
 Forecast Decline, 1/yr: Exp, 0.0702
 Begin Date, Rate: 12/1/96, 62.21
 End Date, Rate, Yrs: 12/1/2050, 1.40, 54.00
 Remaining: 316294.79



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26-March-98

Mr. Joe Taylor
Petroleum Engineer
Chevron Canada Resources
500-5th Ave. SW
Calgary AB T2P 0L7

Dear Mr. Taylor:

Re: Virden Roselea Unit No. 1 – Revised Unit Decline Rate

The Branch has revised the unit decline rate for VRU No. 1 to include production from the 12-23-10-26 well. The analysis resulted in a change in the unit decline rate from 7.14% p.a. to 7.01% p.a. The Branch used the same evaluation period, Oct/87 to Sep/97, as used in the original analysis to determine the revised decline rate. The revised decline rate has been used to recalculate VRU No. 1 production for determination of new oil, starting in March 1998 (see Attachment No. 1).

Please review the Branch's decline analysis and provide me with your comments on the revised unit decline rate for VRU No. 1.

Yours truly,

A handwritten signature in black ink, appearing to be 'J. Fox'.

John Fox, P.Eng.
Chief Petroleum Engineer

cc: Administration

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2001	January	45.2	1402.5	20.0	619.1	44.5	1378.7
	February	45.0	1259.1	19.9	556.2	44.3	1239.5
	March	44.7	1385.6	19.8	612.5	44.1	1365.8
	April	44.4	1332.8	19.7	589.6	43.9	1315.6
	May	44.2	1368.9	19.6	606.1	43.6	1353.1
	June	43.9	1316.8	19.4	583.4	43.4	1303.3
	July	43.6	1352.4	19.3	599.7	43.2	1340.4
	August	43.4	1344.3	19.2	596.5	43.0	1334.1
	September	43.1	1293.1	19.1	574.2	42.8	1285.0
	October	42.8	1328.1	19.0	590.3	42.6	1321.6
	November	42.6	1277.5	18.9	568.2	42.4	1273.0
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	May	41.1	1272.9	18.3	568.8	41.3	1278.8
	June	40.8	1224.4	18.3	547.5	41.1	1231.8
	July	40.6	1257.6	18.2	562.8	40.9	1266.9
	August	40.3	1250.0	18.1	559.8	40.7	1260.9
	September	40.1	1202.4	18.0	538.9	40.5	1214.5
	October	39.8	1234.9	17.9	553.9	40.3	1249.1
	November	39.6	1187.9	17.8	533.2	40.1	1203.2
	December	39.4	1220.1	17.7	548.1	39.9	1237.4
		Revised: 25-MAR-98					

Manitoba

Action/Route Slip

DATE: March 26, 1998

TO: Bob Dubreuil

FROM: John Fox

Telephone: 945-6574

SUBJECT: VRU No. 1 - New Oil Status

As a result of the enlargement of VRU No. 1, to include the 12-23-10-26 well, the historical unit production forecast upon which new oil status is based will have to be revised.

Recommendations

It is recommended that the unit decline rate for VRU No. 1 be changed from 7.14% p.a. to 7.01% p.a. to reflect the historical performance of the 12-23 well. Attached is the Branch's proposed letter to Chevron requesting the company review and comment on the revised unit decline rate. The revised decline rate will be used to calculate historical unit production starting in March 1998.

Discussion

Two methods for revising the unit decline rate were reviewed:

- 1) Using the same evaluation period, Oct/87 to Sep/97, recalculate the unit decline rate including production from the 12-23 well;
- 2) Determine a production decline rate for the 12-23 well and add the well's forecast production to the currently approved historical unit production.

With the addition of the 12-23 well, the recalculated decline rate for VRU No. 1 over the period, Oct/87 to Sep/97, is 7.01% p.a., a slight decrease from the currently approved rate of 7.14% p.a. The decline curve analysis is shown on Figure 1.

In September 1987, the 12-23 well was reactivated after being shut-in for almost 2 years. The calculated decline rate for the well over the period, Sep /87 to Sep/97, is 6.78% p.a. The decline curve analysis is shown on Figure 2.

Table 1 compares the historical unit production determined by the two methods. There is less than 0.6 m³/d difference in the historical unit production calculated using the two methods. The revised unit decline rate of 7.01% p.a. results in slightly higher historical production and is therefore more favourable to the Branch. The revised unit decline rate also more closely matches current production from the 12-23 well. Average production for 12-23 over the last 3 months (Nov/97-Jan/98) is 3.8 m³/d. Using the revised unit decline rate, production of 3.3 m³/d can be attributed to the 12-23 well over the same period. Decline curve analysis for 12-23 results in production of 2.8 m³/d over the same period

It is recommended that the revised unit decline rate of 7.01% p.a. be used to determine historical unit production for VRU No. 1. Attached is a proposed letter to Chevron requesting the company review and comment on the revised unit decline rate. The new decline rate will be used to calculate historical unit production starting in March 1998.

A handwritten signature in black ink, consisting of a large, stylized 'J' followed by a smaller 'L'.

Table 1 - VRU No. 1 Revised Decline Rate				
Year	Approved Historical Prod. (m3/d)	12-23 Production (m3/d)	Approved Historical Prod. (m3/d) + 12-23 Production (m3/d)	Revised Historical Prod. (m3/d) including 12-23
	Exp. Decline Rate = 7.14%/yr	Exp. Decline Rate = 6.78%/yr		Exp. Decline Rate = 7.01%/yr
Mar-98	52.3	2.8	55.1	55.6
Jun-98	51.3	2.8	54.1	54.6
Sep-98	50.4	2.7	53.1	53.6
Dec-98	49.5	2.7	52.2	52.6
Jun-99	47.7	2.6	50.3	50.8
Dec-99	45.9	2.5	48.4	48.9
Dec-00	42.6	2.3	44.9	45.4
Dec-01	39.6	2.2	41.8	42.3
Dec-02	36.8	2	38.8	39.4

Historical Production (Rate-Time)

qi: 119,301 m3/d, Oct, 1987
 qf: 0.0885679 m3/d, Oct, 2086
 di(Exp): 7.01416 CTD: 2.45688e+06 m3
 RR: 288911 m3 Tot: 2.74579e+06 m3

Production Cums
 Oil: 2.45688e+06 m3
 Gas: 0 E6m3
 Water: 9.77883e+06 m3
 Cond: 0 m3

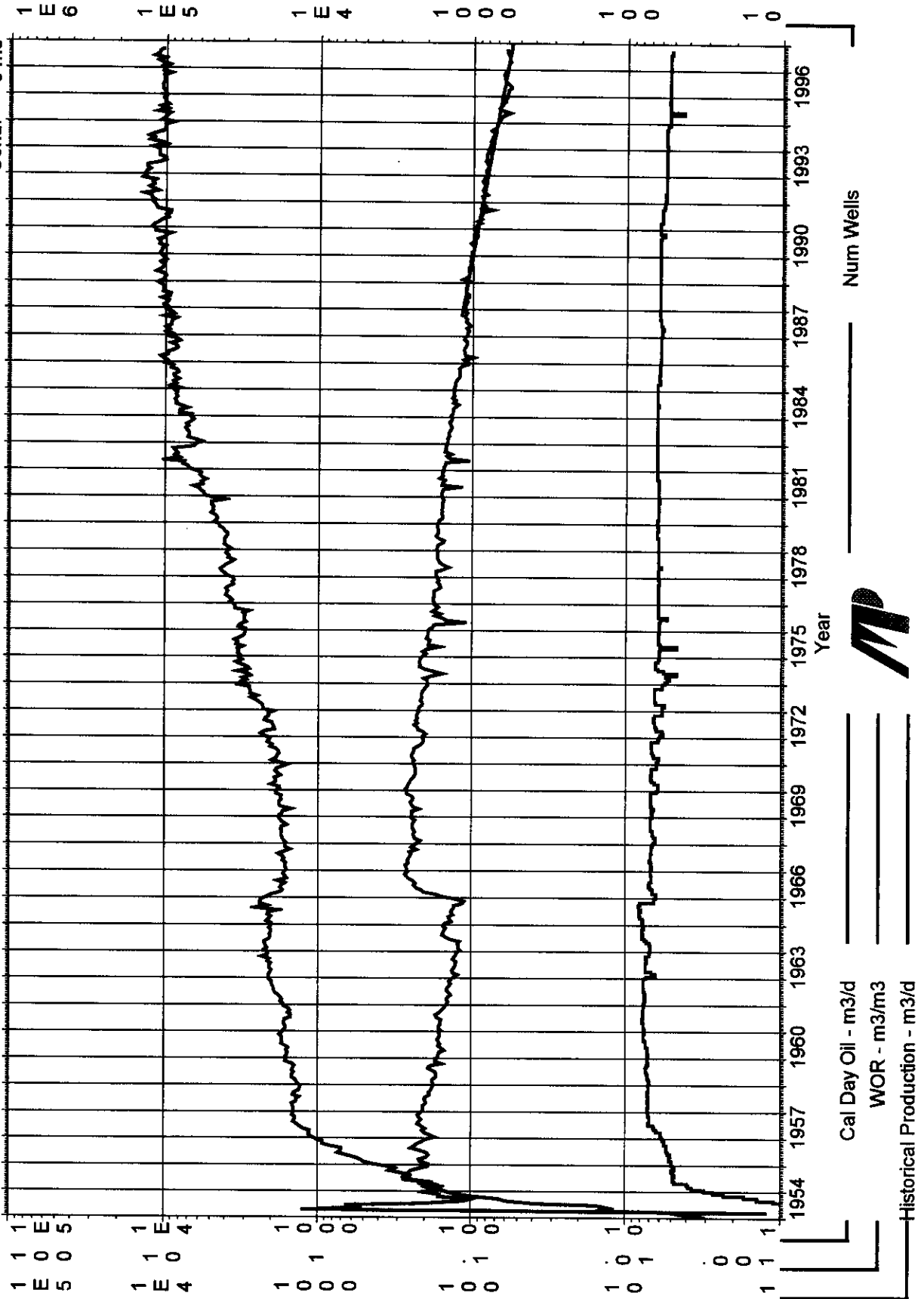


Fig. 1

Gentry Virden 12-23-10-26W1 (00/12-23-010-26W1/0) Data 07/54-09/97

Avg Daily Oil FC 1 (Rate-Time)

qi: 5.92301 m3/d, Sep, 1987

qf: 0.199447 m3/d, Dec, 2035

dl(Exp): 6.7755 CTD: 77984.4 m3

RR: 13931.8 m3 Tot: 91916.3 m3

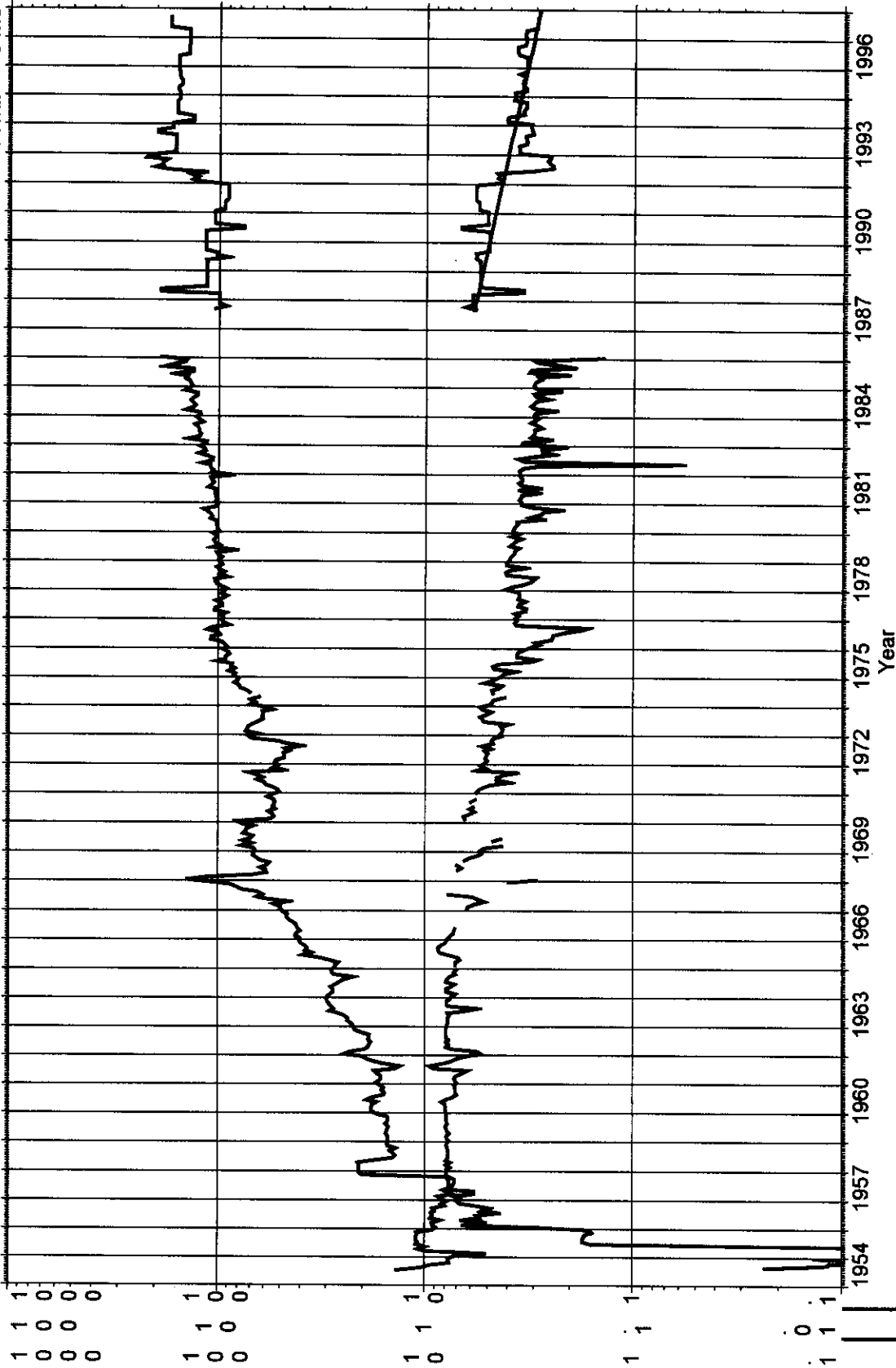
Production Cums

Oil: 77984.4 m3

Gas: 0 E6m3

Water: 492656 m3

Cond: 0 m3



Avg Daily Oil - m3/d

WOR - m3/m3

Avg Daily Oil FC 1 - m3/d



Fig. 2

25-MAR-98

Manitoba Energy and Mines

Report PPS1520

Page: 1

Well Production Record

1997

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 0
 Operator 96 Gentry
 UWI 100.12-23-010-26W1.00
 Licence 489

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	13864.0	77126.8	479174.0	
Jan	31.0	104.2	1453.5	
Feb	28.0	94.9	1323.5	
Mar	31.0	104.2	1453.5	
Apr	30.0	100.8	1406.2	
May	31.0	91.9	1589.7	
Jun	30.0	88.9	1538.0	
Jul	31.0	91.9	1589.7	
Aug	31.0	91.9	1589.7	
Sep	30.0	88.9	1538.1	
Oct	31.0	91.9	1589.8	
Nov	30.0	113.0	1502.4	
Dec	31.0	116.8	1552.9	
Ytd	365.0	1179.3	18127.0	
Cum To Date	14229.0	78306.1	497301.0	

Status Date

20-JUL-54

UWI Status

COOP

Days

31

Jan/98

Oil

116.8

H₂O

1552.9

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 3/25/98 9:16:16 am
Well	: Gentry Virden 12-23-10-26W1	User	: Ludwig
	: 00/12-23-010-26W1/0		
Hist.Data	: 07/54-09/97	On Prod	: 01/00
Operator	:	Status	: Unknown
Field	: 5	Zone	: 59B

Production Data from December, 1996 to December, 2002

Year	Avg Daily Oil m3/d	Cal Day Oil m3/d	Avg Daily Oil FC 1 m3/d
Dec., 1996	3.36129	3.36129	3.06879
Jan., 1997	3.36129	3.36129	3.05926
Feb., 1997	3.38929	3.38929	3.04142
Mar., 1997	3.36129	3.36129	3.02369
Apr., 1997	3.36	3.36	3.00607
May., 1997	2.96452	2.96452	2.98854
Jun., 1997	2.96333	2.96333	2.97112
Jul., 1997	2.96452	2.96452	2.9538
Aug., 1997	2.96452	2.96452	2.93658
Sep., 1997	2.96333	2.96333	2.91946
Oct., 1997	2.96		2.90244
Nov., 1997	3.77		2.88552
Dec., 1997	3.77		2.8687
Jan., 1998	3.77		2.85198
Feb., 1998			2.83535
Mar., 1998			2.81882
Apr., 1998			2.80239
May., 1998			2.78605
Jun., 1998			2.76981
Jul., 1998			2.75367
Aug., 1998			2.73761
Sep., 1998			2.72165
Oct., 1998			2.70579
Nov., 1998			2.69001
Dec., 1998			2.67433
Jan., 1999			2.65874
Feb., 1999			2.64324
Mar., 1999			2.62783
Apr., 1999			2.61252
May., 1999			2.59729
Jun., 1999			2.58214
Jul., 1999			2.56709
Aug., 1999			2.55213
Sep., 1999			2.53725
Oct., 1999			2.52246
Nov., 1999			2.50775
Dec., 1999			2.49313
Jan., 2000			2.47183
Feb., 2000			2.45742
Mar., 2000			2.44309
Apr., 2000			2.42885
May., 2000			2.41469
Jun., 2000			2.40061
Jul., 2000			2.38662

only
well is ~ tested
quarterly

Production Report

Group : VRU No. 1 (excluding new wells) Date : 3/25/98 9:16:17 am
 Well : Gentry Virden 12-23-10-26W1 User : Ludwig
 : 00/12-23-010-26W1/0

Production Data from December, 1996 to December, 2002 (cont.)

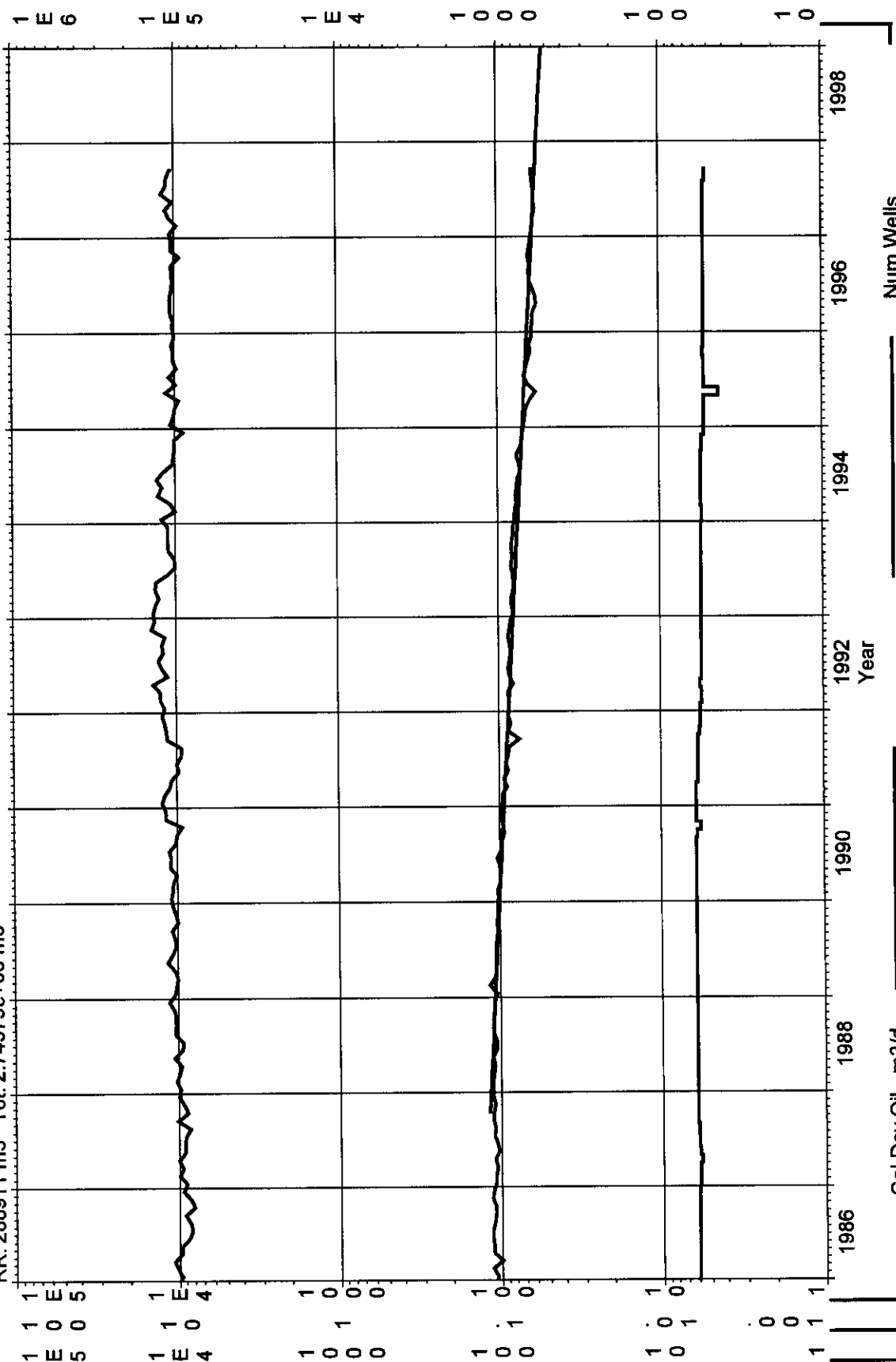
Year	Avg Daily Oil m3/d	Cal Day Oil m3/d	Avg Daily Oil FC 1 m3/d
Aug., 2000			2.37271
Sep., 2000			2.35888
Oct., 2000			2.34512
Nov., 2000			2.33145
Dec., 2000			2.31786
Jan., 2001			2.31066
Feb., 2001			2.29719
Mar., 2001			2.2838
Apr., 2001			2.27049
May., 2001			2.25725
Jun., 2001			2.24409
Jul., 2001			2.23101
Aug., 2001			2.218
Sep., 2001			2.20507
Oct., 2001			2.19222
Nov., 2001			2.17944
Dec., 2001			2.16673
Jan., 2002			2.1541
Feb., 2002			2.14155
Mar., 2002			2.12906
Apr., 2002			2.11665
May., 2002			2.10431
Jun., 2002			2.09204
Jul., 2002			2.07985
Aug., 2002			2.06772
Sep., 2002			2.05567
Oct., 2002			2.04369
Nov., 2002			2.03177
Dec., 2002			2.01993

VRU No. 1 Old Oil Wells Data 01/54-09/97

Historical Production (Rate-Time)

qi: 119.301 m3/d, Oct, 1987
 qf: 0.0885679 m3/d, Oct, 2086
 di(Exp): 7.01416 CTD: 2.45688e+06 m3
 RR: 288911 m3 Tot: 2.74579e+06 m3

Production Cums
 Oil: 2.45688e+06 m3
 Gas: 0 E6m3
 Water: 9.77883e+06 m3
 Cond: 0 m3



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

Num Wells

Production Report

Group : VRU No. 1 (excluding new wells)
 Well : VRU No. 1 Old Oil Wells
 : 000000218
 Hist.Data : 01/54-09/97
 Operator :
 Field :

Date : 3/25/98 10:04:41 am
 User : Ludwig
 On Prod : 02/09
 Status : Unknown
 Zone :

Production Data from January, 1996 to December, 2003

Year	Cal Day Oil m3/d	Monthly Oil m3	Historical Production m3/d	GOR m3/m3
Jan., 1996	61.0806	1893.5	64.9025	
Feb., 1996	59.9552	1738.7	64.5104	
Mar., 1996	60.3161	1869.8	64.1206	
Apr., 1996	57.1367	1714.1	63.7332	
May., 1996	57.5936	1785.4	63.3481	
Jun., 1996	60.15	1804.5	62.9654	
Jul., 1996	63.0129	1953.4	62.5849	
Aug., 1996	63.0516	1954.6	62.2068	
Sep., 1996	62.62	1878.6	61.831	
Oct., 1996	64.0226	1984.7	61.4574	
Nov., 1996	63.4367	1903.1	61.0861	
Dec., 1996	61.8774	1918.2	60.717	
Jan., 1997	60.8355	1885.9	60.5155	
Feb., 1997	60.0821	1682.3	60.1499	
Mar., 1997	59.7935	1853.6	59.7864	
Apr., 1997	58.0833	1742.5	59.4252	
May., 1997	59.1742	1834.4	59.0662	
Jun., 1997	58.8733	1766.2	58.7093	
Jul., 1997	59.7774	1853.1	58.3546	
Aug., 1997	60.4032	1872.5	58.002	
Sep., 1997	60.9633	1828.9	57.6516	
Oct., 1997			57.3032	
Nov., 1997			56.957	
Dec., 1997			56.6129	
Jan., 1998			56.2708	
Feb., 1998			55.9308	
Mar., 1998			55.5929	
Apr., 1998			55.257	
May., 1998			54.9232	
Jun., 1998			54.5913	
Jul., 1998			54.2615	
Aug., 1998			53.9337	
Sep., 1998			53.6078	
Oct., 1998			53.2839	
Nov., 1998			52.962	
Dec., 1998			52.642	
Jan., 1999			52.3239	
Feb., 1999			52.0078	
Mar., 1999			51.6935	
Apr., 1999			51.3812	
May., 1999			51.0708	
Jun., 1999			50.7622	
Jul., 1999			50.4555	
Aug., 1999			50.1507	

Production Report

Group : VRU No. 1 (excluding new wells)	Date : 3/25/98 10:04:41 am
Well : VRU No. 1 Old Oil Wells	User : Ludwig
: 000000218	

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

Year	Cal Day Oil m3/d	Monthly Oil m3	Historical Production m3/d	GOR m3/m3
Sep., 1999			49.8477	
Oct., 1999			49.5465	
Nov., 1999			49.2471	
Dec., 1999			48.9496	
Jan., 2000			48.5209	
Feb., 2000			48.2277	
Mar., 2000			47.9363	
Apr., 2000			47.6467	
May., 2000			47.3588	
Jun., 2000			47.0727	
Jul., 2000			46.7883	
Aug., 2000			46.5056	
Sep., 2000			46.2246	
Oct., 2000			45.9453	
Nov., 2000			45.6677	
Dec., 2000			45.3918	
Jan., 2001			45.2412	
Feb., 2001			44.9678	
Mar., 2001			44.6961	
Apr., 2001			44.4261	
May., 2001			44.1577	
Jun., 2001			43.8909	
Jul., 2001			43.6257	
Aug., 2001			43.3621	
Sep., 2001			43.1001	
Oct., 2001			42.8397	
Nov., 2001			42.5809	
Dec., 2001			42.3236	
Jan., 2002			42.0679	
Feb., 2002			41.8137	
Mar., 2002			41.5611	
Apr., 2002			41.31	
May., 2002			41.0604	
Jun., 2002			40.8123	
Jul., 2002			40.5657	
Aug., 2002			40.3206	
Sep., 2002			40.077	
Oct., 2002			39.8349	
Nov., 2002			39.5942	
Dec., 2002			39.355	
Jan., 2003			39.1172	
Feb., 2003			38.8808	
Mar., 2003			38.6459	
Apr., 2003			38.4124	
May., 2003			38.1803	
Jun., 2003			37.9497	
Jul., 2003			37.7204	
Aug., 2003			37.4925	

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 3/25/98 10:04:41 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	GOR m3/m3
Sep., 2003			37.2659	
Oct., 2003			37.0408	
Nov., 2003			36.817	
Dec., 2003			36.5945	

VRU No. 1 Old Oil Wells Data 01/54-09/97

Historical Production (Rate-Time)

qi: 113.788 m3/d, Oct, 1987

qf: 0.0738676 m3/d, Oct, 2086

di(Exp): 7.14 CTD: 2.37362e+06 m3

RR: 271927 m3 Tot: 2.64554e+06 m3

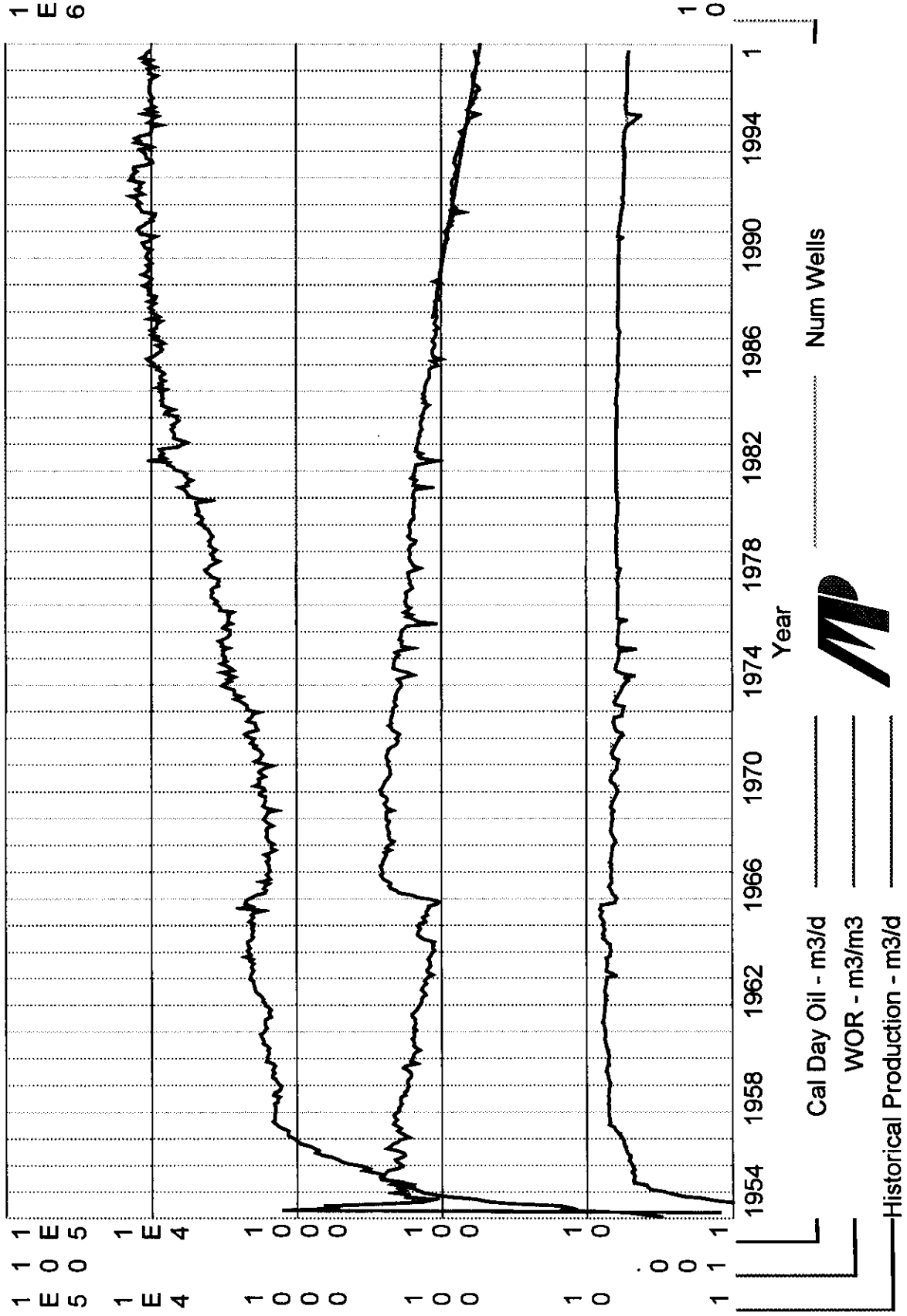
Production Cums

Oil: 2.3789e+06 m3

Gas: 0 E6m3

Water: 9.28617e+06 m3

Cond: 0 m3



VRU No. 1 Old Oil Wells Data 01/54-09/97

Historical Production (Rate-Time)

qi: 113.788 m3/d, Oct, 1987

qf: 0.0738676 m3/d, Oct, 2086

di(Exp): 7.14 CTD: 2.37362e+06 m3

RR: 271927 m3 Tot: 2.64554e+06 m3

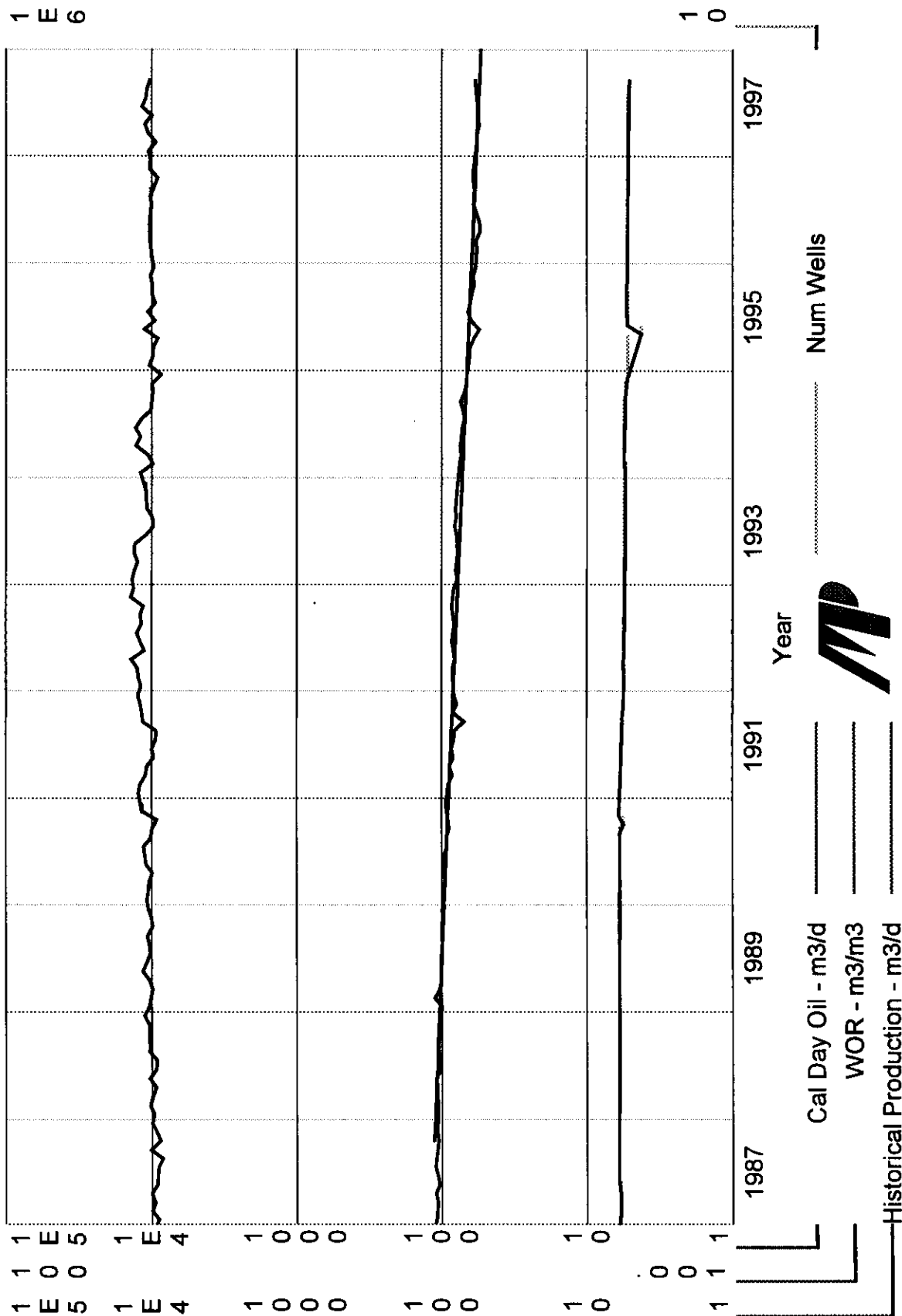
Production Cums

Oil: 2.3789e+06 m3

Gas: 0 E6m3

Water: 9.28617e+06 m3

Cond: 0 m3



Production Report

Group : VRU No. 1
Well : VRU No. 1
 : 000000209
Hist.Data : 01/54-09/97
Operator :
Field :

Date : January 9, 1998 9:36:51 am
User : Ludwig
On Prod : 02/09
Status : Unknown
Zone :

Production Data from January, 1997 to September, 1997

Year	Monthly Oil m3	Cal Day Oil m3/d	PRODUCTION NEW OIL WELLS	7.14% decline NEW WELL PROD. + NEW OIL FROM HISTORICAL DECLINE
Jan., 1997	2327.7	75.0871	17.6	17.6
Feb., 1997	2068.7	73.8821	17.2	17.2
Mar., 1997	2279	73.5161	17.1	17.1
Apr., 1997	2144.4	71.48	16.8	16.8
May., 1997	2257.3	72.8161	16.6	16.6
Jun., 1997	2133.4	71.1133	15.2	15.2
Jul., 1997	2151.5	69.4032	12.6	14.5
Aug., 1997	2162.9	69.771	12.3	13.1
Sep., 1997	2094.7	69.8233	12.4	16.1

10-29-10-26
NOTE: H2NTE WELL ON
PRODUCTION - OCT 24

Production Report

Group	: VRU No. 1 Injection	Date	: January 9, 1998 9:35:29 am
Well	: VRU No. 1 Injection	User	: Ludwig
	: 000000215		
Hist.Data	: 04/58-09/97	On Prod	: 01/00
Operator	:	Status	: Inj
Field	:	Zone	:

Production Data from January, 1996 to September, 1997

Year	Month Water Inj m3
Jan., 1996	20004
Feb., 1996	18350
Mar., 1996	20357
Apr., 1996	18817
May., 1996	19994
Jun., 1996	19609
Jul., 1996	20777
Aug., 1996	21012
Sep., 1996	20239
Oct., 1996	18929
Nov., 1996	21268
Dec., 1996	20448
Jan., 1997	20656
Feb., 1997	16652
Mar., 1997	20430
Apr., 1997	20219
May., 1997	19398.7
Jun., 1997	21610.8
Jul., 1997	21182.4
Aug., 1997	21235.9
Sep., 1997	19655.6

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: January 9, 1998 9:26:21 am
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-09/97	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	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	57.7677	1790.8	61.2087	52	
Feb., 1996	56.6448	1642.7	60.8321	52	
Mar., 1996	57.1226	1770.8	60.4577	52	
Apr., 1996	53.8233	1614.7	60.0856	52	
May., 1996	54.2548	1681.9	59.7159	52	
Jun., 1996	56.5233	1695.7	59.3484	52	
Jul., 1996	59.3355	1839.4	58.9831	52	
Aug., 1996	59.3742	1840.6	58.6201	52	
Sep., 1996	58.94	1768.2	58.2594	52	
Oct., 1996	60.6355	1879.7	57.9009	52	
Nov., 1996	60.0767	1802.3	57.5445	52	
Dec., 1996	58.5161	1814	57.1904	52	
Jan., 1997	57.4742	1781.7	56.9942	52	
Feb., 1997	56.6929	1587.4	56.6434	52	
Mar., 1997	56.4323	1749.4	56.2948	52	
Apr., 1997	54.7233	1641.7	55.9484	52	
May., 1997	56.2097	1742.5	55.6041	52	
Jun., 1997	55.91	1677.3	55.2619	52	
Jul., 1997	56.8129	1761.2	54.9218	52	
Aug., 1997	57.4387	1780.6	54.5838	51	
Sep., 1997	58	1740	54.2479	51	
Oct., 1997			53.914		
Nov., 1997			53.5822		
Dec., 1997			53.2525		
Jan., 1998			52.9248		
Feb., 1998			52.5991		
Mar., 1998			52.2754		
Apr., 1998			51.9537		
May., 1998			51.6339		
Jun., 1998			51.3162		
Jul., 1998			51.0004		
Aug., 1998			50.6865		
Sep., 1998			50.3746		
Oct., 1998			50.0646		
Nov., 1998			49.7565		
Dec., 1998			49.4503		
Jan., 1999			49.146		
Feb., 1999			48.8435		
Mar., 1999			48.5429		
Apr., 1999			48.2442		
May., 1999			47.9473		
Jun., 1999			47.6522		
Jul., 1999			47.359		
Aug., 1999			47.0675		

NEW OIL FROM
HISTORICAL PROD DEC
1.9
2.4
3.8

Production Report

Group : VRU No. 1 (excluding new wells) Date : January 9, 1998 9:26:21 am
Well : VRU No. 1 Old Oil Wells User : Ludwig
: 000000218

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			46.7778	
Oct., 1999			46.49	
Nov., 1999			46.2039	
Dec., 1999			45.9195	
Jan., 2000			45.5122	
Feb., 2000			45.2321	
Mar., 2000			44.9538	
Apr., 2000			44.6771	
May., 2000			44.4022	
Jun., 2000			44.1289	
Jul., 2000			43.8574	
Aug., 2000			43.5875	
Sep., 2000			43.3192	
Oct., 2000			43.0526	
Nov., 2000			42.7877	
Dec., 2000			42.5244	
Jan., 2001			42.3785	
Feb., 2001			42.1176	
Mar., 2001			41.8585	
Apr., 2001			41.6009	
May., 2001			41.3448	
Jun., 2001			41.0904	
Jul., 2001			40.8375	
Aug., 2001			40.5862	
Sep., 2001			40.3364	
Oct., 2001			40.0882	
Nov., 2001			39.8415	
Dec., 2001			39.5963	
Jan., 2002			39.3526	
Feb., 2002			39.1104	
Mar., 2002			38.8698	
Apr., 2002			38.6306	
May., 2002			38.3928	
Jun., 2002			38.1565	
Jul., 2002			37.9217	
Aug., 2002			37.6884	
Sep., 2002			37.4564	
Oct., 2002			37.2259	
Nov., 2002			36.9968	
Dec., 2002			36.7691	
Jan., 2003			36.5429	
Feb., 2003			36.318	
Mar., 2003			36.0945	
Apr., 2003			35.8723	
May., 2003			35.6516	
Jun., 2003			35.4322	
Jul., 2003			35.2141	
Aug., 2003			34.9974	

Production Report

Group : VRU No. 1 (excluding new wells) Date : January 9, 1998 9:26:21 am
Well : VRU No. 1 Old Oil Wells User : Ludwig
: 000000218

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			34.782	
Oct., 2003			34.568	
Nov., 2003			34.3552	
Dec., 2003			34.1438	

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: January 9, 1998 9:32:12 am
Well	: Chevron Virden CPR 09-25-10-26W1	User	: Ludwig
	: 00/09-25-010-26W1/0		
Hist.Data	: 11/54-09/97	On Prod	: 01/00
Operator	:	Status	: Unknown
Field	: 5	Zone	: 59B

Production Data from January, 1997 to September, 1997

Year	Cal Day Oil m3/d	Monthly Oil m3
Jan., 1997	1.45806	45.2
Feb., 1997	1.41429	39.6
Mar., 1997	1.42258	44.1
Apr., 1997	1.41	42.3
May., 1997	1.48065	45.9
Jun., 1997	1.42667	42.8
Jul., 1997	1.40323	43.5
Aug., 1997	1.44194	44.7
Sep., 1997	1.41	42.3

Ac. D. 250

17-Sep-97

Production Report

Group : VRU No. 1 (excluding new wells)
Well : Chevron Virden 14-24-10-26W1
 : 00/14-24-010-26W1/0
Hist.Data : 01/54-09/97
Operator :
Field : 5

Date : January 9, 1998 9:29:42 am
User : Ludwig
On Prod : 01/00
Status : Unknown
Zone : 59B

Production Data from January, 1997 to September, 1997

Year	Cal Day Oil m3/d	Monthly Oil m3
Jan., 1997	0.941936	29.2
Feb., 1997	0.957143	26.8
Mar., 1997	0.93871	29.1
Apr., 1997	0.95	28.5
May., 1997	1.00968	31.3
Jun., 1997	0.903333	27.1
Jul., 1997	0.506452	15.7
Aug., 1997	0.703226	21.8
Sep., 1997	0.74	22.2

Acidized

22-JUL-97

VRU No. 1

- 12 NEW INFILL WELLS EXCLUDED FROM HISTORICAL PROD

199	10C-21	7B-30	- 199
	11A-21	8B-30	
	14B-21	8C-30	
	3A-28	10B-30	
	3B-28	10C-30	
		11A-30	
		11B-30	

- Chevron dec. 6.6 % pr (Dec/92) (infill wells excluded)

- pattern balancing 1992, VRR < 1.0
- overall ~~net~~ negative ~~net~~ effect/impact on ~~the~~ recovery
- several high water cut wells susp/abnd

VRU #1 injection monthly

1990	37843	94	25775
91	41258	95	20783
92	47368	96	19983
93	30500		

- Well count 1985-08 to 1991-03 - 60 producers
- 1996 - 52

↳ 13.3% drop

- WOR decrease 1992 12.4 m^3/L^3 including conversion
- 1996 10.1 m^3/L^3 9-30 p 15.30

COMPARISON RATIO CAL DAY VS OPER. DAY PROD.

1996 - .980
1994-96 - .981

PERIOD	DECLINE RATE	1996 AVER PROD. (m ³ /d)	HISTORICAL PRODUCTION AVER PROD 1996	Actual may Prod	PREDICTED may PROD
NOV/79	5.79	57.76	62.34		59.32
DEC/82	6.14	57.76	61.28		58.12
JAN/89	7.47	57.76	58.82		55.10
JAN/92	9.01	57.76	57.67		53.22
DEC/92	9.79	57.76	57.14		52.34
JAN/94	9.43	57.76	57.05		52.43
SEP/94	7.14	57.76	57.97		54.1
JAN/95	4.07	57.76	57.99		56.07

SEP 88 7.43

FEB 88 7.23

OCT 87 7.11

- Significant increase in production during 2nd half/96.

1996 1st half 56.0 m³/d 2nd half 59.5 m³/d
(+6.25%)

1997	PROD	INCLUDE NEW OIL WELLS		
	<u>m³/d</u>	<u>month</u>	Infill well	old oil prod.
JAN	75.09	2327.7	546	57.47
FEB	73.88	2068.7	481.3	56.69
MAR	73.52	2279.0	529.6	56.43
APR	71.48	2144.4	502.7	54.7
MAY	72.82	2257.3	514.8	56.21

VRU No. 1 Injection Data 04/58-12/96

Operator:

Field:

Zone:

Type: Inj

Group: VRU No. 1 Injection

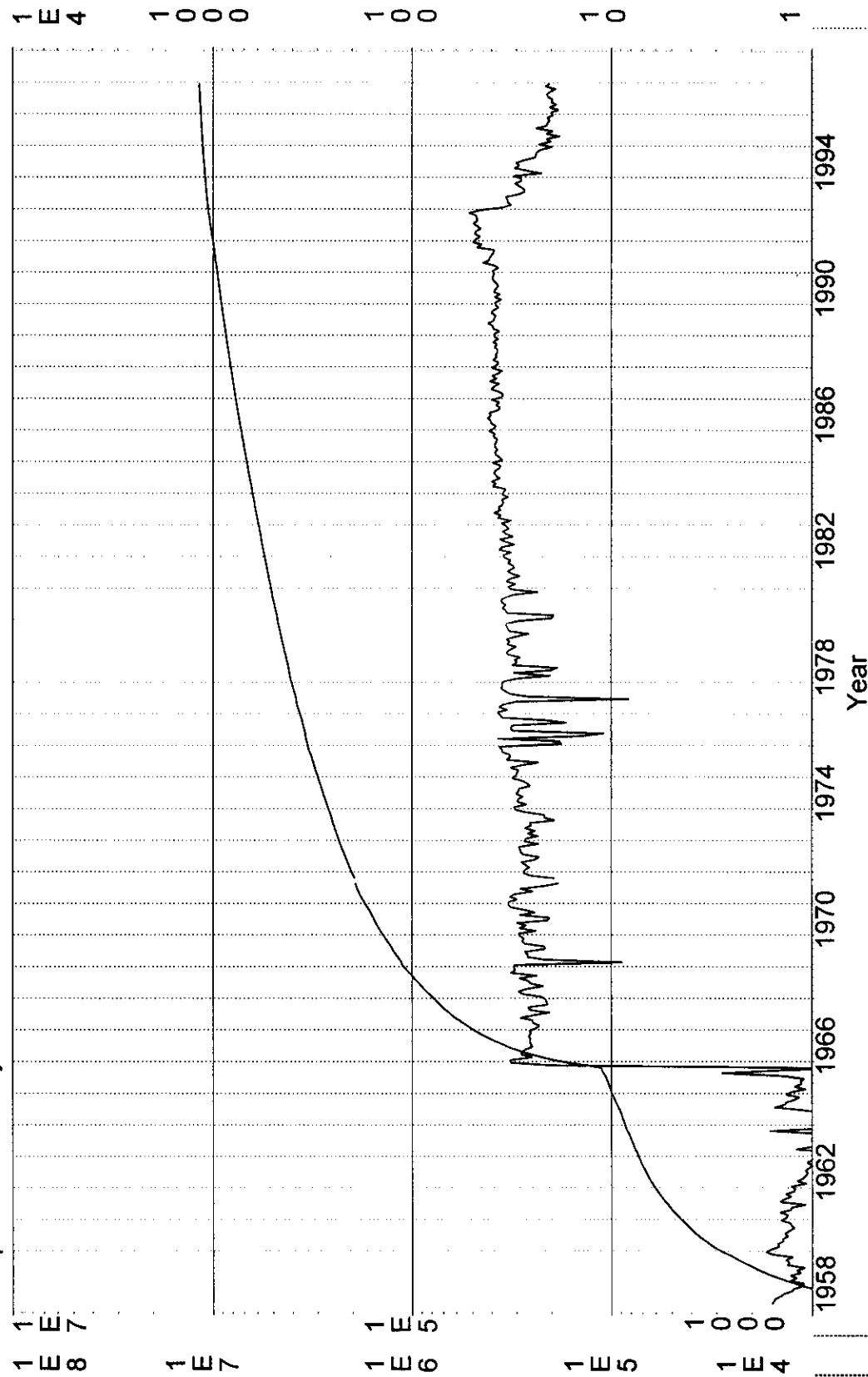
Injection Cums

Gas: 0 E3m3

NGL: 0 m3

Water: 1.17229e+07 m3

WaterDSP: 0 m3



Month Water Inj - m3

Cum Water Inj - m3

Not Assigned



Production Report

Group : VRU No. 1 Injection
 Well : VRU No. 1 Injection
 : 000000215
 Hist.Data : 04/58-12/96
 Operator :
 Field :

Date : 8/28/97 3:26:11 pm
 User : Ludwig
 On Prod : 02/09
 Status : Inj
 Zone :

Production Data from January, 1990 to December, 1996

Year	Month Water Inj m3	Cum Water Inj m3
Jan., 1990	38125	9.07589e+06
Feb., 1990	35312	9.1112e+06
Mar., 1990	38418	9.14962e+06
Apr., 1990	35971	9.18559e+06
May., 1990	38709	9.2243e+06
Jun., 1990	37941	9.26224e+06
Jul., 1990	36927	9.29917e+06
Aug., 1990	37284	9.33646e+06
Sep., 1990	38542	9.375e+06
Oct., 1990	39357	9.41435e+06
Nov., 1990	39055	9.45341e+06
Dec., 1990	38472	9.49188e+06
Jan., 1991	39228	9.53111e+06
Feb., 1991	36810	9.56792e+06
Mar., 1991	38469	9.60639e+06
Apr., 1991	43932	9.65032e+06
May., 1991	40813	9.69113e+06
Jun., 1991	40637	9.73177e+06
Jul., 1991	39635	9.7714e+06
Aug., 1991	38926	9.81033e+06
Sep., 1991	38639	9.84897e+06
Oct., 1991	47099	9.89607e+06
Nov., 1991	44482	9.94055e+06
Dec., 1991	49433	9.98998e+06
Jan., 1992	47776	1.00378e+07
Feb., 1992	45357	1.00831e+07
Mar., 1992	48156	1.01313e+07
Apr., 1992	47675	1.01789e+07
May., 1992	44988.2	1.02239e+07
Jun., 1992	46890	1.02708e+07
Jul., 1992	49076.8	1.03199e+07
Aug., 1992	46834	1.03667e+07
Sep., 1992	46796	1.04135e+07
Oct., 1992	47557	1.04611e+07
Nov., 1992	51623	1.05127e+07
Dec., 1992	45688	1.05584e+07
Jan., 1993	35233	1.05936e+07
Feb., 1993	31657	1.06253e+07
Mar., 1993	32983	1.06583e+07
Apr., 1993	33087	1.06914e+07
May., 1993	33973.1	1.07253e+07
Jun., 1993	28986	1.07543e+07
Jul., 1993	27063	1.07814e+07
Aug., 1993	27366	1.08088e+07

Production Report

Group : VRU No. 1 Injection
Well : VRU No. 1 Injection
: 000000215

Date : 8/28/97 3:26:11 pm
User : Ludwig

Production Data from January, 1990 to December, 1996 (cont.)

Year	Month Water Inj m3	Cum Water Inj m3
Sep., 1993	28809	1.08376e+07
Oct., 1993	30444	1.0868e+07
Nov., 1993	28109	1.08961e+07
Dec., 1993	28277	1.09244e+07
Jan., 1994	30858	1.09552e+07
Feb., 1994	22362	1.09776e+07
Mar., 1994	26204	1.10038e+07
Apr., 1994	30404	1.10342e+07
May., 1994	28801	1.1063e+07
Jun., 1994	29851	1.10929e+07
Jul., 1994	27360	1.11202e+07
Aug., 1994	24024	1.11443e+07
Sep., 1994	23792	1.1168e+07
Oct., 1994	23606	1.11917e+07
Nov., 1994	22236	1.12139e+07
Dec., 1994	19796	1.12337e+07
Jan., 1995	23029	1.12567e+07
Feb., 1995	20005	1.12767e+07
Mar., 1995	21089	1.12978e+07
Apr., 1995	18079	1.13159e+07
May., 1995	21117	1.1337e+07
Jun., 1995	19653	1.13567e+07
Jul., 1995	23738	1.13804e+07
Aug., 1995	21080	1.14015e+07
Sep., 1995	20862	1.14223e+07
Oct., 1995	20327	1.14427e+07
Nov., 1995	20846	1.14635e+07
Dec., 1995	19556	1.14831e+07
Jan., 1996	20004	1.15031e+07
Feb., 1996	18350	1.15214e+07
Mar., 1996	20357	1.15418e+07
Apr., 1996	18817	1.15606e+07
May., 1996	19994	1.15806e+07
Jun., 1996	19609	1.16002e+07
Jul., 1996	20777	1.1621e+07
Aug., 1996	21012	1.1642e+07
Sep., 1996	20239	1.16622e+07
Oct., 1996	18929	1.16811e+07
Nov., 1996	21268	1.17024e+07
Dec., 1996	20448	1.17229e+07

VRU No. 1 Old Oil Wells Data 01/54-12/96

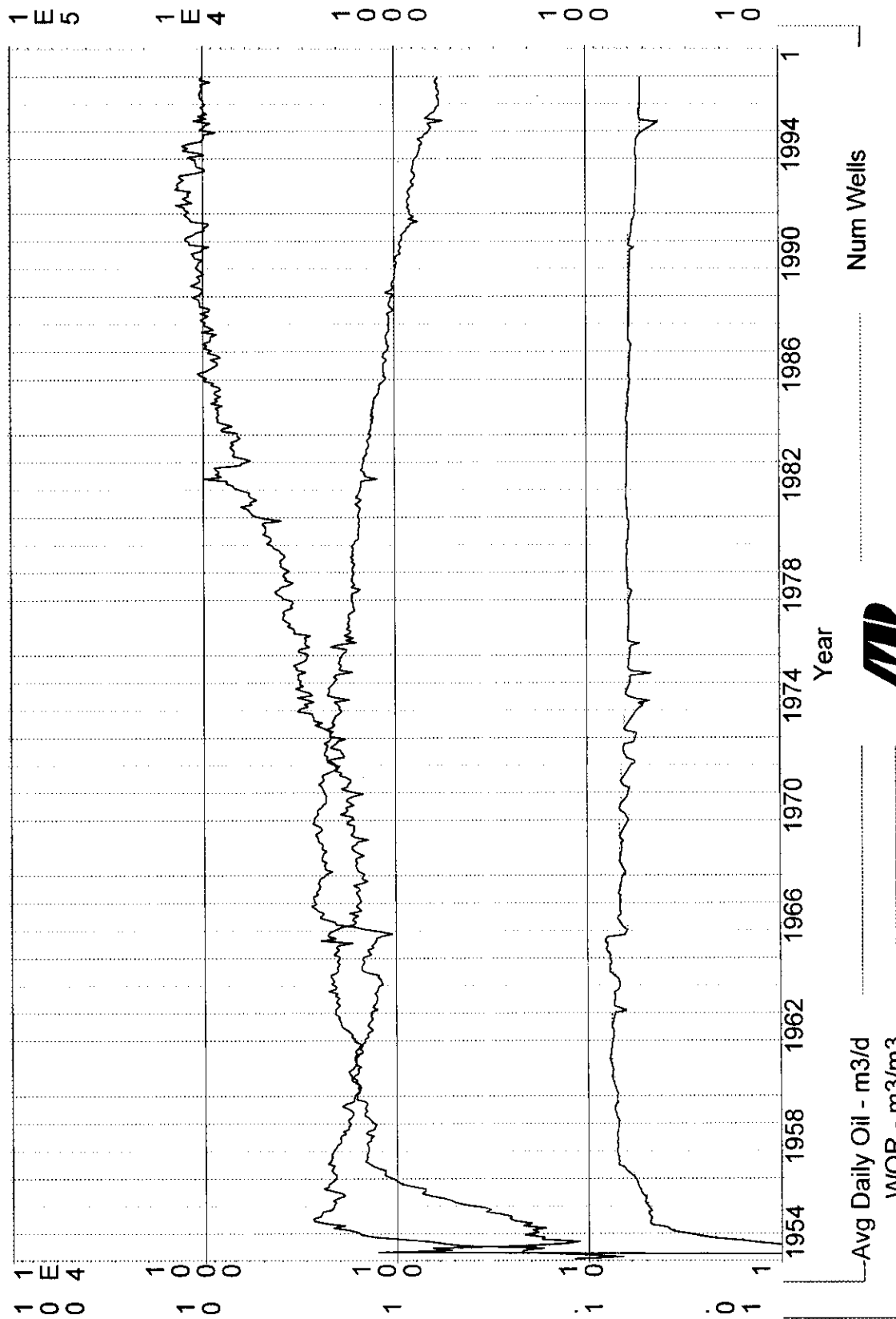
Production Cums

Oil: 2.36343e+06 m3

Gas: 0 E6m3

Water: 9.12296e+06 m3

Cond: 0 m3



Avg Daily Oil - m3/d

WOR - m3/m3

Num Wells



VRU No. 1 Old Oil Wells Data 01/54-12/96

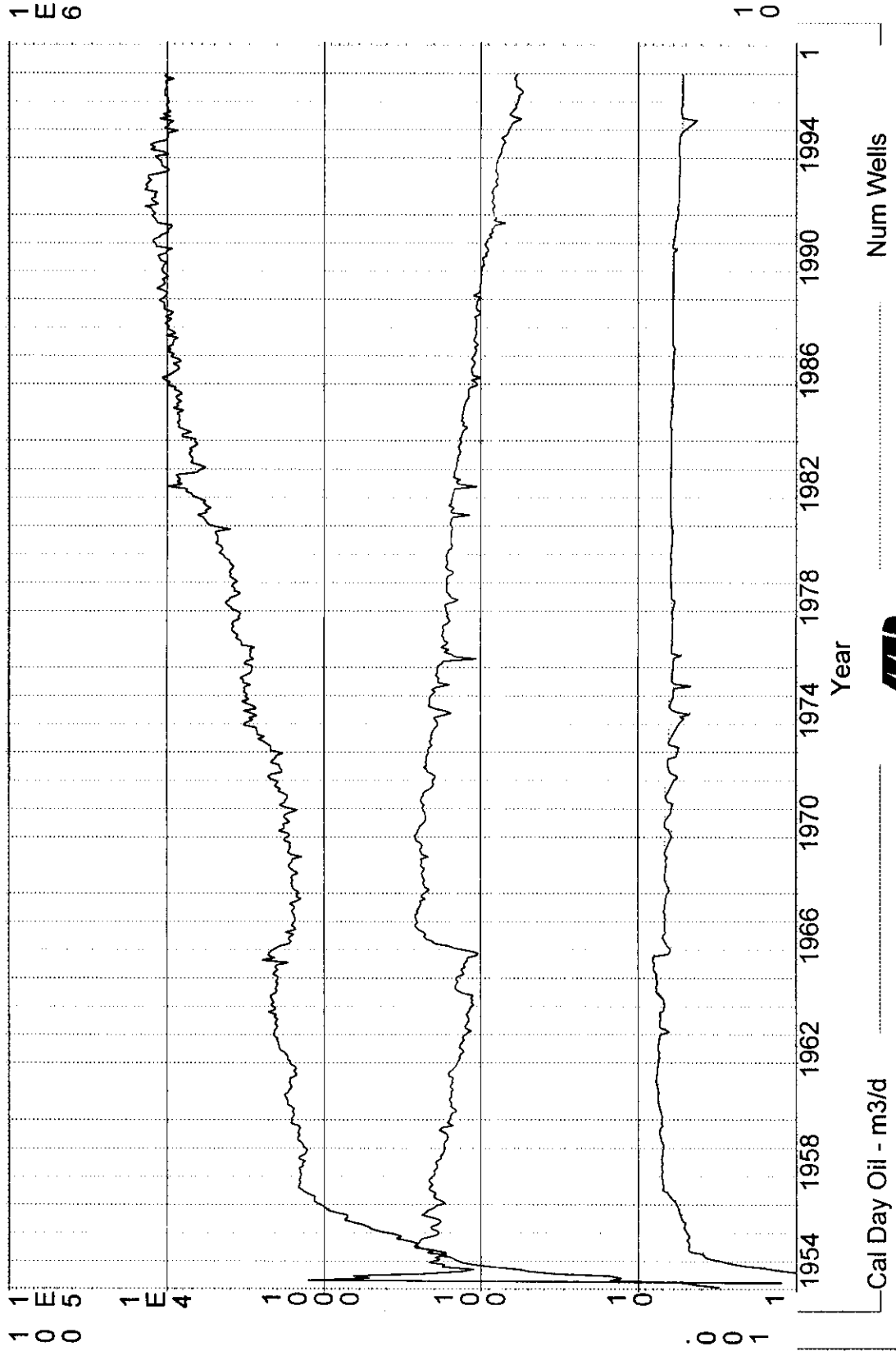
Production Cums

Oil: 2.36343e+06 m3

Gas: 0 E6m3

Water: 9.12296e+06 m3

Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Year

Num Wells



Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 3:51:13 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1954 to December, 1996

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Jan., 1954	95.7	11.9625	3.0871	95.7		1
Feb., 1954	119.3	6.62778	4.26071	215		1
Mar., 1954	161.7	11.1517	5.21613	376.7	0.00123686	2
Apr., 1954	451.1	22.555	15.0367	827.8	1.26757	4
May., 1954	396.9	21.7479	12.8032	1224.7	0.515243	4
Jun., 1954	454.7	17.1585	15.1567	1679.4	0.656477	4
Jul., 1954	1066.8	45.6385	34.4129	2746.2	0.22844	8
Aug., 1954	1521	57.3962	49.0645	4267.2	0.132479	10
Sep., 1954	1730.9	68.6638	57.6967	5998.1	0.11156	13
Oct., 1954	2586.2	97.9003	83.4258	8584.3	0.176552	16
Nov., 1954	3363.5	131.902	112.117	11947.8	0.170685	22
Dec., 1954	4134.4	154.077	133.368	16082.2	0.216839	26
Jan., 1955	4536.9	160.598	146.352	20619.1	0.182173	30
Feb., 1955	4338.2	180.758	154.936	24957.3	0.19681	36
Mar., 1955	5742.2	217.37	185.232	30699.5	0.165808	38
Apr., 1955	4961.5	187.521	165.383	35661	0.219611	39
May., 1955	6304.8	239.423	203.381	41965.8	0.19758	47
Jun., 1955	7848.7	272.603	261.623	49814.5	0.24376	48
Jul., 1955	8266.1	275.155	266.648	58080.6	0.258477	48
Aug., 1955	7692.5	251.526	248.145	65773.1	0.251648	47
Sep., 1955	7354.6	248.606	245.153	73127.7	0.285631	48
Oct., 1955	7311.2	244.726	235.845	80438.9	0.346797	49
Nov., 1955	6108.4	219.463	203.613	86547.3	0.320264	47
Dec., 1955	5769.2	215.001	186.103	92316.5	0.356133	48
Jan., 1956	5795.5	213.331	186.952	98112	0.439203	49
Feb., 1956	5957.6	208.126	205.434	104070	0.495317	49
Mar., 1956	6481.6	217.26	209.084	110551	0.520983	51
Apr., 1956	5645.8	203.147	188.193	116197	0.573471	51
May., 1956	5579.2	187.536	179.974	121776	0.667013	50
Jun., 1956	5519	194.217	183.967	127295	0.744374	52
Jul., 1956	6393.2	217.641	206.232	133688	0.711037	53
Aug., 1956	7401.5	243.671	238.758	141090	0.708843	53
Sep., 1956	6765.1	226.763	225.503	147855	0.824511	53
Oct., 1956	6738	228.085	217.355	154593	0.939181	55
Nov., 1956	5974.6	218.583	199.153	160568	0.939728	55
Dec., 1956	5994.9	211.274	193.384	166562	1.02394	56
Jan., 1957	5221.9	207.15	168.448	171784	1.09548	57
Feb., 1957	4970.8	207.838	177.529	176755	1.16347	58
Mar., 1957	6005.2	214.791	193.716	182760	1.15427	58
Apr., 1957	6026.5	220.818	200.883	188787	1.14703	62
May., 1957	5970.1	216.112	192.584	194757	1.25911	64
Jun., 1957	6071.6	212.417	202.387	200829	1.3366	65
Jul., 1957	6694.2	230.503	215.942	207523	1.39957	70
Aug., 1957	6522.2	222.348	210.394	214045	1.46765	69

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 8/28/97 3:51:13 pm
User : Ludwig

Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1957	6079.4	219.407	202.647	220124	1.43119	69
Oct., 1957	6548.4	217.977	211.239	226673	1.42325	69
Nov., 1957	6445	220.028	214.833	233118	1.4434	70
Dec., 1957	6396.4	215.912	206.336	239514	1.41761	70
Jan., 1958	6127.1	212.194	197.648	245641	1.41032	71
Feb., 1958	5546.3	206.694	198.082	251188	1.40833	71
Mar., 1958	6167.9	205.597	198.965	257355	1.42052	70
Apr., 1958	5698.6	197.07	189.953	263054	1.44044	70
May., 1958	5860.7	196.174	189.055	268915	1.36366	71
Jun., 1958	5826.5	197.788	194.217	274741	1.37273	70
Jul., 1958	5905.8	195.502	190.51	280647	1.31941	70
Aug., 1958	5534.8	184.237	178.542	286182	1.45494	71
Sep., 1958	5441.6	191.774	181.387	291623	1.42208	71
Oct., 1958	5394.7	178.83	174.023	297018	1.31622	70
Nov., 1958	5177.6	179.311	172.587	302196	1.29946	70
Dec., 1958	5254.3	174.417	169.494	307450	1.28061	70
Jan., 1959	5264.3	177.698	169.816	312714	1.34985	70
Feb., 1959	4815	180.563	171.964	317529	1.36698	69
Mar., 1959	5271.6	173.076	170.052	322801	1.40686	70
Apr., 1959	4893	169.945	163.1	327694	1.48285	71
May., 1959	5028.6	167.853	162.213	332723	1.46627	71
Jun., 1959	4880.5	173.016	162.683	337603	1.43022	72
Jul., 1959	5287.9	180.269	170.577	342891	1.46726	73
Aug., 1959	5692	192.949	183.613	348583	1.44777	73
Sep., 1959	5325.7	183.909	177.523	353909	1.41934	72
Oct., 1959	4623.4	168.124	149.142	358532	1.46061	70
Nov., 1959	4883.3	167.427	162.777	363415	1.63123	71
Dec., 1959	5049.8	167.397	162.897	368465	1.60044	71
Jan., 1960	4853.2	164.515	156.555	373318	1.61547	71
Feb., 1960	4520.2	158.141	155.869	377839	1.56336	70
Mar., 1960	4740.4	155.849	152.916	382579	1.55985	71
Apr., 1960	4265.1	153.928	142.17	386844	1.59335	71
May., 1960	4591.6	155.209	148.116	391436	1.55112	71
Jun., 1960	4686.6	165.167	156.22	396122	1.61497	73
Jul., 1960	4737.6	160.144	152.826	400860	1.72427	73
Aug., 1960	4843.9	167.271	156.255	405704	1.70136	73
Sep., 1960	4766.6	167.74	158.887	410470	1.72267	75
Oct., 1960	4781	159.367	154.226	415251	1.72083	75
Nov., 1960	4591.5	156.974	153.05	419843	1.78754	75
Dec., 1960	4817.1	160.57	155.39	424660	1.69801	74
Jan., 1961	4642.3	153.464	149.752	429302	1.6676	74
Feb., 1961	4373.5	163.75	156.196	433676	1.61344	75
Mar., 1961	4809.5	161.891	155.145	438485	1.62239	75
Apr., 1961	4523.2	161.784	150.773	443008	1.66236	75
May., 1961	4726.7	162.99	152.474	447735	1.65194	77
Jun., 1961	4512.5	156.729	150.417	452248	1.64089	77
Jul., 1961	4941.8	162.917	159.413	457189	1.51271	76
Aug., 1961	4993.5	163.945	161.081	462183	1.50648	76

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 8/28/97 3:51:14 pm
User : Ludwig

Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1961	4636.9	157.852	154.563	466820	1.56244	76
Oct., 1961	4612.8	155.488	148.8	471433	1.50436	76
Nov., 1961	4343.8	150.002	144.793	475776	1.53778	75
Dec., 1961	4390.2	145.733	141.619	480167	1.65154	75
Jan., 1962	4326.3	147.07	139.558	484493	1.64376	75
Feb., 1962	3805.3	139.644	135.904	488298	1.72323	74
Mar., 1962	4248.7	141.82	137.055	492547	1.69504	73
Apr., 1962	4036.9	139.404	134.563	496584	1.74632	74
May., 1962	3966.6	132.773	127.955	500550	1.80502	73
Jun., 1962	3934.9	136.274	131.163	504485	1.89939	74
Jul., 1962	4244.6	141.095	136.923	508730	1.94068	75
Aug., 1962	4209.2	139.339	135.781	512939	1.94277	75
Sep., 1962	3954.1	135.958	131.803	516893	1.96237	75
Oct., 1962	3946.1	132.642	127.294	520839	2.00177	75
Nov., 1962	3945.6	136.251	131.52	524785	1.98386	75
Dec., 1962	3964.1	134.757	127.874	528749	2.09036	75
Jan., 1963	3805.4	135.504	122.755	532554	2.08961	72
Feb., 1963	3216.7	124.719	114.882	535771	2.07315	63
Mar., 1963	3862	133.364	124.581	539633	2.01072	67
Apr., 1963	3791.5	133.035	126.383	543425	1.9793	73
May., 1963	3798.4	127.321	122.529	547223	2.05526	73
Jun., 1963	3587.8	127.002	119.593	550811	2.04039	73
Jul., 1963	3711.4	125.81	119.723	554522	1.97737	73
Aug., 1963	3725.3	126.46	120.171	558248	2.08681	72
Sep., 1963	3719.9	129.388	123.997	561967	2.01699	72
Oct., 1963	3727.7	125.477	120.248	565695	2.2773	73
Nov., 1963	3538.4	124.701	117.947	569234	2.06732	69
Dec., 1963	3618.9	123.723	116.739	572852	2.05341	69
Jan., 1964	3448.4	117.559	111.239	576301	2.18655	68
Feb., 1964	3333.2	119.577	114.938	579634	2.10032	68
Mar., 1964	3506.5	120.223	113.113	583140	2.14188	68
Apr., 1964	3455.5	124.522	115.183	586596	2.18041	69
May., 1964	3468.6	122.782	111.89	590065	2.19749	72
Jun., 1964	3918.4	140.57	130.613	593983	2.05112	74
Jul., 1964	4332.2	150.685	139.748	598315	2.00127	77
Aug., 1964	4540.4	151.557	146.465	602856	2.04559	76
Sep., 1964	4347.6	151.002	144.92	607203	2.00782	77
Oct., 1964	4426.6	148.171	142.794	611630	1.97723	77
Nov., 1964	4180.2	145.821	139.34	615810	2.04366	75
Dec., 1964	4497.2	151.166	145.071	620307	1.97494	76
Jan., 1965	4382.2	146.889	141.361	624689	1.97141	77
Feb., 1965	3581.8	135.162	127.921	628271	2.12039	76
Mar., 1965	4063.4	137.548	131.077	632335	2.05291	77
Apr., 1965	4021.9	141.741	134.063	636357	1.9763	79
May., 1965	3886.6	131.563	125.374	640243	2.06193	80
Jun., 1965	3854.7	133.496	128.49	644098	1.99414	80
Jul., 1965	3905.5	129.464	125.984	648003	1.6845	78
Aug., 1965	3771.9	127.143	121.674	651775	2.487	81

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 8/28/97 3:51:14 pm
User : Ludwig

Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1965	3657.2	126.656	121.907	655432	2.05701	81
Oct., 1965	3295.3	118.928	106.3	658728	2.27825	79
Nov., 1965	3108.4	104.192	103.613	661836	2.25322	64
Dec., 1965	3669.5	119.333	118.371	665506	2.17517	64
Jan., 1966	4508.8	147.026	145.445	670014	2.03127	62
Feb., 1966	4507.6	164.411	160.986	674522	1.90565	62
Mar., 1966	6109.6	206.522	197.084	680632	1.66153	66
Apr., 1966	6107.2	207.317	203.573	686739	1.61701	66
May., 1966	6898.5	228.996	222.532	693637	1.68906	68
Jun., 1966	6916.6	249.247	230.553	700554	1.65297	70
Jul., 1966	6941.7	249.402	223.926	707496	1.5609	69
Aug., 1966	7211.9	237.429	232.642	714708	1.76487	67
Sep., 1966	7501.2	256.086	250.04	722209	1.51905	67
Oct., 1966	7981.3	263.845	257.461	730190	1.55138	67
Nov., 1966	7908.8	277.097	263.627	738099	1.61524	68
Dec., 1966	7827.7	259.841	252.506	745927	1.57173	68
Jan., 1967	7973.5	267.268	257.21	753900	1.52523	68
Feb., 1967	7222.2	268.317	257.936	761122	1.54014	67
Mar., 1967	8165.6	271.057	263.406	769288	1.5591	68
Apr., 1967	7561	254.508	252.033	776849	1.55797	67
May., 1967	7926.8	262.404	255.703	784776	1.61398	69
Jun., 1967	7487.1	254.519	249.57	792263	1.54411	68
Jul., 1967	7573.1	249.32	244.294	799836	1.55953	68
Aug., 1967	7439.4	249.018	239.981	807275	1.67198	68
Sep., 1967	7386.1	255.06	246.203	814661	1.51434	67
Oct., 1967	6948.5	250.396	224.145	821610	1.4005	67
Nov., 1967	7245.1	249.831	241.503	828855	1.50304	67
Dec., 1967	7246.5	235.659	233.758	836102	1.4901	66
Jan., 1968	6866.8	231.141	221.51	842968	1.45338	65
Feb., 1968	6162	214.33	212.483	849130	1.55925	63
Mar., 1968	7075	232.922	228.226	856205	1.58924	63
Apr., 1968	6928.4	234.861	230.947	863134	1.61089	65
May., 1968	7222.3	236.797	232.977	870356	1.61724	66
Jun., 1968	6843.9	230.047	228.13	877200	1.58905	66
Jul., 1968	7220.8	244.083	232.929	884421	1.62589	68
Aug., 1968	7322.7	243.752	236.216	891744	1.60065	68
Sep., 1968	7119.7	240.327	237.323	898863	1.46178	68
Oct., 1968	7218.2	237.963	232.845	906081	1.55661	68
Nov., 1968	6831.9	229.644	227.73	912913	1.63941	68
Dec., 1968	7484.6	244.063	241.439	920398	1.69262	68
Jan., 1969	7424	241.104	239.484	927822	1.69631	66
Feb., 1969	6686.7	241.688	238.811	934509	1.60006	66
Mar., 1969	7477	252.388	241.194	941986	1.59548	67
Apr., 1969	6468.8	254.928	215.627	948455	1.38213	65
May., 1969	7339.8	255.668	236.768	955794	1.63367	67
Jun., 1969	7237.4	263.578	241.247	963032	1.70861	68
Jul., 1969	7638.9	254.277	246.416	970671	1.70646	68
Aug., 1969	7363.7	244.101	237.539	978034	1.64534	68

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 8/28/97 3:51:14 pm
User : Ludwig

Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1969	7068.6	243.395	235.62	985103	1.66064	68
Oct., 1969	7567.1	254.356	244.1	992670	1.64147	68
Nov., 1969	7818.6	271.558	260.62	1.00049e+06	1.80072	68
Dec., 1969	8058.6	266.4	259.955	1.00855e+06	1.77743	62
Jan., 1970	8189.7	266.693	264.184	1.01674e+06	1.66072	61
Feb., 1970	7124.3	261.843	254.439	1.02386e+06	1.69538	61
Mar., 1970	7836.7	253.137	252.797	1.0317e+06	1.95201	61
Apr., 1970	7398.5	257.339	246.617	1.0391e+06	1.81072	64
May., 1970	7605	254.916	245.323	1.0467e+06	1.78555	67
Jun., 1970	7082.5	244.576	236.083	1.05378e+06	1.82793	68
Jul., 1970	7104.5	240.491	229.177	1.06089e+06	1.64918	68
Aug., 1970	6969.9	232.008	224.836	1.06786e+06	1.73345	67
Sep., 1970	6758.4	230.073	225.28	1.07462e+06	1.81698	67
Oct., 1970	6987.6	231.954	225.406	1.0816e+06	1.77632	67
Nov., 1970	6815.1	230.046	227.17	1.08842e+06	1.64636	62
Dec., 1970	7236.1	234.684	233.423	1.09566e+06	1.47951	62
Jan., 1971	7306.7	237.616	235.7	1.10296e+06	1.74875	62
Feb., 1971	6439.3	240.347	229.975	1.1094e+06	1.93173	61
Mar., 1971	7380.5	243.648	238.081	1.11678e+06	1.78701	60
Apr., 1971	7237.2	253.197	241.24	1.12402e+06	1.7756	65
May., 1971	7394.4	242.771	238.529	1.13141e+06	1.72375	66
Jun., 1971	6984	236.412	232.8	1.1384e+06	1.71681	67
Jul., 1971	7244.8	240.491	233.703	1.14564e+06	1.80368	67
Aug., 1971	6933.8	242.229	223.671	1.15258e+06	1.96977	67
Sep., 1971	6305.4	225.865	210.18	1.15888e+06	1.90359	67
Oct., 1971	6271.2	212.283	202.297	1.16515e+06	2.06995	67
Nov., 1971	5973.3	201.63	199.11	1.17113e+06	2.01456	61
Dec., 1971	6332.3	206.208	204.268	1.17746e+06	1.95943	60
Jan., 1972	6328.3	207.485	204.139	1.18379e+06	2.17183	59
Feb., 1972	5638.3	217.555	194.424	1.18942e+06	2.28544	56
Mar., 1972	6283	230.569	202.677	1.19571e+06	2.16527	57
Apr., 1972	6549.4	226.492	218.313	1.20226e+06	1.8542	62
May., 1972	6820.4	236.204	220.013	1.20908e+06	1.86992	63
Jun., 1972	6916.1	234.776	230.537	1.21599e+06	1.92202	64
Jul., 1972	6804.9	229.379	219.513	1.2228e+06	1.93728	64
Aug., 1972	6992.6	230.525	225.568	1.22979e+06	2.19466	65
Sep., 1972	6620.3	225.692	220.677	1.23641e+06	2.12273	65
Oct., 1972	6891.3	236.611	222.3	1.2433e+06	2.033	64
Nov., 1972	6641.9	223.257	221.397	1.24994e+06	2.01045	57
Dec., 1972	6671.9	218.155	215.223	1.25662e+06	1.82359	57
Jan., 1973	6712.4	217.994	216.529	1.26333e+06	2.19445	57
Feb., 1973	6014.9	221.407	214.818	1.26934e+06	2.18413	57
Mar., 1973	6362.3	211.197	205.235	1.27571e+06	2.19968	55
Apr., 1973	6160.3	232.099	205.343	1.28187e+06	2.30466	63
May., 1973	6560.1	214.207	211.616	1.28843e+06	2.44031	64
Jun., 1973	6164.1	207.779	205.47	1.29459e+06	2.64081	64
Jul., 1973	6410.1	214.864	206.777	1.301e+06	2.39439	64
Aug., 1973	6410.6	210.184	206.794	1.30741e+06	2.68017	64

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
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Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1973	6110	210.387	203.667	1.31352e+06	2.66506	64
Oct., 1973	6174.9	204.976	199.19	1.3197e+06	2.70798	64
Nov., 1973	5815.7	196.864	193.857	1.32551e+06	2.7169	57
Dec., 1973	5833.8	190.491	188.187	1.33135e+06	3.2606	57
Jan., 1974	5866	197.176	189.226	1.33721e+06	3.1372	55
Feb., 1974	5293.2	195.141	189.043	1.34251e+06	2.8465	53
Mar., 1974	6182.2	200.775	199.426	1.34869e+06	3.011	51
Apr., 1974	5313.9	209.415	177.13	1.354e+06	2.65863	54
May., 1974	4773.4	173.054	153.981	1.35877e+06	2.9038	47
Jun., 1974	5042.5	204.772	168.083	1.36382e+06	3.25864	56
Jul., 1974	6104	227.126	196.903	1.36992e+06	2.70863	61
Aug., 1974	6641.1	222.607	214.229	1.37656e+06	2.80932	63
Sep., 1974	6388.7	220.617	212.957	1.38295e+06	3.08119	63
Oct., 1974	6614.6	223.592	213.374	1.38957e+06	3.33217	63
Nov., 1974	6401	218.216	213.367	1.39597e+06	3.01337	61
Dec., 1974	6524.7	211.612	210.474	1.40249e+06	3.17976	60
Jan., 1975	6310.9	207.198	203.577	1.4088e+06	3.09073	60
Feb., 1975	5452.6	202.26	194.736	1.41426e+06	3.23664	60
Mar., 1975	6383.8	210.455	205.929	1.42064e+06	3.19993	60
Apr., 1975	5744.2	201.846	191.473	1.42638e+06	3.24108	59
May., 1975	4867.6	167.128	157.019	1.43125e+06	2.92586	46
Jun., 1975	5599.4	196.47	186.647	1.43685e+06	3.29394	59
Jul., 1975	5812.6	194.293	187.503	1.44266e+06	3.24335	61
Aug., 1975	5720.3	191.208	184.526	1.44838e+06	3.42265	61
Sep., 1975	5823.8	198.539	194.127	1.45421e+06	3.16653	61
Oct., 1975	5864.6	194.407	189.181	1.46007e+06	2.96037	61
Nov., 1975	5672.1	195.309	189.07	1.46574e+06	2.88777	61
Dec., 1975	5869.7	190.626	189.345	1.47161e+06	2.88033	60
Jan., 1976	5799.8	188.102	187.09	1.47741e+06	2.86819	60
Feb., 1976	5112.8	180.187	176.303	1.48253e+06	3.22377	60
Mar., 1976	5394.1	179.305	174.003	1.48792e+06	3.14635	60
Apr., 1976	3194.9	217.834	106.497	1.49111e+06	2.80275	60
May., 1976	4463.6	199.12	143.987	1.49558e+06	2.95575	59
Jun., 1976	4611.1	159.232	153.703	1.50019e+06	2.96259	53
Jul., 1976	5301.5	181.248	171.016	1.50549e+06	2.90974	61
Aug., 1976	4937.9	165.748	159.287	1.51043e+06	2.98655	61
Sep., 1976	5399.1	185.642	179.97	1.51583e+06	2.75661	61
Oct., 1976	5208.6	173.379	168.019	1.52104e+06	3.38104	61
Nov., 1976	4852.3	169.76	161.743	1.52589e+06	3.35206	61
Dec., 1976	5324.2	180.481	171.748	1.53121e+06	3.39764	61
Jan., 1977	5345.2	172.891	172.426	1.53656e+06	3.65782	61
Feb., 1977	4938.3	176.894	176.368	1.5415e+06	3.51538	61
Mar., 1977	5459.9	177.078	176.126	1.54696e+06	3.69045	61
Apr., 1977	5166.7	172.944	172.223	1.55212e+06	3.87017	61
May., 1977	5391.2	175.561	173.91	1.55751e+06	3.8538	61
Jun., 1977	5258.2	175.762	175.273	1.56277e+06	3.77285	61
Jul., 1977	5082	168.931	163.935	1.56785e+06	3.86932	61
Aug., 1977	4872.9	161.98	157.19	1.57273e+06	3.75452	61

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Well : VRU No. 1 Old Oil Wells
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Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1977	4777.3	164.262	159.243	1.5775e+06	3.43715	61
Oct., 1977	5104.5	166	164.661	1.58261e+06	3.51705	60
Nov., 1977	4852.4	165.423	161.747	1.58746e+06	3.41093	60
Dec., 1977	5120.8	167.895	165.187	1.59258e+06	3.44999	61
Jan., 1978	5164.6	168.411	166.6	1.59775e+06	3.84285	61
Feb., 1978	4666.6	167.412	166.664	1.60241e+06	3.9364	61
Mar., 1978	5216.2	168.718	168.264	1.60763e+06	4.14701	61
Apr., 1978	4550.9	157.607	151.697	1.61218e+06	4.25388	61
May., 1978	4297.5	151.676	138.629	1.61648e+06	4.0269	58
Jun., 1978	4630.8	169.678	154.36	1.62111e+06	3.94468	61
Jul., 1978	4873	162.659	157.194	1.62598e+06	3.58161	61
Aug., 1978	5022.3	165.117	162.01	1.631e+06	3.39866	61
Sep., 1978	4949.9	168.987	164.997	1.63595e+06	3.75662	61
Oct., 1978	5085.1	167.641	164.035	1.64104e+06	3.70789	61
Nov., 1978	4943.8	166.411	164.793	1.64598e+06	3.87012	61
Dec., 1978	5049.4	163.323	162.884	1.65103e+06	3.77597	61
Jan., 1979	5139.5	166.686	165.79	1.65617e+06	3.55564	61
Feb., 1979	4649.1	167.787	166.039	1.66082e+06	3.77159	61
Mar., 1979	5037.1	164.477	162.487	1.66586e+06	3.98029	61
Apr., 1979	4545.5	160.903	151.517	1.6704e+06	3.92509	61
May., 1979	4593.4	169.082	148.174	1.675e+06	4.00712	61
Jun., 1979	4858.5	164.928	161.95	1.67986e+06	3.89841	61
Jul., 1979	5207.9	170.054	167.997	1.68506e+06	3.77947	62
Aug., 1979	5058.1	164.269	163.165	1.69012e+06	3.76827	62
Sep., 1979	4866.7	167.817	162.223	1.69499e+06	3.97974	62
Oct., 1979	5079.2	164.954	163.845	1.70007e+06	4.00758	61
Nov., 1979	4944.9	165.751	164.83	1.70501e+06	4.29016	61
Dec., 1979	5144.5	167.984	165.952	1.71016e+06	4.33136	62
Jan., 1980	5026.5	162.582	162.145	1.71518e+06	4.67367	62
Feb., 1980	4656.2	161.955	160.559	1.71984e+06	4.46972	62
Mar., 1980	4753.1	154.363	153.326	1.72459e+06	4.4099	61
Apr., 1980	4553.2	154.128	151.773	1.72915e+06	4.54478	61
May., 1980	4799.3	155.443	154.816	1.73395e+06	4.89128	61
Jun., 1980	4630.1	155.199	154.337	1.73858e+06	4.72655	61
Jul., 1980	4809.3	155.557	155.139	1.74338e+06	4.73842	61
Aug., 1980	4759.8	153.956	153.542	1.74814e+06	4.72037	61
Sep., 1980	4584.1	153.443	152.803	1.75273e+06	4.88632	61
Oct., 1980	4794	155.062	154.645	1.75752e+06	4.90987	61
Nov., 1980	4514.5	152.174	150.483	1.76204e+06	3.90812	60
Dec., 1980	4703.6	153.587	151.729	1.76674e+06	4.81716	61
Jan., 1981	4830.9	155.835	155.835	1.77157e+06	5.47987	61
Feb., 1981	4336.6	155.109	154.879	1.77591e+06	5.47533	61
Mar., 1981	4756.3	153.429	153.429	1.78066e+06	5.73421	61
Apr., 1981	4528.3	151.153	150.943	1.78519e+06	5.88499	61
May., 1981	3623.1	154.448	116.874	1.78882e+06	6.41572	61
Jun., 1981	4623	160.567	154.1	1.79344e+06	5.57095	61
Jul., 1981	4755.7	154.867	153.41	1.7982e+06	5.70917	61
Aug., 1981	4569.9	148.615	147.416	1.80276e+06	5.2367	61

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Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil	Avg Daily Oil	Cal Day Oil	Cum Oil	WOR	Num Wells
	m3	m3/d	m3/d	m3	m3/m3	
Sep., 1981	4787.6	160.031	159.587	1.80755e+06	5.63295	62
Oct., 1981	4722.3	155.467	152.332	1.81227e+06	5.82701	62
Nov., 1981	4633	155.731	154.433	1.81691e+06	5.71146	62
Dec., 1981	4691	152.141	151.323	1.8216e+06	6.22379	62
Jan., 1982	4675.3	151.019	150.816	1.82627e+06	6.8666	62
Feb., 1982	4182	150.252	149.357	1.83046e+06	6.98895	62
Mar., 1982	4560	149.508	147.097	1.83502e+06	7.59768	62
Apr., 1982	4430.3	150.18	147.677	1.83945e+06	7.44153	62
May., 1982	3261.3	122.875	105.203	1.84271e+06	9.99577	62
Jun., 1982	4110.7	140.537	137.023	1.84682e+06	7.99487	62
Jul., 1982	4441.3	144.433	143.268	1.85126e+06	8.6136	62
Aug., 1982	4162.5	143.534	134.274	1.85542e+06	8.21684	62
Sep., 1982	4474.2	151.028	149.14	1.8599e+06	8.54367	62
Oct., 1982	4524.1	146.728	145.939	1.86442e+06	8.76747	62
Nov., 1982	4423.7	147.867	147.457	1.86884e+06	6.44533	62
Dec., 1982	4482.8	145.98	144.606	1.87333e+06	6.22549	62
Jan., 1983	4428.1	144.591	142.842	1.87776e+06	5.65714	62
Feb., 1983	3968.6	145.414	141.736	1.88172e+06	6.17213	62
Mar., 1983	4431.3	142.945	142.945	1.88616e+06	7.01079	62
Apr., 1983	4151.1	138.949	138.37	1.89031e+06	6.91511	62
May., 1983	4345.7	140.562	140.184	1.89465e+06	6.86465	62
Jun., 1983	4152.1	140.353	138.403	1.8988e+06	7.03364	62
Jul., 1983	4176.2	136.925	134.716	1.90298e+06	7.2492	62
Aug., 1983	4165.8	136.211	134.381	1.90715e+06	6.93432	62
Sep., 1983	4113.5	137.883	137.117	1.91126e+06	7.16514	62
Oct., 1983	4293	139.61	138.484	1.91555e+06	6.64237	62
Nov., 1983	4045.2	135.216	134.84	1.9196e+06	6.38636	62
Dec., 1983	4106.5	133.184	132.468	1.9237e+06	6.67103	62
Jan., 1984	4210.6	136.009	135.826	1.92792e+06	6.58894	62
Feb., 1984	3831.8	134.253	132.131	1.93175e+06	8.02735	62
Mar., 1984	4095.1	132.456	132.1	1.93584e+06	7.92386	62
Apr., 1984	3914.1	132.681	130.47	1.93976e+06	7.00008	62
May., 1984	3944.9	132.416	127.255	1.9437e+06	7.65419	62
Jun., 1984	3619.1	129.446	120.637	1.94732e+06	8.43221	61
Jul., 1984	4059.7	132.562	130.958	1.95138e+06	8.32574	62
Aug., 1984	3932.2	128.05	126.845	1.95531e+06	8.5578	62
Sep., 1984	4006.1	133.722	133.537	1.95932e+06	8.23694	62
Oct., 1984	4000.4	129.568	129.045	1.96332e+06	8.39916	62
Nov., 1984	3953.9	131.797	131.797	1.96727e+06	8.30117	62
Dec., 1984	4003.7	129.675	129.152	1.97128e+06	8.63127	62
Jan., 1985	4015	129.69	129.516	1.97529e+06	7.88294	62
Feb., 1985	3579.1	128.207	127.825	1.97887e+06	9.11793	62
Mar., 1985	3931.2	128.366	126.813	1.9828e+06	8.38599	62
Apr., 1985	3810.2	127.538	127.007	1.98661e+06	8.68668	60
May., 1985	3845.8	124.729	124.058	1.99046e+06	8.0584	60
Jun., 1985	3624.8	122.528	120.827	1.99408e+06	8.6642	61
Jul., 1985	3673.7	120.285	118.506	1.99776e+06	8.71846	61
Aug., 1985	3689	120.621	119	2.00144e+06	8.06425	60

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Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1985	3571	119.033	119.033	2.00502e+06	8.24783	60
Oct., 1985	3720.3	120.333	120.01	2.00874e+06	9.049	60
Nov., 1985	3485.8	117.17	116.193	2.01222e+06	8.76642	60
Dec., 1985	3231.3	112.884	104.235	2.01545e+06	9.97308	60
Jan., 1986	3292.6	110.213	106.213	2.01875e+06	9.53034	59
Feb., 1986	3202.9	114.56	114.389	2.02195e+06	10.2342	60
Mar., 1986	3076	112.537	99.2258	2.02502e+06	10.6977	60
Apr., 1986	3370.7	114.423	112.357	2.0284e+06	9.62085	60
May., 1986	3499.5	113.805	112.887	2.0319e+06	9.64566	60
Jun., 1986	3431.5	114.702	114.383	2.03533e+06	8.69328	60
Jul., 1986	3530.4	114.191	113.884	2.03886e+06	8.32993	60
Aug., 1986	3440.8	111.896	110.994	2.0423e+06	8.51256	60
Sep., 1986	3271.4	109.198	109.047	2.04557e+06	9.13157	60
Oct., 1986	3383.3	115.013	109.139	2.04895e+06	8.06875	60
Nov., 1986	3413.7	114.107	113.79	2.05237e+06	8.47717	60
Dec., 1986	3479.7	113.315	112.248	2.05585e+06	9.46059	60
Jan., 1987	3355.9	108.547	108.255	2.0592e+06	8.95471	59
Feb., 1987	3035.9	108.587	108.425	2.06224e+06	9.91436	59
Mar., 1987	3288.6	106.946	106.084	2.06553e+06	9.45874	59
Apr., 1987	3292.3	109.896	109.743	2.06882e+06	10.0097	58
May., 1987	3216	109.017	103.742	2.07203e+06	9.17537	59
Jun., 1987	3195.2	110.338	106.507	2.07523e+06	9.165	60
Jul., 1987	3429.6	110.781	110.632	2.07866e+06	9.07773	60
Aug., 1987	3378.3	109.715	108.977	2.08204e+06	8.43945	60
Sep., 1987	3217.8	107.409	107.26	2.08526e+06	10.1448	60
Oct., 1987	3268.4	106.289	105.432	2.08852e+06	8.75113	60
Nov., 1987	3210	107.298	107	2.09173e+06	9.23427	60
Dec., 1987	3325.6	107.422	107.277	2.09506e+06	9.92543	60
Jan., 1988	3293.6	106.245	106.245	2.09835e+06	9.66723	60
Feb., 1988	3082	106.429	106.276	2.10144e+06	10.2768	60
Mar., 1988	3286.6	106.305	106.019	2.10472e+06	9.83874	60
Apr., 1988	3199.5	106.947	106.65	2.10792e+06	9.34571	60
May., 1988	3391.5	109.55	109.403	2.11131e+06	10.3009	60
Jun., 1988	3027.3	102.044	100.91	2.11434e+06	9.31034	60
Jul., 1988	3116.9	101.638	100.545	2.11746e+06	9.1745	60
Aug., 1988	3255.3	105.863	105.01	2.12071e+06	10.3501	60
Sep., 1988	3191.7	106.984	106.39	2.1239e+06	10.3196	60
Oct., 1988	3283	106.189	105.903	2.12719e+06	10.3347	60
Nov., 1988	3126.3	104.21	104.21	2.13031e+06	10.4238	60
Dec., 1988	3247.7	104.906	104.765	2.13356e+06	11.2747	60
Jan., 1989	3064.1	99.1083	98.8419	2.13662e+06	10.3972	60
Feb., 1989	3119.6	111.414	111.414	2.13974e+06	10.1505	60
Mar., 1989	3190.2	103.466	102.91	2.14293e+06	9.89302	60
Apr., 1989	3017.1	101.843	100.57	2.14595e+06	10.4018	60
May., 1989	3114	101.543	100.452	2.14907e+06	11.5684	60
Jun., 1989	3030.1	103.152	101.003	2.1521e+06	10.803	60
Jul., 1989	3128.9	101.204	100.932	2.15522e+06	10.2871	60
Aug., 1989	3058.7	99.2011	98.6678	2.15828e+06	10.3994	60

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Production Data from January, 1954 to December, 1996 (cont.)

Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1989	2973.1	99.3794	99.1033	2.16126e+06	10.736	60
Oct., 1989	3088.6	99.6323	99.6323	2.16434e+06	9.83423	60
Nov., 1989	2941.1	98.3097	98.0367	2.16729e+06	10.1314	60
Dec., 1989	3077.4	99.2709	99.2709	2.17036e+06	10.582	60
Jan., 1990	3028.3	97.6871	97.6871	2.17339e+06	10.8197	60
Feb., 1990	2744.5	98.0179	98.0179	2.17614e+06	10.5713	60
Mar., 1990	2941.8	96.4524	94.8968	2.17908e+06	10.4902	60
Apr., 1990	2845.5	99.9883	94.85	2.18192e+06	9.94939	60
May., 1990	2944.7	98.0205	94.9903	2.18487e+06	11.0293	60
Jun., 1990	2908.3	97.4849	96.9434	2.18778e+06	11.1326	60
Jul., 1990	2826	91.9025	91.1613	2.1906e+06	11.4313	60
Aug., 1990	2876.4	95.0876	92.7871	2.19348e+06	10.1492	60
Sep., 1990	2661.4	92.7048	88.7133	2.19614e+06	10.0476	59
Oct., 1990	2781.7	91.957	89.7323	2.19892e+06	9.22774	56
Nov., 1990	2774.8	94.3275	92.4934	2.2017e+06	11.747	60
Dec., 1990	2896.3	93.5548	93.4291	2.20459e+06	11.7214	60
Jan., 1991	2805.5	90.7439	90.5	2.2074e+06	12.371	60
Feb., 1991	2524	90.955	90.1429	2.20992e+06	12.0444	60
Mar., 1991	2608.4	91.5228	84.1419	2.21253e+06	11.1305	60
Apr., 1991	2648.4	88.8974	88.28	2.21518e+06	10.8075	58
May., 1991	2567.1	86.2891	82.8097	2.21775e+06	9.73663	58
Jun., 1991	2559	85.8965	85.3	2.22031e+06	10.0114	58
Jul., 1991	2548.1	82.5295	82.1968	2.22285e+06	9.39465	58
Aug., 1991	2514.2	81.7626	81.1032	2.22537e+06	9.33024	58
Sep., 1991	2080.5	74.5254	69.35	2.22745e+06	11.5191	58
Oct., 1991	2571.8	84.0915	82.9613	2.23002e+06	11.6851	57
Nov., 1991	2351.5	78.4923	78.3833	2.23237e+06	11.999	56
Dec., 1991	2545.7	82.2299	82.1194	2.23492e+06	12.4696	56
Jan., 1992	2556.3	83.2445	82.4613	2.23747e+06	11.7972	56
Feb., 1992	2395.3	82.9541	82.5965	2.23987e+06	12.4053	55
Mar., 1992	2608.1	85.3948	84.1323	2.24248e+06	12.4714	55
Apr., 1992	2412.3	83.3025	80.41	2.24489e+06	13.7976	56
May., 1992	2554.4	84.7934	82.4	2.24744e+06	11.2987	55
Jun., 1992	2538.4	85.086	84.6133	2.24998e+06	12.0294	55
Jul., 1992	2585.1	84.1824	83.3903	2.25257e+06	12.6322	55
Aug., 1992	2531.1	82.3122	81.6484	2.2551e+06	11.7539	55
Sep., 1992	2491.8	83.524	83.06	2.25759e+06	12.0055	55
Oct., 1992	2624.2	84.8798	84.6516	2.26021e+06	11.4757	55
Nov., 1992	2489.9	83.2279	82.9967	2.2627e+06	13.8597	55
Dec., 1992	2531.7	81.7776	81.6677	2.26524e+06	13.3086	55
Jan., 1993	2400.2	78.4807	77.4258	2.26764e+06	13.5728	55
Feb., 1993	2229.5	81.6916	79.625	2.26987e+06	13.1547	55
Mar., 1993	2472.1	80.5026	79.7452	2.27234e+06	12.4952	55
Apr., 1993	2316.7	78.311	77.2233	2.27465e+06	13.2107	55
May., 1993	2394.1	77.4372	77.229	2.27705e+06	13.109	55
Jun., 1993	2337.2	78.3419	77.9067	2.27939e+06	10.9301	55
Jul., 1993	2497.7	80.8972	80.571	2.28188e+06	9.70801	55
Aug., 1993	2445.4	79.8498	78.8839	2.28433e+06	9.85176	55

Production Report

Group : VRU No. 1 (excluding new wells)
Well : VRU No. 1 Old Oil Wells
: 000000218

Date : 8/28/97 3:51:16 pm
User : Ludwig

Production Data from January, 1954 to December, 1996 (cont.)

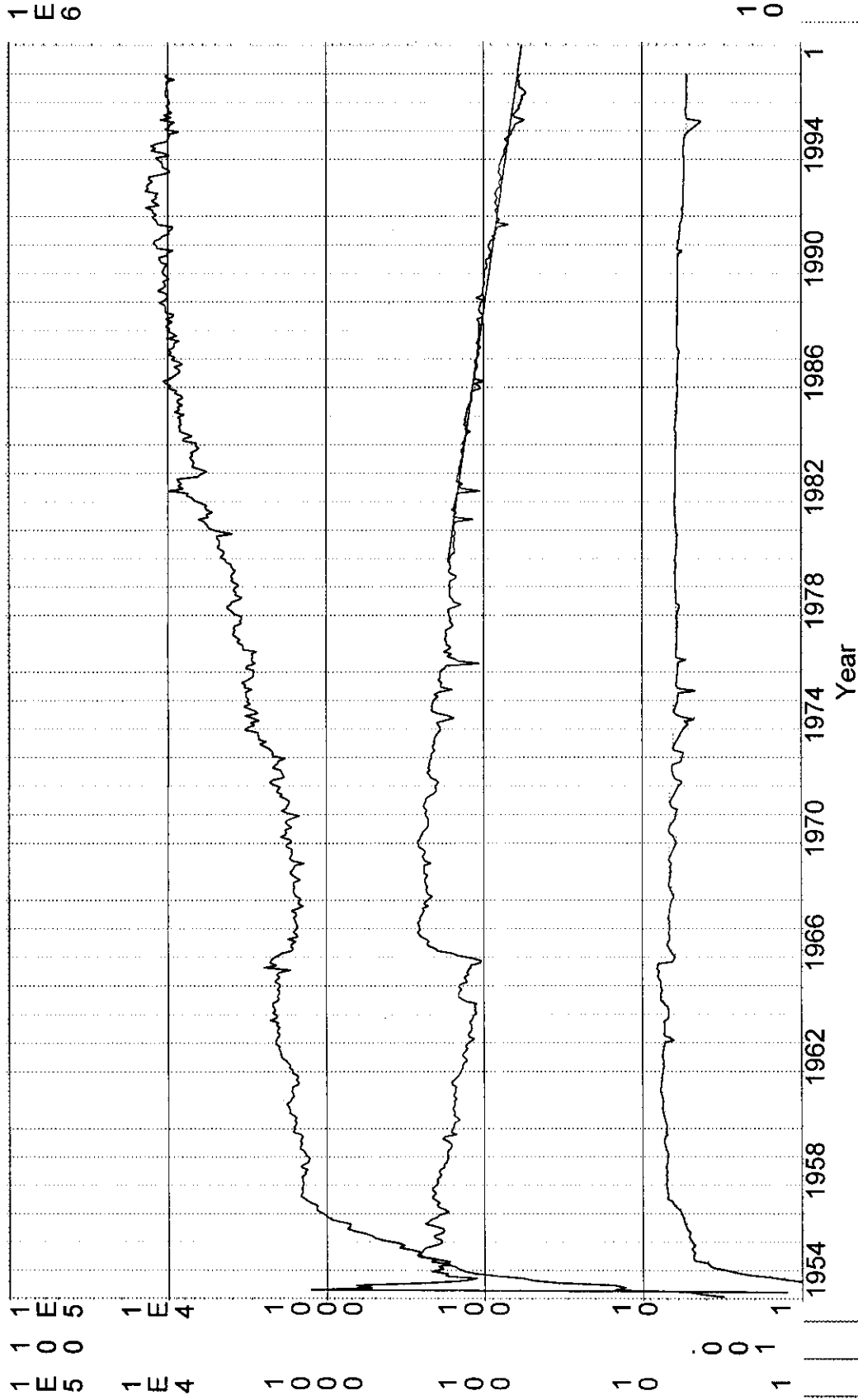
Year	Monthly Oil m3	Avg Daily Oil m3/d	Cal Day Oil m3/d	Cum Oil m3	WOR m3/m3	Num Wells
Sep., 1993	2388.7	79.9565	79.6233	2.28672e+06	10.7224	55
Oct., 1993	2455.7	79.2161	79.2161	2.28917e+06	10.7924	55
Nov., 1993	2335.7	79.0646	77.8567	2.29151e+06	10.8999	55
Dec., 1993	2398.3	78.3118	77.3645	2.29391e+06	10.906	55
Jan., 1994	2351	76.1457	75.8387	2.29626e+06	11.9205	54
Feb., 1994	2084.8	74.791	74.4572	2.29834e+06	9.78592	54
Mar., 1994	2264.2	74.1348	73.0387	2.30061e+06	10.5652	55
Apr., 1994	2219.6	74.0896	73.9867	2.30283e+06	12.7298	55
May., 1994	2250.3	72.8842	72.5903	2.30508e+06	11.8516	55
Jun., 1994	2160.7	73.3477	72.0233	2.30724e+06	12.8179	55
Jul., 1994	2144.7	71.095	69.1839	2.30938e+06	11.7022	55
Aug., 1994	2193.8	71.8297	70.7677	2.31158e+06	10.1077	55
Sep., 1994	2206.5	75.4359	73.55	2.31378e+06	9.93632	55
Oct., 1994	2142.6	69.7726	69.1161	2.31593e+06	9.79249	54
Nov., 1994	2000.1	69.468	66.67	2.31793e+06	9.85626	54
Dec., 1994	2057.7	66.4668	66.3774	2.31998e+06	8.54182	52
Jan., 1995	2009.4	64.9066	64.8194	2.32199e+06	10.3688	52
Feb., 1995	1783.1	63.777	63.6821	2.32378e+06	9.80332	52
Mar., 1995	1963	63.751	63.3226	2.32574e+06	9.69939	52
Apr., 1995	1782.4	66.6318	59.4133	2.32752e+06	9.07546	52
May., 1995	1697.1	55.0411	54.7452	2.32922e+06	11.1603	42
Jun., 1995	1850	68.6244	61.6667	2.33107e+06	9.50692	52
Jul., 1995	2021.8	65.7496	65.2193	2.33309e+06	10.5627	52
Aug., 1995	1951.3	64.4171	62.9452	2.33504e+06	9.41844	52
Sep., 1995	1839.4	61.3986	61.3133	2.33688e+06	9.9433	52
Oct., 1995	1823.5	60.1981	58.8226	2.3387e+06	9.89224	53
Nov., 1995	1796.6	59.8867	59.8867	2.3405e+06	10.1658	52
Dec., 1995	1793.7	57.8613	57.8613	2.3423e+06	9.65808	52
Jan., 1996	1790.8	58.3164	57.7677	2.34409e+06	9.9268	52
Feb., 1996	1642.7	57.9776	56.6448	2.34573e+06	9.9051	52
Mar., 1996	1770.8	58.1385	57.1226	2.3475e+06	10.2685	52
Apr., 1996	1614.7	59.4368	53.8233	2.34911e+06	10.2897	52
May., 1996	1681.9	57.7476	54.2548	2.3508e+06	10.3448	52
Jun., 1996	1695.7	58.1383	56.5233	2.35249e+06	10.1345	52
Jul., 1996	1839.4	59.5757	59.3355	2.35433e+06	10.049	52
Aug., 1996	1840.6	59.3742	59.3742	2.35617e+06	10.1423	52
Sep., 1996	1768.2	58.94	58.94	2.35794e+06	10.1994	52
Oct., 1996	1879.7	60.7171	60.6355	2.35982e+06	9.01857	52
Nov., 1996	1802.3	60.244	60.0767	2.36162e+06	10.2945	52
Dec., 1996	1814	58.5161	58.5161	2.36344e+06	10.1687	52

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 169.435 m3/d, Nov, 1979
 qf: 0.457452 m3/d, Nov, 2078
 di(Exp): 5.7946 CTD: 2.36344e+06 m3
 RR: 369031 m3 Tot: 2.73247e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:04:51 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

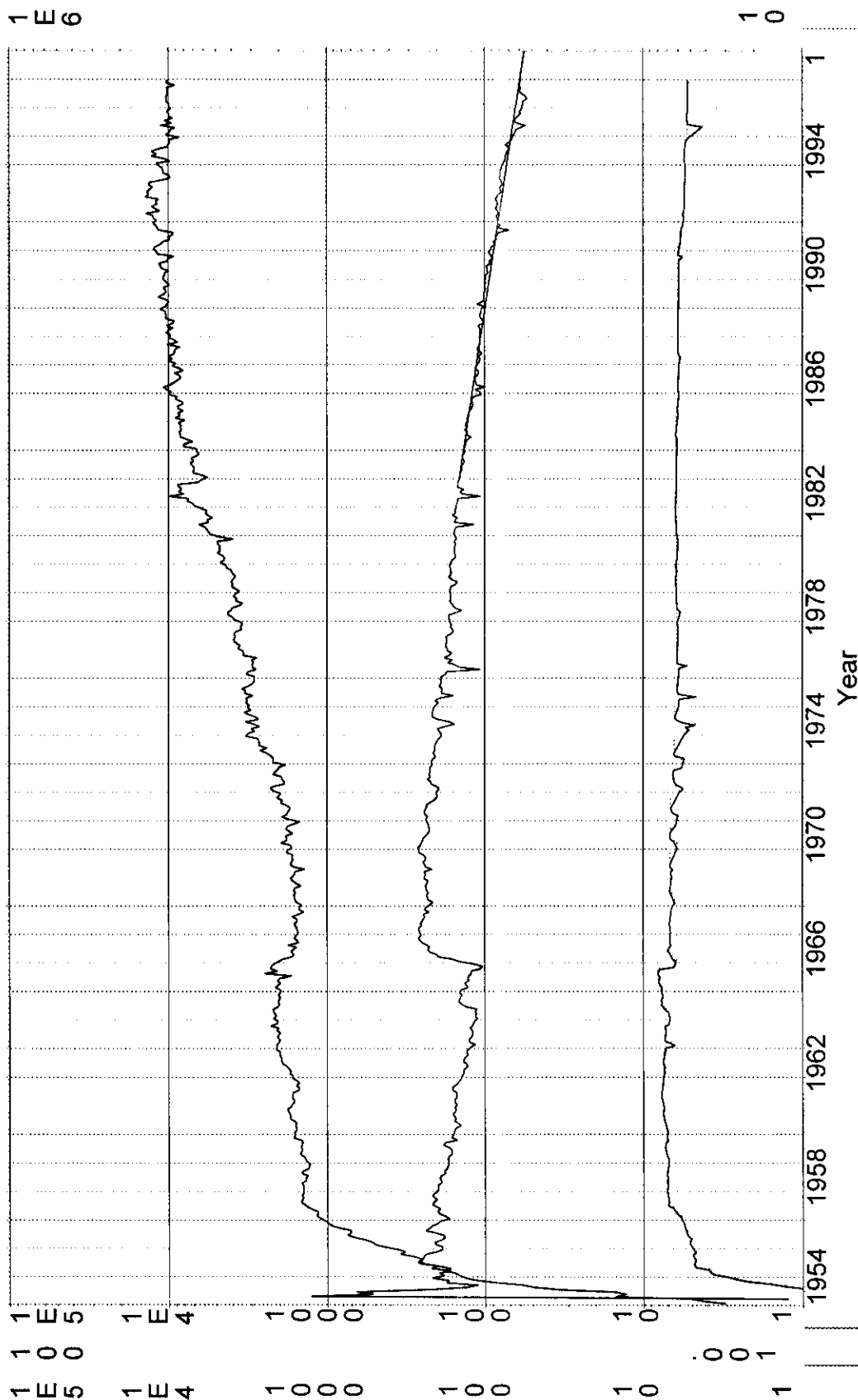
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	72.3741
Feb., 1994	74.4572	72.015
Mar., 1994	73.0387	71.6577
Apr., 1994	73.9867	71.3021
May., 1994	72.5903	70.9483
Jun., 1994	72.0233	70.5963
Jul., 1994	69.1839	70.246
Aug., 1994	70.7677	69.8974
Sep., 1994	73.55	69.5506
Oct., 1994	69.1161	69.2055
Nov., 1994	66.67	68.8621
Dec., 1994	66.3774	68.5204
Jan., 1995	64.8194	68.1804
Feb., 1995	63.6821	67.842
Mar., 1995	63.3226	67.5054
Apr., 1995	59.4133	67.1704
May., 1995	54.7452	66.8371
Jun., 1995	61.6667	66.5055
Jul., 1995	65.2193	66.1755
Aug., 1995	62.9452	65.8471
Sep., 1995	61.3133	65.5204
Oct., 1995	58.8226	65.1953
Nov., 1995	59.8867	64.8718
Dec., 1995	57.8613	64.5499
Jan., 1996	57.7677	64.0541
Feb., 1996	56.6448	63.7362
Mar., 1996	57.1226	63.42
Apr., 1996	53.8233	63.1053
May., 1996	54.2548	62.7922
Jun., 1996	56.5233	62.4806
Jul., 1996	59.3355	62.1705
Aug., 1996	59.3742	61.8621
Sep., 1996	58.94	61.5551
Oct., 1996	60.6355	61.2497
Nov., 1996	60.0767	60.9457
Dec., 1996	58.5161	60.6433
Jan., 1997		60.5077
Feb., 1997		60.2075
Mar., 1997		59.9087
Apr., 1997		59.6115
May., 1997		59.3157
Jun., 1997		59.0213

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 145.628 m3/d, Dec, 1982
 qf: 0.273836 m3/d, Dec, 2081
 di(Exp): 6.13789 CTD: 2.36344e+06 m3
 RR: 342301 m3 Tot: 2.70574e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Year



Num Wells

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:05:33 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

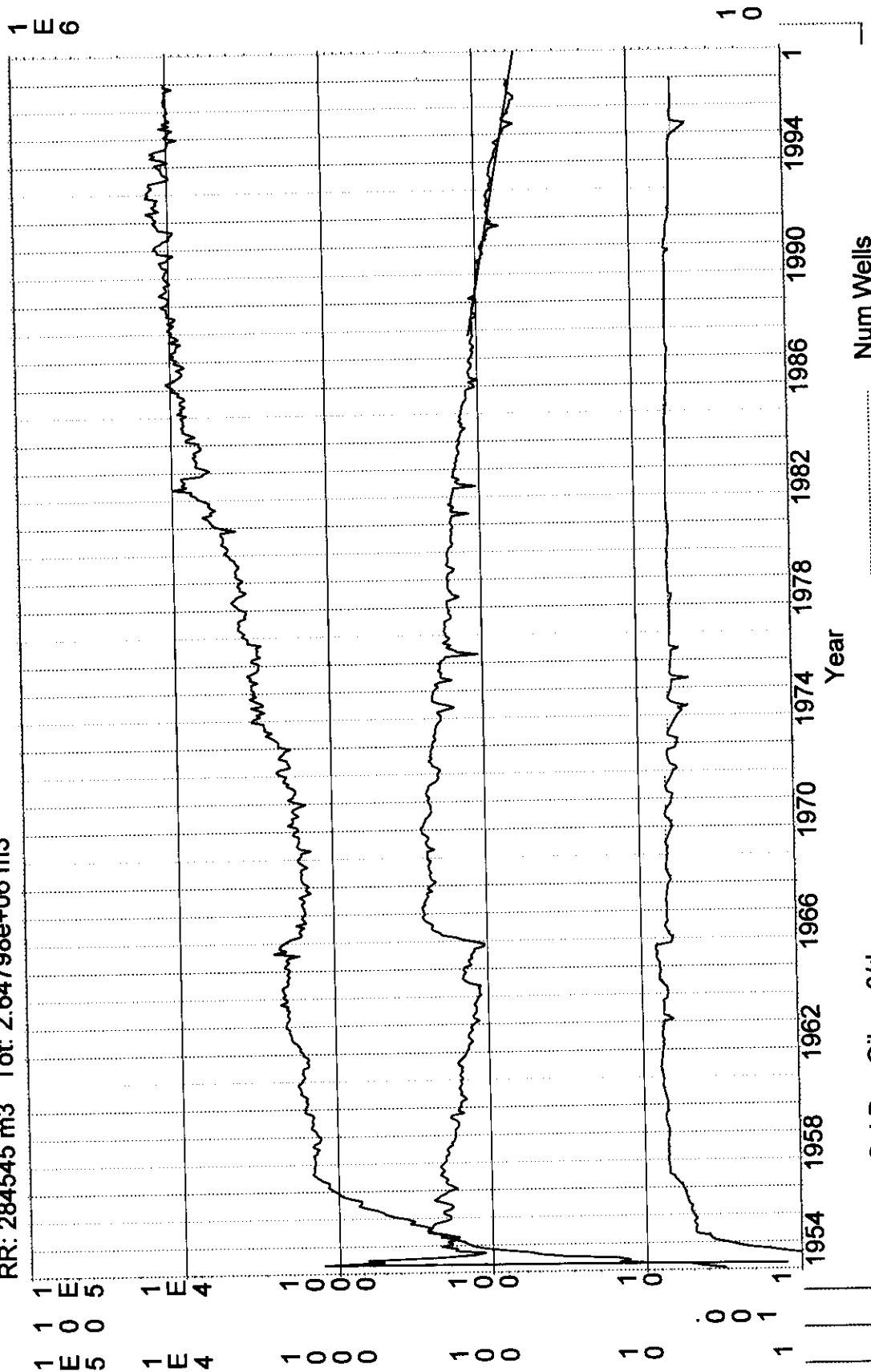
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	71.7878
Feb., 1994	74.4572	71.4099
Mar., 1994	73.0387	71.0339
Apr., 1994	73.9867	70.6599
May., 1994	72.5903	70.2879
Jun., 1994	72.0233	69.9179
Jul., 1994	69.1839	69.5498
Aug., 1994	70.7677	69.1836
Sep., 1994	73.55	68.8194
Oct., 1994	69.1161	68.4571
Nov., 1994	66.67	68.0967
Dec., 1994	66.3774	67.7382
Jan., 1995	64.8194	67.3815
Feb., 1995	63.6821	67.0268
Mar., 1995	63.3226	66.6739
Apr., 1995	59.4133	66.3229
May., 1995	54.7452	65.9737
Jun., 1995	61.6667	65.6264
Jul., 1995	65.2193	65.2809
Aug., 1995	62.9452	64.9372
Sep., 1995	61.3133	64.5953
Oct., 1995	58.8226	64.2553
Nov., 1995	59.8867	63.917
Dec., 1995	57.8613	63.5805
Jan., 1996	57.7677	63.0729
Feb., 1996	56.6448	62.7409
Mar., 1996	57.1226	62.4106
Apr., 1996	53.8233	62.082
May., 1996	54.2548	61.7551
Jun., 1996	56.5233	61.43
Jul., 1996	59.3355	61.1066
Aug., 1996	59.3742	60.7849
Sep., 1996	58.94	60.4649
Oct., 1996	60.6355	60.1466
Nov., 1996	60.0767	59.8299
Dec., 1996	58.5161	59.5149
Jan., 1997		59.3638
Feb., 1997		59.0513
Mar., 1997		58.7404
Apr., 1997		58.4311
May., 1997		58.1235
Jun., 1997		57.8175

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 113.798 m3/d, Oct, 1987
 qf: 0.0765644 m3/d, Oct, 2086
 di(Exp): 7.10647 CTD: 2.36344e+06 m3
 RR: 284545 m3 Tot: 2.64798e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



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



Num Wells

Production Report

Group : VRU No. 1 (excluding new wells)	Date : 9/4/97 11:15:39 am
Well : VRU No. 1 Old Oil Wells	User : Ludwig
: 000000218	
Hist.Data : 01/54-12/96	On Prod : 02/09
Operator :	Status : Unknown
Field :	Zone :

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	71.347
Feb., 1994	74.4572	70.91
Mar., 1994	73.0387	70.4758
Apr., 1994	73.9867	70.0442
May., 1994	72.5903	69.6152
Jun., 1994	72.0233	69.1889
Jul., 1994	69.1839	68.7651
Aug., 1994	70.7677	68.344
Sep., 1994	73.55	67.9255
Oct., 1994	69.1161	67.5095
Nov., 1994	66.67	67.096
Dec., 1994	66.3774	66.6851
Jan., 1995	64.8194	66.2767
Feb., 1995	63.6821	65.8708
Mar., 1995	63.3226	65.4674
Apr., 1995	59.4133	65.0665
May., 1995	54.7452	64.668
Jun., 1995	61.6667	64.272
Jul., 1995	65.2193	63.8784
Aug., 1995	62.9452	63.4872
Sep., 1995	61.3133	63.0984
Oct., 1995	58.8226	62.7119
Nov., 1995	59.8867	62.3279
Dec., 1995	57.8613	61.9462
Jan., 1996	57.7677	61.3986
Feb., 1996	56.6448	61.0226
Mar., 1996	57.1226	60.6488
Apr., 1996	53.8233	60.2774
May., 1996	54.2548	59.9083
Jun., 1996	56.5233	59.5414
Jul., 1996	59.3355	59.1767
Aug., 1996	59.3742	58.8143
Sep., 1996	58.94	58.4541
Oct., 1996	60.6355	58.0961
Nov., 1996	60.0767	57.7404
Dec., 1996	58.5161	57.3867
Jan., 1997		57.1916
Feb., 1997		56.8413
Mar., 1997		56.4932
Apr., 1997		56.1472
May., 1997		55.8034
Jun., 1997		55.4616

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 106.507 m3/d, Dec, 1988

qf: 0.04933 m3/d, Dec, 2087

di(Exp): 7.45843 CTD: 2.36344e+06 m3

RR: 268536 m3 Tot: 2.63197e+06 m3

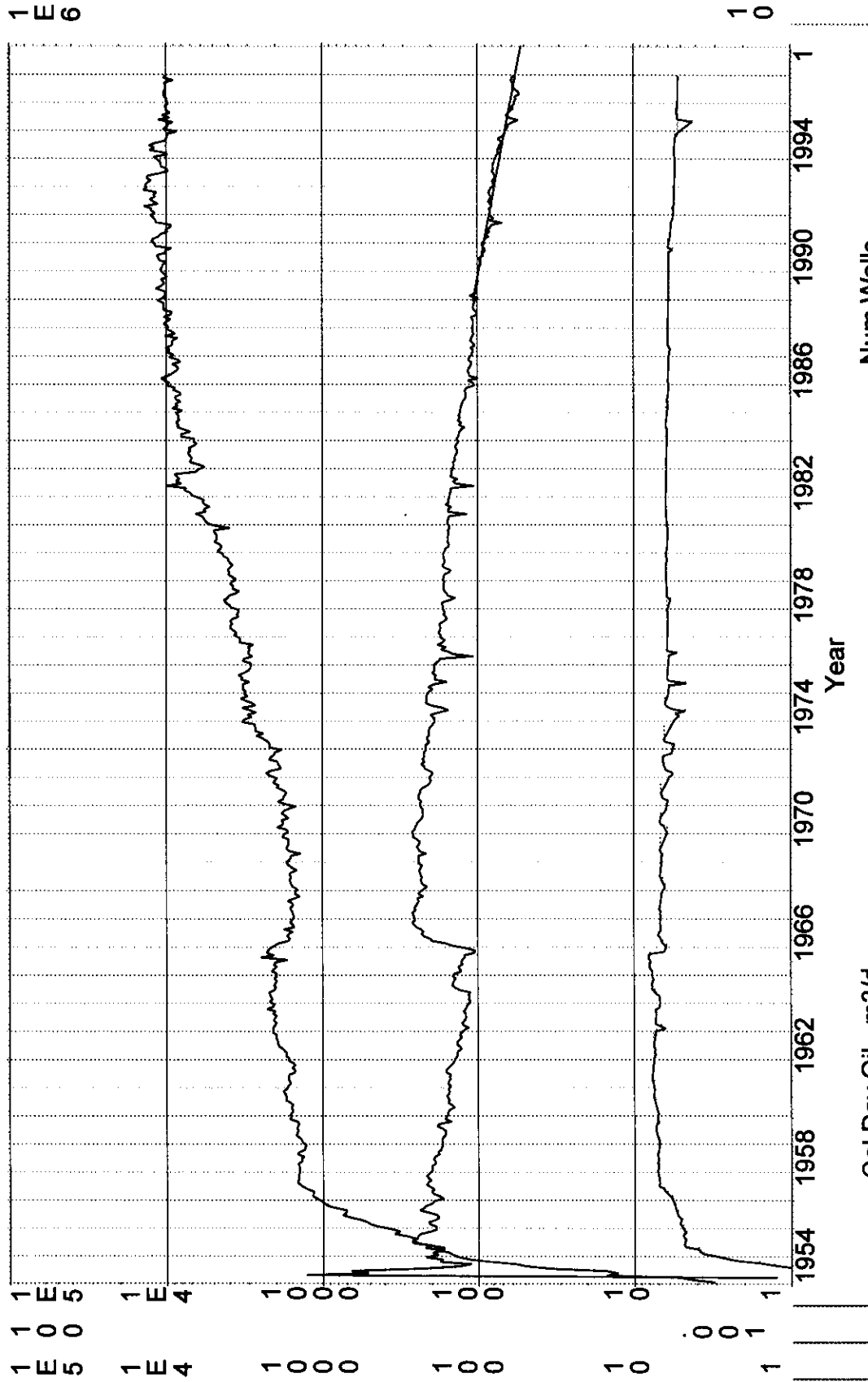
Production Cums

Oil: 2.36343e+06 m3

Gas: 0 E6m3

Water: 9.12296e+06 m3

Cond: 0 m3



Year

Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 9/4/97 11:16:42 am
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

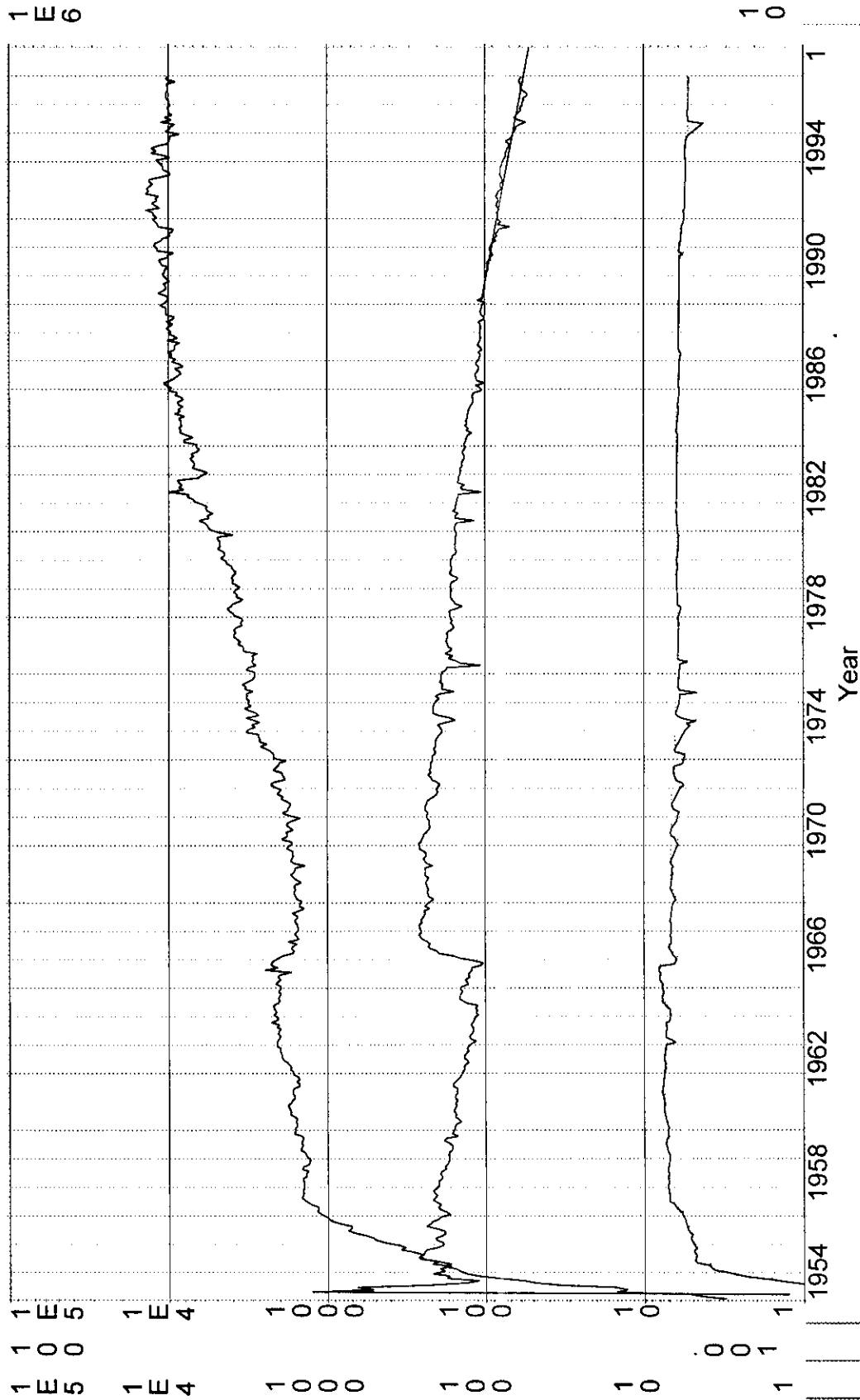
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	71.5548
Feb., 1994	74.4572	71.0941
Mar., 1994	73.0387	70.6364
Apr., 1994	73.9867	70.1816
May., 1994	72.5903	69.7297
Jun., 1994	72.0233	69.2807
Jul., 1994	69.1839	68.8347
Aug., 1994	70.7677	68.3915
Sep., 1994	73.55	67.9511
Oct., 1994	69.1161	67.5136
Nov., 1994	66.67	67.079
Dec., 1994	66.3774	66.6471
Jan., 1995	64.8194	66.2179
Feb., 1995	63.6821	65.7916
Mar., 1995	63.3226	65.368
Apr., 1995	59.4133	64.9471
May., 1995	54.7452	64.529
Jun., 1995	61.6667	64.1135
Jul., 1995	65.2193	63.7007
Aug., 1995	62.9452	63.2906
Sep., 1995	61.3133	62.8831
Oct., 1995	58.8226	62.4782
Nov., 1995	59.8867	62.0759
Dec., 1995	57.8613	61.6762
Jan., 1996	57.7677	61.1117
Feb., 1996	56.6448	60.7182
Mar., 1996	57.1226	60.3273
Apr., 1996	53.8233	59.9389
May., 1996	54.2548	59.553
Jun., 1996	56.5233	59.1695
Jul., 1996	59.3355	58.7886
Aug., 1996	59.3742	58.4101
Sep., 1996	58.94	58.034
Oct., 1996	60.6355	57.6603
Nov., 1996	60.0767	57.2891
Dec., 1996	58.5161	56.9202
Jan., 1997		56.7087
Feb., 1997		56.3436
Mar., 1997		55.9808
Apr., 1997		55.6204
May., 1997		55.2622
Jun., 1997		54.9064

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 105.866 m3/d, Jan, 1989
 qf: 0.0483844 m3/d, Jan, 2088
 di(Exp): 7.46576 CTD: 2.36344e+06 m3
 RR: 267476 m3 Tot: 2.63091e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:06:14 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

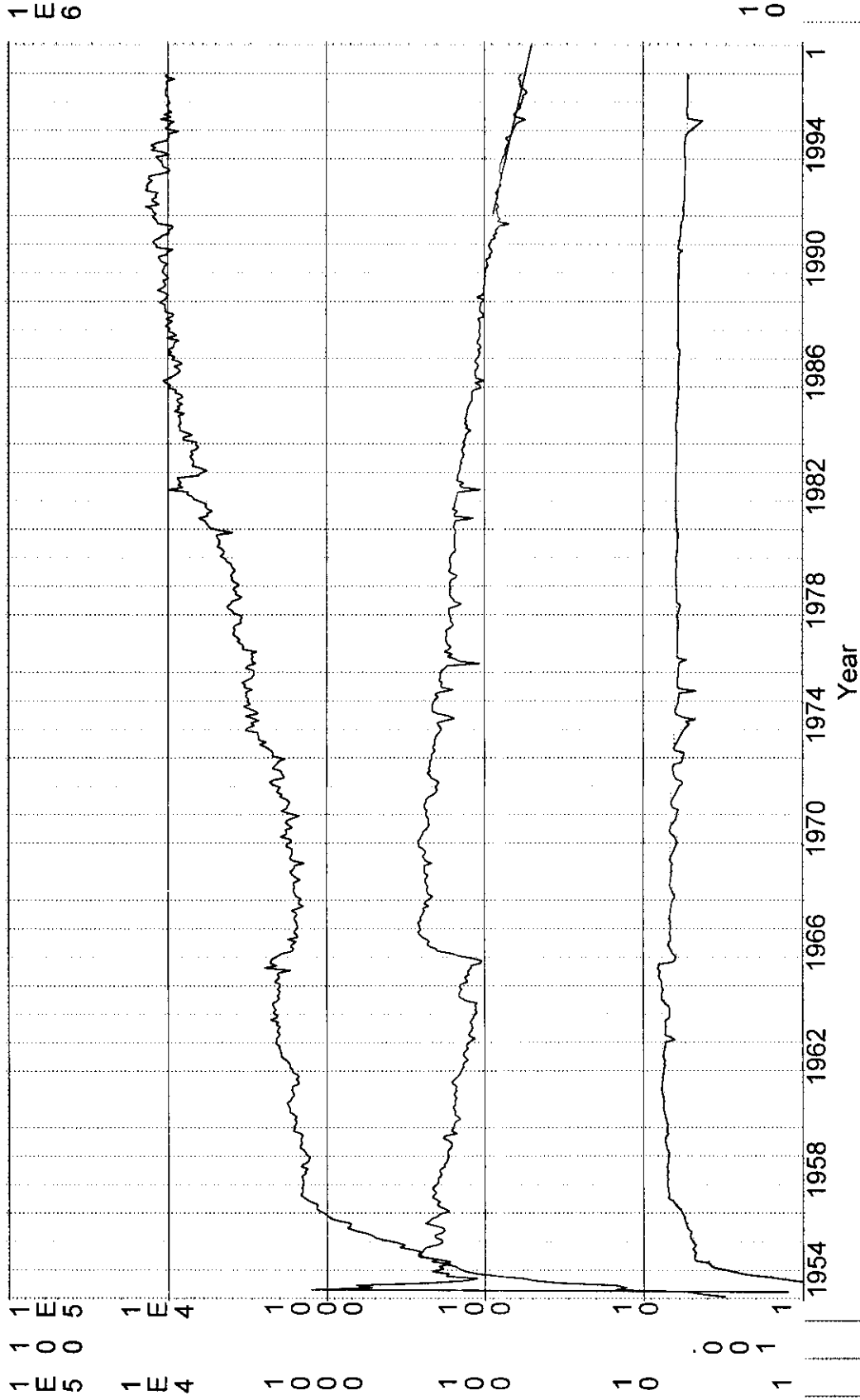
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	71.3609
Feb., 1994	74.4572	70.901
Mar., 1994	73.0387	70.444
Apr., 1994	73.9867	69.99
May., 1994	72.5903	69.5389
Jun., 1994	72.0233	69.0907
Jul., 1994	69.1839	68.6454
Aug., 1994	70.7677	68.203
Sep., 1994	73.55	67.7634
Oct., 1994	69.1161	67.3267
Nov., 1994	66.67	66.8927
Dec., 1994	66.3774	66.4616
Jan., 1995	64.8194	66.0333
Feb., 1995	63.6821	65.6077
Mar., 1995	63.3226	65.1848
Apr., 1995	59.4133	64.7647
May., 1995	54.7452	64.3473
Jun., 1995	61.6667	63.9326
Jul., 1995	65.2193	63.5205
Aug., 1995	62.9452	63.1111
Sep., 1995	61.3133	62.7044
Oct., 1995	58.8226	62.3002
Nov., 1995	59.8867	61.8987
Dec., 1995	57.8613	61.4997
Jan., 1996	57.7677	60.9364
Feb., 1996	56.6448	60.5437
Mar., 1996	57.1226	60.1535
Apr., 1996	53.8233	59.7658
May., 1996	54.2548	59.3806
Jun., 1996	56.5233	58.9979
Jul., 1996	59.3355	58.6176
Aug., 1996	59.3742	58.2398
Sep., 1996	58.94	57.8645
Oct., 1996	60.6355	57.4915
Nov., 1996	60.0767	57.121
Dec., 1996	58.5161	56.7528
Jan., 1997		56.5415
Feb., 1997		56.1771
Mar., 1997		55.8151
Apr., 1997		55.4553
May., 1997		55.0979
Jun., 1997		54.7428

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 88.531 m3/d, Jan, 1992
 qf: 0.00764617 m3/d, Jan, 2091
 di(Exp): 9.0138 CTD: 2.36344e+06 m3
 RR: 213863 m3 Tot: 2.5773e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group : VRU No. 1 (excluding new wells)
 Well : VRU No. 1 Old Oil Wells
 : 000000218
 Hist.Data : 01/54-12/96
 Operator :
 Field :

Date : 8/28/97 4:07:03 pm
 User : Ludwig
 On Prod : 02/09
 Status : Unknown
 Zone :

Production Data from January, 1994 to June, 1997

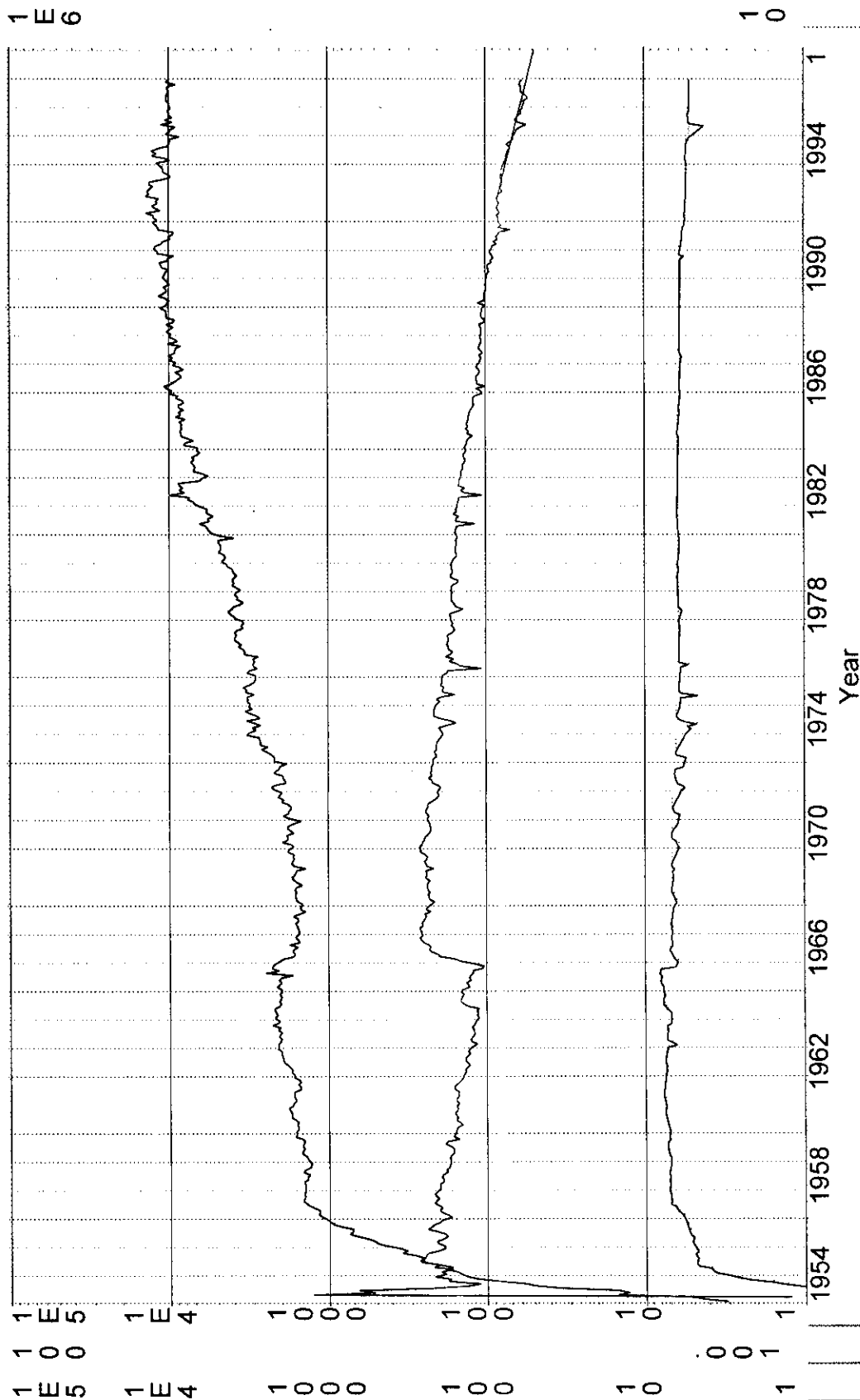
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	72.9149
Feb., 1994	74.4572	72.3431
Mar., 1994	73.0387	71.7759
Apr., 1994	73.9867	71.2131
May., 1994	72.5903	70.6547
Jun., 1994	72.0233	70.1007
Jul., 1994	69.1839	69.5511
Aug., 1994	70.7677	69.0057
Sep., 1994	73.55	68.4647
Oct., 1994	69.1161	67.9278
Nov., 1994	66.67	67.3952
Dec., 1994	66.3774	66.8668
Jan., 1995	64.8194	66.3425
Feb., 1995	63.6821	65.8223
Mar., 1995	63.3226	65.3062
Apr., 1995	59.4133	64.7941
May., 1995	54.7452	64.2861
Jun., 1995	61.6667	63.782
Jul., 1995	65.2193	63.2819
Aug., 1995	62.9452	62.7857
Sep., 1995	61.3133	62.2934
Oct., 1995	58.8226	61.805
Nov., 1995	59.8867	61.3203
Dec., 1995	57.8613	60.8395
Jan., 1996	57.7677	60.1976
Feb., 1996	56.6448	59.7256
Mar., 1996	57.1226	59.2573
Apr., 1996	53.8233	58.7926
May., 1996	54.2548	58.3316
Jun., 1996	56.5233	57.8743
Jul., 1996	59.3355	57.4205
Aug., 1996	59.3742	56.9702
Sep., 1996	58.94	56.5235
Oct., 1996	60.6355	56.0803
Nov., 1996	60.0767	55.6406
Dec., 1996	58.5161	55.2043
Jan., 1997		54.9215
Feb., 1997		54.4909
Mar., 1997		54.0636
Apr., 1997		53.6397
May., 1997		53.2192
Jun., 1997		52.8019

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 82.9807 m3/d, Dec, 1992
 qf: 0.0030766 m3/d, Dec, 2091
 di(Exp): 9.78702 CTD: 2.36344e+06 m3
 RR: 193623 m3 Tot: 2.55706e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:08:12 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

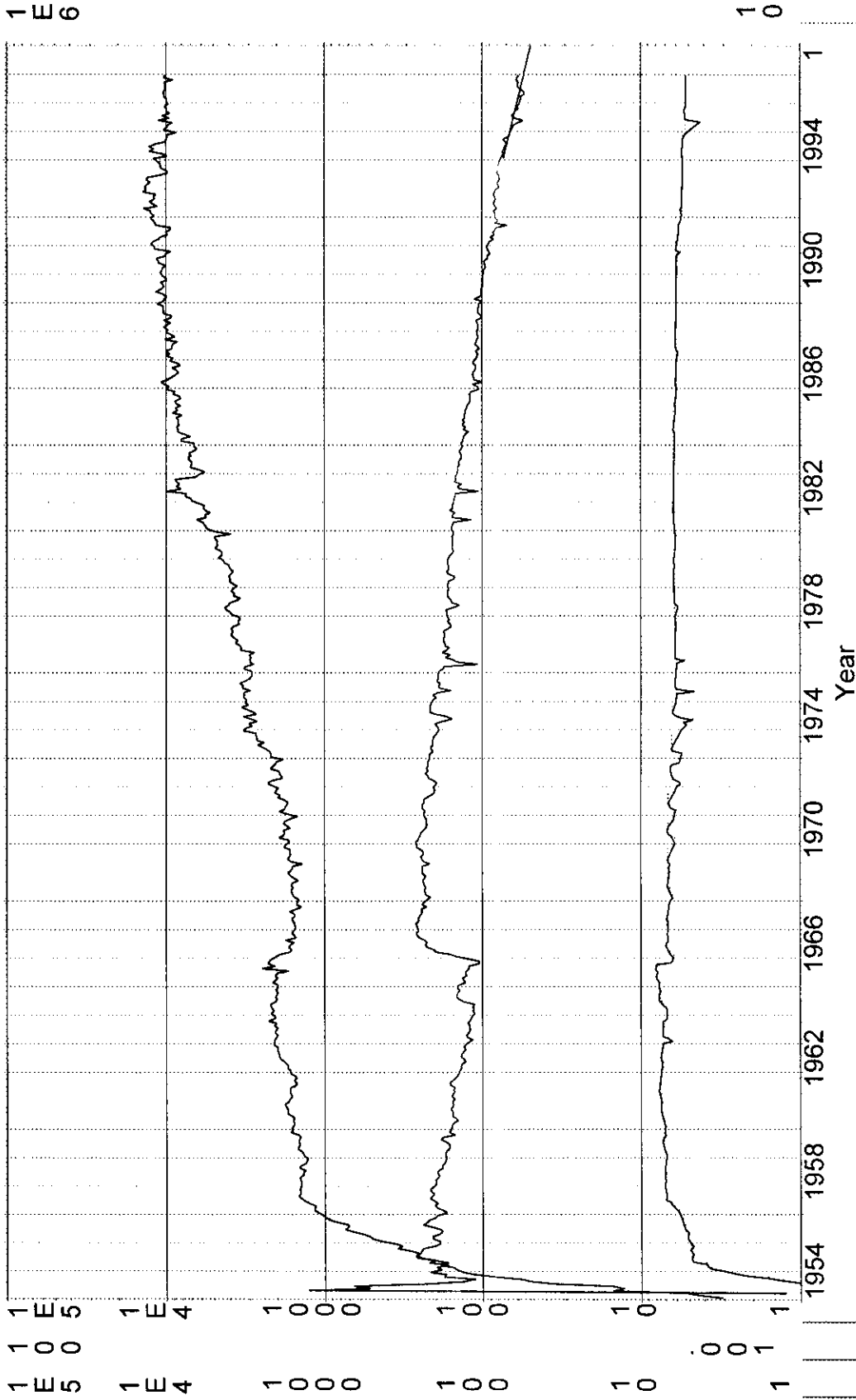
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	73.7866
Feb., 1994	74.4572	73.156
Mar., 1994	73.0387	72.5307
Apr., 1994	73.9867	71.9109
May., 1994	72.5903	71.2963
Jun., 1994	72.0233	70.687
Jul., 1994	69.1839	70.0829
Aug., 1994	70.7677	69.4839
Sep., 1994	73.55	68.8901
Oct., 1994	69.1161	68.3013
Nov., 1994	66.67	67.7176
Dec., 1994	66.3774	67.1389
Jan., 1995	64.8194	66.5651
Feb., 1995	63.6821	65.9962
Mar., 1995	63.3226	65.4321
Apr., 1995	59.4133	64.8729
May., 1995	54.7452	64.3185
Jun., 1995	61.6667	63.7688
Jul., 1995	65.2193	63.2238
Aug., 1995	62.9452	62.6835
Sep., 1995	61.3133	62.1478
Oct., 1995	58.8226	61.6167
Nov., 1995	59.8867	61.0901
Dec., 1995	57.8613	60.568
Jan., 1996	57.7677	59.8863
Feb., 1996	56.6448	59.3744
Mar., 1996	57.1226	58.867
Apr., 1996	53.8233	58.3639
May., 1996	54.2548	57.8651
Jun., 1996	56.5233	57.3706
Jul., 1996	59.3355	56.8803
Aug., 1996	59.3742	56.3942
Sep., 1996	58.94	55.9122
Oct., 1996	60.6355	55.4343
Nov., 1996	60.0767	54.9606
Dec., 1996	58.5161	54.4909
Jan., 1997		54.1732
Feb., 1997		53.7102
Mar., 1997		53.2512
Apr., 1997		52.7961
May., 1997		52.3449
Jun., 1997		51.8975

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 73.5505 m3/d, Jan, 1994
 qf: 0.00402442 m3/d, Jan, 2093
 di(Exp): 9.42947 CTD: 2.36344e+06 m3
 RR: 201368 m3 Tot: 2.5648e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:08:53 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to July, 1997

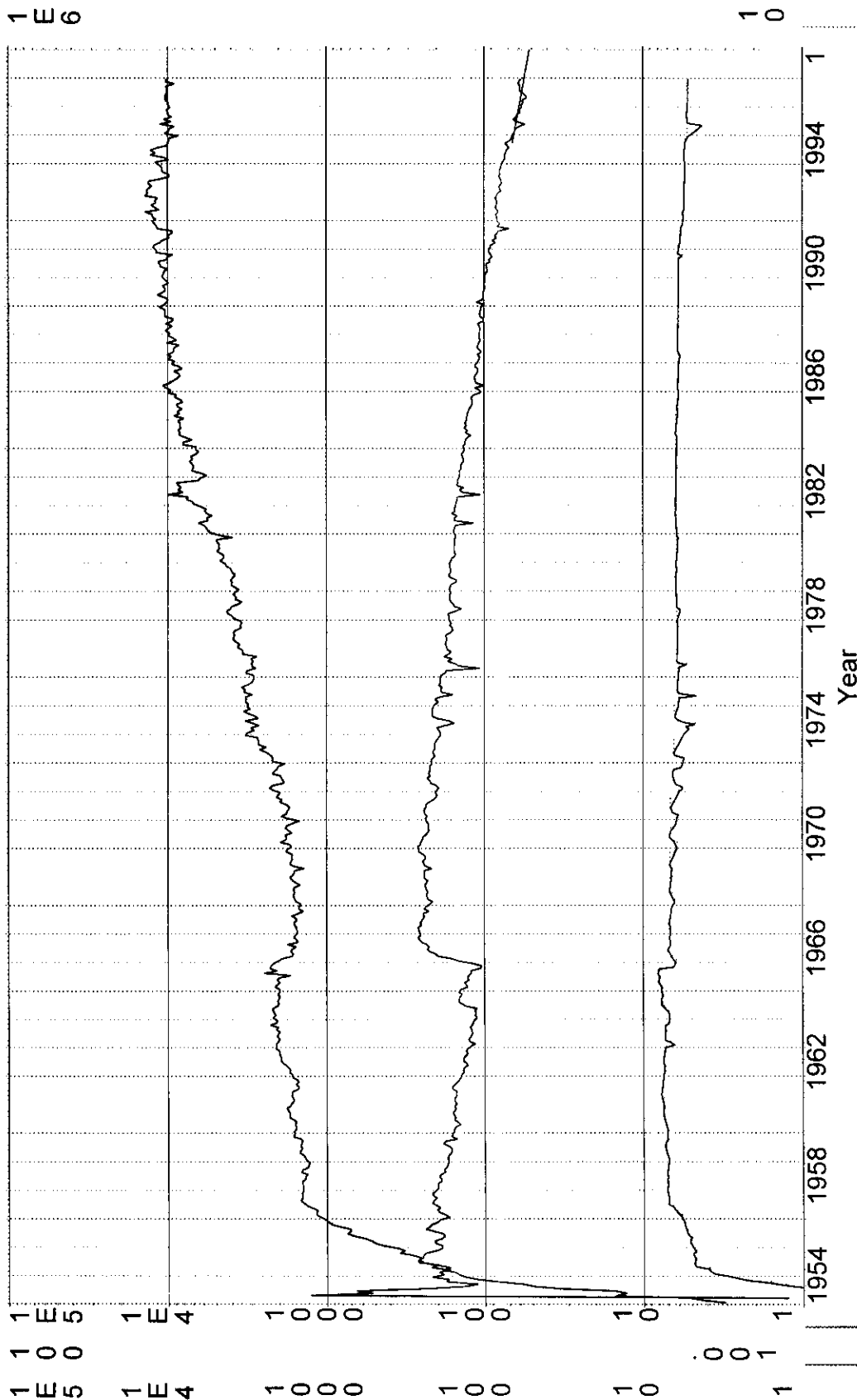
Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	72.9459
Feb., 1994	74.4572	72.3463
Mar., 1994	73.0387	71.7517
Apr., 1994	73.9867	71.1619
May., 1994	72.5903	70.577
Jun., 1994	72.0233	69.9969
Jul., 1994	69.1839	69.4216
Aug., 1994	70.7677	68.851
Sep., 1994	73.55	68.285
Oct., 1994	69.1161	67.7238
Nov., 1994	66.67	67.1671
Dec., 1994	66.3774	66.615
Jan., 1995	64.8194	66.0675
Feb., 1995	63.6821	65.5245
Mar., 1995	63.3226	64.9859
Apr., 1995	59.4133	64.4517
May., 1995	54.7452	63.922
Jun., 1995	61.6667	63.3966
Jul., 1995	65.2193	62.8755
Aug., 1995	62.9452	62.3587
Sep., 1995	61.3133	61.8461
Oct., 1995	58.8226	61.3378
Nov., 1995	59.8867	60.8336
Dec., 1995	57.8613	60.3336
Jan., 1996	57.7677	59.6742
Feb., 1996	56.6448	59.1837
Mar., 1996	57.1226	58.6972
Apr., 1996	53.8233	58.2148
May., 1996	54.2548	57.7363
Jun., 1996	56.5233	57.2617
Jul., 1996	59.3355	56.7911
Aug., 1996	59.3742	56.3243
Sep., 1996	58.94	55.8613
Oct., 1996	60.6355	55.4022
Nov., 1996	60.0767	54.9468
Dec., 1996	58.5161	54.4952
Jan., 1997		54.1953
Feb., 1997		53.7498
Mar., 1997		53.3081
Apr., 1997		52.8699
May., 1997		52.4353
Jun., 1997		52.0043
Jul., 1997		51.5769

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 66.3179 m3/d, Sep, 1994
 qf: 0.0430475 m3/d, Sep, 2093
 di(Exp): 7.14009 CTD: 2.36344e+06 m3
 RR: 274682 m3 Tot: 2.63812e+06 m3

Production Cums
 Oil: 2.36343e+06 m3
 Gas: 0 E6m3
 Water: 9.12296e+06 m3
 Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:09:44 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	
Feb., 1994	74.4572	
Mar., 1994	73.0387	
Apr., 1994	73.9867	
May., 1994	72.5903	
Jun., 1994	72.0233	
Jul., 1994	69.1839	
Aug., 1994	70.7677	
Sep., 1994	73.55	65.9096
Oct., 1994	69.1161	65.504
Nov., 1994	66.67	65.1008
Dec., 1994	66.3774	64.7002
Jan., 1995	64.8194	64.302
Feb., 1995	63.6821	63.9063
Mar., 1995	63.3226	63.513
Apr., 1995	59.4133	63.1221
May., 1995	54.7452	62.7337
Jun., 1995	61.6667	62.3476
Jul., 1995	65.2193	61.9639
Aug., 1995	62.9452	61.5826
Sep., 1995	61.3133	61.2036
Oct., 1995	58.8226	60.8269
Nov., 1995	59.8867	60.4526
Dec., 1995	57.8613	60.0806
Jan., 1996	57.7677	59.5477
Feb., 1996	56.6448	59.1812
Mar., 1996	57.1226	58.817
Apr., 1996	53.8233	58.455
May., 1996	54.2548	58.0953
Jun., 1996	56.5233	57.7378
Jul., 1996	59.3355	57.3824
Aug., 1996	59.3742	57.0293
Sep., 1996	58.94	56.6783
Oct., 1996	60.6355	56.3295
Nov., 1996	60.0767	55.9828
Dec., 1996	58.5161	55.6383
Jan., 1997		55.4474
Feb., 1997		55.1062
Mar., 1997		54.767
Apr., 1997		54.43
May., 1997		54.095
Jun., 1997		53.7621

VRU No. 1 Old Oil Wells Data 01/54-12/96

Historical Production (Rate-Time)

qi: 61.9909 m3/d, Jan, 1995

qf: 1.0128 m3/d, Jan, 2094

di(Exp): 4.06731 CTD: 2.36344e+06 m3

RR: 492587 m3 Tot: 2.85602e+06 m3

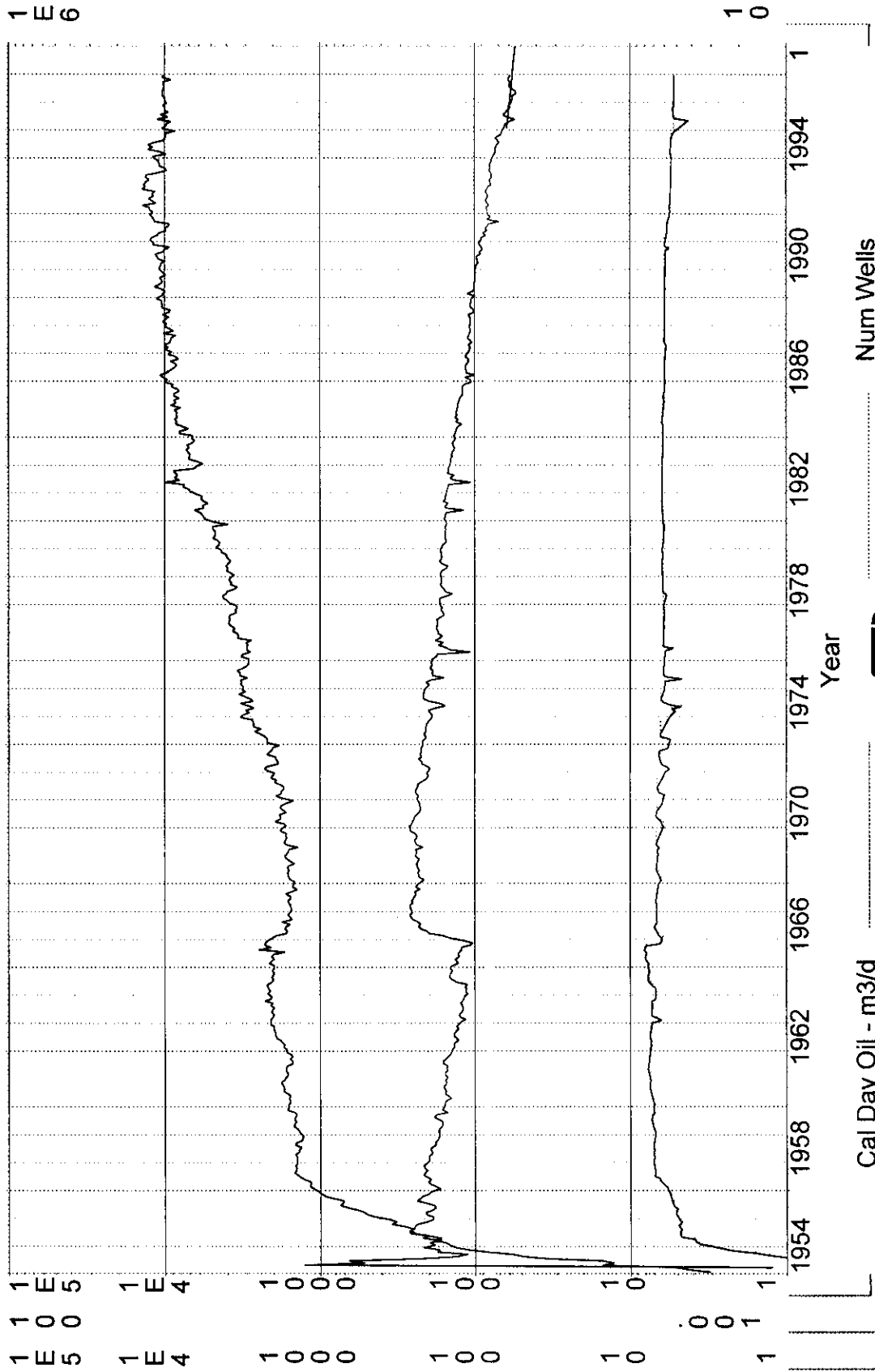
Production Cums

Oil: 2.36343e+06 m3

Gas: 0 E6m3

Water: 9.12296e+06 m3

Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Num Wells



Production Report

Group	: VRU No. 1 (excluding new wells)	Date	: 8/28/97 4:10:15 pm
Well	: VRU No. 1 Old Oil Wells	User	: Ludwig
	: 000000218		
Hist.Data	: 01/54-12/96	On Prod	: 02/09
Operator	:	Status	: Unknown
Field	:	Zone	:

Production Data from January, 1994 to June, 1997

Year	Cal Day Oil m3/d	Historical Production m3/d
Jan., 1994	75.8387	
Feb., 1994	74.4572	
Mar., 1994	73.0387	
Apr., 1994	73.9867	
May., 1994	72.5903	
Jun., 1994	72.0233	
Jul., 1994	69.1839	
Aug., 1994	70.7677	
Sep., 1994	73.55	
Oct., 1994	69.1161	
Nov., 1994	66.67	
Dec., 1994	66.3774	
Jan., 1995	64.8194	61.7768
Feb., 1995	63.6821	61.5634
Mar., 1995	63.3226	61.3507
Apr., 1995	59.4133	61.1388
May., 1995	54.7452	60.9276
Jun., 1995	61.6667	60.7171
Jul., 1995	65.2193	60.5074
Aug., 1995	62.9452	60.2984
Sep., 1995	61.3133	60.0901
Oct., 1995	58.8226	59.8825
Nov., 1995	59.8867	59.6757
Dec., 1995	57.8613	59.4695
Jan., 1996	57.7677	59.1022
Feb., 1996	56.6448	58.898
Mar., 1996	57.1226	58.6946
Apr., 1996	53.8233	58.4918
May., 1996	54.2548	58.2898
Jun., 1996	56.5233	58.0884
Jul., 1996	59.3355	57.8878
Aug., 1996	59.3742	57.6878
Sep., 1996	58.94	57.4886
Oct., 1996	60.6355	57.29
Nov., 1996	60.0767	57.0921
Dec., 1996	58.5161	56.8949
Jan., 1997		56.8537
Feb., 1997		56.6573
Mar., 1997		56.4616
Apr., 1997		56.2665
May., 1997		56.0722
Jun., 1997		55.8785

Production by Pool **(In cubic metres)** **January/1997**

28 AUG 1997

Report 1530

Code	Name	Unit	Fluid Type	January	YTD	Cumulative To Date
3-44H	Waskada- Mission Canyon 1 H	0	OIL			16.5
			H2O			206.1
3-44I	Waskada- Mission Canyon 1 I	0	OIL	.0	.0	231.6
			H2O	.0	.0	1,424.9
4-52A	Lulu Lake- Lodgepole WL A	0	OIL	30.7	30.7	50,993.0
			H2O	436.7	436.7	303,111.5
4-52B	Lulu Lake- Lodgepole WL B	0	OIL	70.2	70.2	22,316.6
			H2O	210.9	210.9	26,920.0
4-53	Lulu Lake- Lodgepole Virden	0	WIN	436.7	436.7	321,950.3
5-11	Virden- Ashville	0	WIN	.0	.0	1,492,550.4
5-59	Virden- Lodgepole	0	WIN			556,077.1
			H2O			903.4
5-59A	Virden- Lodgepole A	0	WIN	39,683.7	39,683.7	13,490,688.1
			OIL	1,180.6	1,180.6	1,275,240.5
			H2O	40,852.7	40,852.7	15,898,567.8
5-59A	Virden- Lodgepole A	1	WIN	63,849.0	63,849.0	28,206,828.4
			OIL	8,035.0	8,035.0	9,865,615.0
			H2O	62,932.1	62,932.1	22,311,411.4
5-59A	Virden- Lodgepole A	2	WIN	464.1	464.1	60,016.9
			OIL	361.1	361.1	78,315.9
			H2O	598.8	598.8	79,789.7
5-59B	Virden- Lodgepole B	0	WIN	38,466.2	38,466.2	18,394,841.1
			OIL	744.3	744.3	1,450,074.7
			H2O	39,538.6	39,538.6	20,190,358.5
5-59B	Virden- Lodgepole B	1	WIN	20,656.0	20,656.0	11,851,426.1
			OIL	2,327.7	2,327.7	2,415,849.9
			H2O	19,202.5	19,202.5	9,243,371.8
5-59B	Virden- Lodgepole B	2	WIN	14,395.0	14,395.0	9,239,453.0
			OIL	808.4	808.4	996,213.0
			H2O	14,196.1	14,196.1	6,812,372.1
5-59B	Virden- Lodgepole B	3	WIN	35,240.0	35,240.0	14,449,657.2
			OIL	1,733.2	1,733.2	2,342,002.9
			H2O	35,235.7	35,235.7	17,294,047.4
5-59C	Virden- Lodgepole C	0	WIN	14,647.1	14,647.1	1,713,054.7
			OIL	802.5	802.5	160,394.0
			H2O	14,668.6	14,668.6	1,558,689.4
5-59C	Virden- Lodgepole C	1	WIN	36,514.8	36,514.8	17,999,995.9
			OIL	1,141.9	1,141.9	2,143,979.6
			H2O	38,096.1	38,096.1	19,315,304.3
5-59D	Virden- Lodgepole D	0	OIL	70.1	70.1	52,234.8
			H2O	430.7	430.7	158,836.0
5-59D	Virden- Lodgepole D	1	WIN	11,182.5	11,182.5	3,368,156.0

Production by Pool **(In cubic metres)** **February/1997**

28 AUG 1997

Report 1530

Code	Name	Unit	Fluid Type	February	YTD	Cumulative To Date
3-44H	Waskada- Mission Canyon 1 H	0	OIL			16.5
			H2O			206.1
3-44I	Waskada- Mission Canyon 1 I	0	OIL	0	.0	231.6
			H2O	0	.0	1,424.9
4-52A	Lulu Lake- Lodgepole WL A	0	OIL	23.7	54.4	50,993.0
			H2O	388.2	824.9	303,111.5
4-52B	Lulu Lake- Lodgepole WL B	0	OIL	19.2	89.4	22,316.6
			H2O	145.0	355.9	26,920.0
4-53	Lulu Lake- Lodgepole Virden	0	WIN	388.2	824.9	321,950.3
5-11	Virden- Ashville	0	WIN	0	.0	1,492,550.4
5-59	Virden- Lodgepole	0	WIN			556,077.1
			H2O			903.4
5-59A	Virden- Lodgepole A	0	WIN	38,264.8	77,948.5	13,490,688.1
			OIL	1,083.2	2,263.8	1,275,240.5
			H2O	38,832.5	79,685.2	15,898,567.8
5-59A	Virden- Lodgepole A	1	WIN	63,212.7	127,061.7	28,206,828.4
			OIL	7,256.8	15,291.8	9,865,615.0
			H2O	62,362.0	125,294.1	22,311,411.4
5-59A	Virden- Lodgepole A	2	WIN	600.0	1,064.1	60,016.9
			OIL	321.8	682.9	78,315.9
			H2O	617.1	1,215.9	79,789.7
5-59B	Virden- Lodgepole B	0	WIN	34,577.4	73,043.6	18,394,841.1
			OIL	695.7	1,440.0	1,450,074.7
			H2O	35,896.4	75,435.0	20,190,358.5
5-59B	Virden- Lodgepole B	1	WIN	16,652.0	37,308.0	11,851,426.1
			OIL	2,068.7	4,396.4	2,415,849.9
			H2O	15,326.8	34,529.3	9,243,371.8
5-59B	Virden- Lodgepole B	2	WIN	13,382.0	27,777.0	9,239,453.0
			OIL	725.9	1,534.3	996,213.0
			H2O	13,202.5	27,398.6	6,812,372.1
5-59B	Virden- Lodgepole B	3	WIN	32,608.0	67,848.0	14,449,657.2
			OIL	1,550.6	3,283.8	2,342,002.9
			H2O	32,605.6	67,841.3	17,294,047.4
5-59C	Virden- Lodgepole C	0	WIN	13,924.1	28,571.2	1,713,054.7
			OIL	703.4	1,505.9	160,394.0
			H2O	13,953.1	28,621.7	1,558,689.4
5-59C	Virden- Lodgepole C	1	WIN	37,086.1	73,600.9	17,999,995.9
			OIL	1,091.9	2,233.8	2,143,979.6
			H2O	39,089.3	77,185.4	19,315,304.3
5-59D	Virden- Lodgepole D	0	OIL	62.3	132.4	52,234.8
			H2O	359.0	789.7	158,836.0
5-59D	Virden- Lodgepole D	1	WIN	10,532.1	21,714.6	3,368,156.0

Production by Pool **(In cubic metres)** **March/1997**

28 AUG 1997

Report 1530

Code	Name	Unit	Fluid Type	March	YTD	Cumulative To Date
3-44H	Waskada- Mission Canyon 1 H	0	OIL			16.5
			H2O			206.1
3-44I	Waskada- Mission Canyon 1 I	0	OIL	.0	.0	231.6
			H2O	.0	.0	1,424.9
4-52A	Lulu Lake- Lodgepole WL A	0	OIL	15.1	69.5	50,993.0
			H2O	260.0	1,084.9	303,111.5
4-52B	Lulu Lake- Lodgepole WL B	0	OIL	42.5	131.9	22,316.6
			H2O	213.8	569.7	26,920.0
4-53	Lulu Lake- Lodgepole Virden	0	WIN	.0	824.9	321,950.3
5-11	Virden- Ashville	0	WIN	0	.0	1,492,550.4
5-59	Virden- Lodgepole	0	WIN			556,077.1
			H2O			903.4
5-59A	Virden- Lodgepole A	0	WIN	38,217.3	116,165.8	13,490,688.1
			OIL	1,163.5	3,427.3	1,275,240.5
			H2O	38,905.3	118,590.5	15,898,567.8
5-59A	Virden- Lodgepole A	1	WIN	69,288.1	196,349.8	28,206,828.4
			OIL	8,423.9	23,715.7	9,865,615.0
			H2O	68,483.3	193,777.4	22,311,411.4
5-59A	Virden- Lodgepole A	2	WIN	663.4	1,727.5	60,016.9
			OIL	334.2	1,017.1	78,315.9
			H2O	659.9	1,875.8	79,789.7
5-59B	Virden- Lodgepole B	0	WIN	38,457.7	111,501.3	18,394,841.1
			OIL	783.0	2,223.0	1,450,074.7
			H2O	41,160.9	116,595.9	20,190,358.5
5-59B	Virden- Lodgepole B	1	WIN	20,430.0	57,738.0	11,851,426.1
			OIL	2,279.0	6,675.4	2,415,849.9
			H2O	18,976.5	53,505.8	9,243,371.8
5-59B	Virden- Lodgepole B	2	WIN	14,738.0	42,515.0	9,239,453.0
			OIL	800.9	2,335.2	996,213.0
			H2O	14,539.1	41,937.7	6,812,372.1
5-59B	Virden- Lodgepole B	3	WIN	36,075.0	103,923.0	14,449,657.2
			OIL	1,694.4	4,978.2	2,342,002.9
			H2O	36,083.9	103,925.2	17,294,047.4
5-59C	Virden- Lodgepole C	0	WIN	15,871.4	44,442.6	1,713,054.7
			OIL	801.7	2,307.6	160,394.0
			H2O	15,882.2	44,503.9	1,558,689.4
5-59C	Virden- Lodgepole C	1	WIN	39,846.0	113,446.9	17,999,995.9
			OIL	1,170.6	3,404.4	2,143,979.6
			H2O	43,051.2	120,236.6	19,315,304.3
5-59D	Virden- Lodgepole D	0	OIL	68.9	201.3	52,234.8
			H2O	405.2	1,194.9	158,836.0
5-59D	Virden- Lodgepole D	1	WIN	12,059.7	33,774.3	3,368,156.0

Production by Pool

(In cubic metres)

April/1997

28 AUG 1997

Report 1530

Code	Name	Unit	Fluid Type	April	YTD	Cumulative To Date
3-44H	Waskada- Mission Canyon 1 H	0	OIL			16.5
			H2O			206.1
3-44I	Waskada- Mission Canyon 1 I	0	OIL	.0	.0	231.6
			H2O	.0	.0	1,424.9
4-52A	Lulu Lake- Lodgepole WL A	0	OIL	.0	69.5	50,993.0
			H2O	.0	1,084.9	303,111.5
4-52B	Lulu Lake- Lodgepole WL B	0	OIL	48.8	180.7	22,316.6
			H2O	221.9	791.6	26,920.0
4-53	Lulu Lake- Lodgepole Virden	0	WIN	.0	824.9	321,950.3
5-11	Virden- Ashville	0	WIN	.0	.0	1,492,550.4
5-59	Virden- Lodgepole	0	WIN			556,077.1
			H2O			903.4
5-59A	Virden- Lodgepole A	0	WIN	32,764.9	148,930.7	13,490,688.1
			OIL	1,011.6	4,438.9	1,275,240.5
			H2O	32,664.2	151,254.7	15,898,567.8
5-59A	Virden- Lodgepole A	1	WIN	72,343.5	268,693.3	28,206,828.4
			OIL	8,021.5	31,737.2	9,865,615.0
			H2O	72,214.9	265,992.3	22,311,411.4
5-59A	Virden- Lodgepole A	2	WIN	684.6	2,412.1	60,016.9
			OIL	320.5	1,337.6	78,315.9
			H2O	642.7	2,518.5	79,789.7
5-59B	Virden- Lodgepole B	0	WIN	36,115.4	147,616.7	18,394,841.1
			OIL	710.8	2,933.8	1,450,074.7
			H2O	37,628.8	154,224.7	20,190,358.5
5-59B	Virden- Lodgepole B	1	WIN	20,219.0	77,957.0	11,851,426.1
			OIL	2,144.4	8,819.8	2,415,849.9
			H2O	18,812.9	72,318.7	9,243,371.8
5-59B	Virden- Lodgepole B	2	WIN	13,886.0	56,401.0	9,239,453.0
			OIL	751.8	3,087.0	996,213.0
			H2O	13,737.3	55,675.0	6,812,372.1
5-59B	Virden- Lodgepole B	3	WIN	39,164.0	143,087.0	14,449,657.2
			OIL	1,649.1	6,627.3	2,342,002.9
			H2O	39,163.0	143,088.2	17,294,047.4
5-59C	Virden- Lodgepole C	0	WIN	15,093.4	59,536.0	1,713,054.7
			OIL	789.7	3,097.3	160,394.0
			H2O	15,094.3	59,598.2	1,558,689.4
5-59C	Virden- Lodgepole C	1	WIN	39,281.3	152,728.2	17,999,995.9
			OIL	1,123.9	4,528.3	2,143,979.6
			H2O	40,736.2	160,972.8	19,315,304.3
5-59D	Virden- Lodgepole D	0	OIL	62.0	263.3	52,234.8
			H2O	419.6	1,614.5	158,836.0
5-59D	Virden- Lodgepole D	1	WIN	10,907.7	44,682.0	3,368,156.0

Production by Pool **(In cubic metres)** **May/1997**

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Code	Name	Unit	Fluid Type	May	YTD	Cumulative To Date
3-44H	Waskada- Mission Canyon 1 H	0	OIL			16.5
			H2O			206.1
3-44I	Waskada- Mission Canyon 1 I	0	OIL	0	.0	231.6
			H2O	0	.0	1,424.9
4-52A	Lulu Lake- Lodgepole WL A	0	OIL	.0	69.5	50,993.0
			H2O	.0	1,084.9	303,111.5
4-52B	Lulu Lake- Lodgepole WL B	0	OIL	60.4	241.1	22,316.6
			H2O	224.5	1,016.1	26,920.0
4-53	Lulu Lake- Lodgepole Virden	0	WIN	0	824.9	321,950.3
5-11	Virden- Ashville	0	WIN	0	.0	1,492,550.4
5-59	Virden- Lodgepole	0	WIN			556,077.1
			H2O			903.4
5-59A	Virden- Lodgepole A	0	WIN	38,849.3	187,780.0	13,490,688.1
			OIL	1,083.6	5,522.5	1,275,240.5
			H2O	39,318.8	190,573.5	15,898,567.8
5-59A	Virden- Lodgepole A	1	WIN	63,087.4	331,780.7	28,206,828.4
			OIL	8,304.4	40,041.6	9,865,615.0
			H2O	63,079.8	329,072.1	22,311,411.4
5-59A	Virden- Lodgepole A	2	WIN	688.1	3,100.2	60,016.9
			OIL	344.8	1,682.4	78,315.9
			H2O	681.5	3,200.0	79,789.7
5-59B	Virden- Lodgepole B	0	WIN	27,772.1	175,388.8	18,394,841.1
			OIL	601.0	3,534.8	1,450,074.7
			H2O	29,002.5	183,227.2	20,190,358.5
5-59B	Virden- Lodgepole B	1	WIN	19,398.7	97,355.7	11,851,426.1
			OIL	2,257.3	11,077.1	2,415,849.9
			H2O	17,816.2	90,134.9	9,243,371.8
5-59B	Virden- Lodgepole B	2	WIN	13,757.0	70,158.0	9,239,453.0
			OIL	806.5	3,893.5	996,213.0
			H2O	13,373.6	69,048.6	6,812,372.1
5-59B	Virden- Lodgepole B	3	WIN	35,701.0	178,788.0	14,449,657.2
			OIL	1,670.8	8,298.1	2,342,002.9
			H2O	35,697.5	178,785.7	17,294,047.4
5-59C	Virden- Lodgepole C	0	WIN	15,816.6	75,352.6	1,713,054.7
			OIL	788.9	3,886.2	160,394.0
			H2O	15,817.5	75,415.7	1,558,689.4
5-59C	Virden- Lodgepole C	1	WIN	41,419.0	194,147.2	17,999,995.9
			OIL	1,124.8	5,653.1	2,143,979.6
			H2O	43,079.9	204,052.7	19,315,304.3
5-59D	Virden- Lodgepole D	0	OIL	61.8	325.1	52,234.8
			H2O	423.2	2,037.7	158,836.0
5-59D	Virden- Lodgepole D	1	WIN	11,384.5	56,066.5	3,368,156.0

1997

Field 5 Virden
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1C0.10-21-010-25W1.00
 Licence 4473

Mineral Rights FREEHOLD

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	826.0	1499.6	331.9	
Jan	31.0	22.4	19.7	
Feb	28.0	19.8	15.7	
Mar	31.0	21.4	18.8	
Apr	30.0	20.5	19.1	
May	31.0	21.1	18.7	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	105.2	92.0	
Cum To Date	977.0	1604.8	423.9	

Status Date

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Well Production Record

1997

Field	5	Virden	Mineral Rights FREEHOLD
Pool	59B	Lodgepole B	
Unit	1		
Operator	1	Chevron	
UWI	1A0.11-21-010-25W1.00		
Licence	4474		

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	778.0	376.9	934.5	
Jan	31.0	12.1	18.2	
Feb	28.0	10.8	14.5	
Mar	31.0	11.6	17.4	
Apr	30.0	11.1	17.6	
May	31.0	11.5	17.4	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	57.1	85.1	
Cum To Date	929.0	434	1019.6	

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Well Production Record

1997

Field	5	Virden	Mineral Rights CROWN
Pool	59B	Lodgepole B	
Unit	1		
Operator	1	Chevron	
UWI	102.03-28-010-25W1.00		
Licence	4467		

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	887.0	2159.3	1066.6	
Jan	31.0	74.1	73.8	
Feb	28.0	65.7	58.8	
Mar	31.0	71.3	71.0	
Apr	30.0	67.7	71.6	
May	31.0	70.5	70.8	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	349.3	346.0	
Cum To Date	1038.0	2508.6	1412.6	

Status Date	UWI Status
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Well Production Record

1997

Field	5	Virden	Mineral Rights CROWN
Pool	59B	Lodgepole B	
Unit	1		
Operator	1	Chevron	
UWI	103.03-28-010-25W1.00		
Licence	4468		

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	857.0	5608.7	5007.7	
Jan	31.0	129.6	210.3	
Feb	28.0	114.8	167.6	
Mar	31.0	124.8	202.4	
Apr	30.0	118.3	204.2	
May	31.0	123.2	201.8	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	610.7	986.3	
Cum To Date	1008.0	6219.4	5994.0	

Status Date

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Well Production Record

1997

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1B0.07-30-010-25W1.00
 Licence 4275

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	815.0	185.6	2889.5	
Jan	.0	.0	.0	
Feb	.0	.0	.0	
Mar	.0	.0	.0	
Apr	.0	.0	.0	
May	.0	.0	.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	.0	.0	.0	
Cum To Date	815.0	185.6	2889.5	

Status Date

UWI Status

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Well Production Record

1997

Field	5	Virden	Mineral Rights FREEHOLD
Pool	59B	Lodgepole B	
Unit	1		
Operator	1	Chevron	
UWI	1B0.08-30-010-25W1.00		
Licence	4276		

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	1958.0	7897.6	4422.1	
Jan	31.0	83.4	117.2	
Feb	28.0	73.1	94.5	
Mar	31.0	81.5	116.7	
Apr	30.0	77.2	117.7	
May	31.0	78.2	102.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	393.4	548.1	
Cum To Date	2109.0	8291	4970.2	

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Well Production Record

1997

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1C0.08-30-010-25W1.00
 Licence 4277

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	1961.0	3991.2	4733.5	
Jan	31.0	18.0	112.5	
Feb	28.0	15.9	90.7	
Mar	31.0	17.5	112.1	
Apr	30.0	16.7	112.9	
May	31.0	16.9	98.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	85.0	526.2	
Cum To Date	2112.0	4076.2	5259.7	

Status Date

UWI Status

06-AUG-91

COOP

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1B0.10-30-010-25W1.00
 Licence 4278

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	844.0	352.6	4973.9	
Jan	.0	.0	.0	
Feb	.0	.0	.0	
Mar	.0	.0	.0	
Apr	.0	.0	.0	
May	.0	.0	.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	.0	.0	.0	
Cum To Date	844.0	352.6	4973.9	

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 UWI Status COOP

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Well Production Record

1997

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1C0.10-30-010-25W1.00
 Licence 4279

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	1975.0	16085.4	1440.5	
Jan	31.0	206.0	18.0	
Feb	28.0	180.9	14.6	
Mar	31.0	201.2	17.9	
Apr	30.0	190.9	18.0	
May	31.0	193.1	15.7	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	972.1	84.2	
Cum To Date	2126.0	17057.5	1524.7	

Status Date

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COOP

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Well Production Record

1997

Field	5	Virden	Mineral Rights FREEHOLD
Pool	59B	Lodgepole B	
Unit	1		
Operator	1	Chevron	
UWI	1B0.11-30-010-25W1.00		
Licence	4280		

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	1.0	.1	17.5	
Jan	.0	.0	.0	
Feb	.0	.0	.0	
Mar	.0	.0	.0	
Apr	.0	.0	.0	
May	.0	.0	.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	.0	.0	.0	
Cum To Date	1.0	.1	17.5	

Status Date

UWI Status

29-JUL-91

COOP

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1D0.12-30-010-25W1.00
 Licence 4281

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	1947.0	3176.1	4240.8	
Jan	31.0	.4	.4	
Feb	28.0	.3	.4	
Mar	31.0	.3	.4	
Apr	30.0	.3	.3	
May	31.0	.3	.3	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	151.0	1.6	1.8	
Cum To Date	2098.0	3177.7	4242.6	

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 UWI Status COOP

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Well Production Record

1997

Field 5 Virden Mineral Rights FREEHOLD
 Pool 59B Lodgepole B
 Unit 1
 Operator 1 Chevron
 UWI 1B0.14-21-010-25W1.00
 Licence 4472

Month	Days on Production	Oil Produced m 3	Water Produced m 3	Water Injection Disposed m 3
Cumulative Prior	84.0	5.4	219.7	
Jan	.0	.0	.0	
Feb	.0	.0	.0	
Mar	.0	.0	.0	
Apr	.0	.0	.0	
May	.0	.0	.0	
Jun	.0	.0	.0	
Jul	.0	.0	.0	
Aug	.0	.0	.0	
Sep	.0	.0	.0	
Oct	.0	.0	.0	
Nov	.0	.0	.0	
Dec	.0	.0	.0	
Ytd	.0	.0	.0	
Cum To Date	84.0	5.4	219.7	

Status Date

UWI Status

26-JUL-94

COOP