

Historical Production (Rate-Time)

qi: 47.3021 m3/d, Jul, 1987

qf: 1.58936 m3/d, Nov, 2040

di(Exp): 6.15 CTD: 999307 m3

RR: 132754 m3 Tot: 1.13206e+06 m3

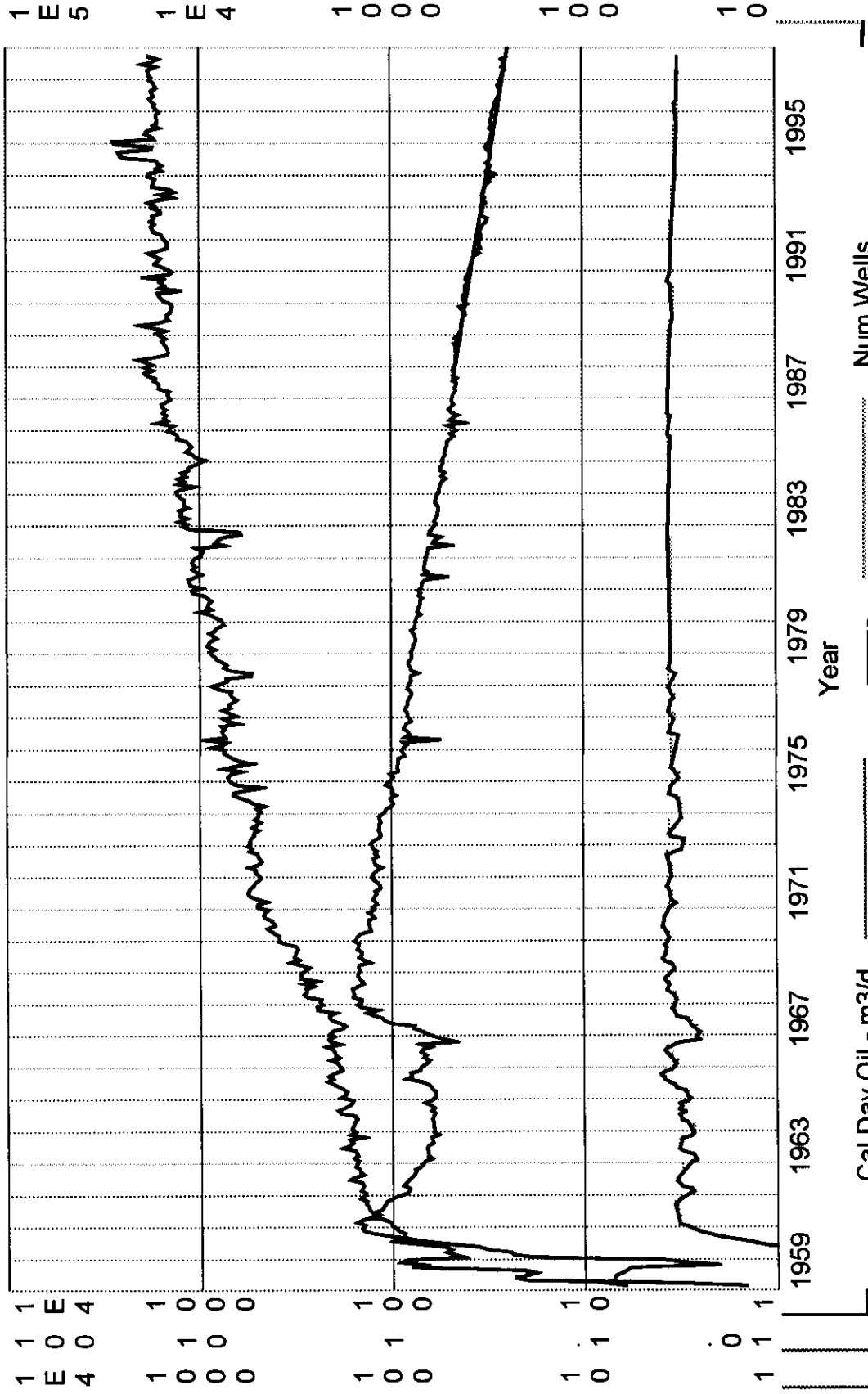
Production Cums

Oil: 999307 m3

Gas: 0 E6m3

Water: 6.86735e+06 m3

Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

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

Historical Production (Rate-Time)

qi: 47.3021 m3/d, Jul, 1987

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di(Exp): 6.15 CTD: 999307 m3

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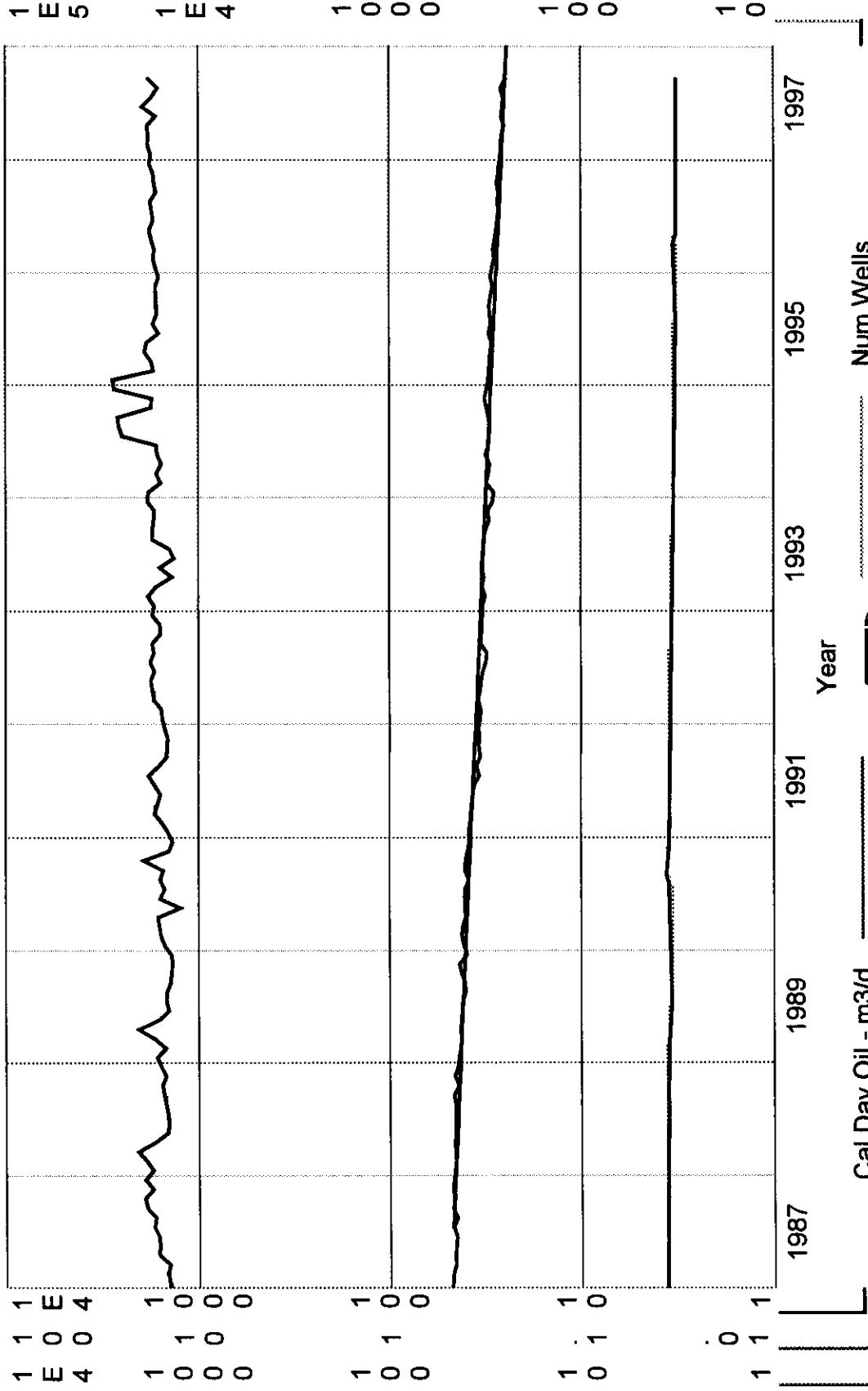
Production Cums

Oil: 999307 m3

Gas: 0 E6m3

Water: 6.86735e+06 m3

Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

# Production Report

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

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

## Production Data from January, 1996 to September, 1997

| Year       | Month Water Inj<br>m3 |                              |
|------------|-----------------------|------------------------------|
| Jan., 1996 | 15166                 |                              |
| Feb., 1996 | 14100                 |                              |
| Mar., 1996 | 15080                 |                              |
| Apr., 1996 | 14822                 |                              |
| May., 1996 | 15450                 |                              |
| Jun., 1996 | 14203                 |                              |
| Jul., 1996 | 14574                 |                              |
| Aug., 1996 | 14899                 |                              |
| Sep., 1996 | 13428                 |                              |
| Oct., 1996 | 14486                 |                              |
| Nov., 1996 | 15094                 |                              |
| Dec., 1996 | 14943                 |                              |
| Jan., 1997 | 14395                 |                              |
| Feb., 1997 | 13382                 |                              |
| Mar., 1997 | 14738                 |                              |
| Apr., 1997 | 13886                 | } 14328 m <sup>3</sup> /mon  |
| May., 1997 | 13757                 |                              |
| Jun., 1997 | 15341.3               | } 14431 m <sup>3</sup> /mon. |
| Jul., 1997 | 14757.8               |                              |
| Aug., 1997 | 14134.4               |                              |
| Sep., 1997 | 14401.1               |                              |

# Production Report

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

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

## Production Data from January, 1996 to December, 2003

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

NEW OIL FROM HISTORICAL DECLINE  
0.4  
1.3  
0

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

H2NTH WELL  
15-6-10-26  
ON PRODUCTION  
17 OCT 97

FINISHED 29-SEP-97  
DRILLING

# Production Report

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

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

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

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

## Production Report

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

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

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

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

VRU No. 2

# OBSERVATIONS

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

using 1989 as base injection

|      |       |    |       |
|------|-------|----|-------|
| 1990 | 96.4% | 94 | 56.1% |
| 91   | 68.7% | 95 | 56.0% |
| 92   | 59.5% | 96 | 52.1% |
| 93   | 50.2% |    |       |

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

Comparison of cal day vs. operating day - aver. prod.

|         |        |
|---------|--------|
| '96     | - .991 |
| '94-'96 | - .992 |

| Period | Decline Rate | Actual<br>Nov '96<br>Prod<br>(m3/d) | Projected<br>Nov '96<br>Prod<br>(m3/d) | Actual<br>May '96<br>Prod | Projected<br>May '96<br>Prod |
|--------|--------------|-------------------------------------|--|---------------------------|------------------------------|
| JAN/79 | 5.71         | 27.45                               | 27.05                                  | 26.02                     | 25.76                        |
| JAN/83 | 5.57         | 27.45                               | 27.26                                  | 26.02                     | 26.00                        |
| JUL/87 | 6.05         | 27.45                               | 26.84                                  | 26.02                     | 25.48                        |
| JUL/91 | 4.20         | 27.45                               | 27.74                                  | 26.02                     | 26.79                        |
| MAY/93 | 4.35         | 27.45                               | 27.70                                  | 26.02                     | 26.71                        |
| SEP/94 | 6.76         | 27.45                               | 27.46                                  | 26.02                     | 25.88                        |

VRU #2 1997

|     |       |
|-----|-------|
| JAN | 26.08 |
| FEB | 25.93 |
| MAR | 25.83 |
| APR | 25.06 |
| MAY | 26.02 |

Prod. (m3/d)

|        |         |
|--------|---------|
| JAN/79 | 26.27   |
|        | 26.15   |
|        | 26.62   |
|        | 25.89   |
|        | 25.76 * |

|        |       |
|--------|-------|
| JAN/83 | 26.51 |
|        | 26.36 |
|        | 26.25 |
|        | 26.13 |
|        | 26.0  |

\* NEW OIL

- compare

Brumel

d Chevron calculations

Dec

9 Jan 1999

cum 1200 JAN/97

Ret Ret.

Brumel

5.71

76.11

993127

Chevron

5.92

78.44

100265 \* 106

145992

(1.593 w/d)



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

Operator:

Field:

Zone:

Type: Inj

Group: VRU No. 2 Injection

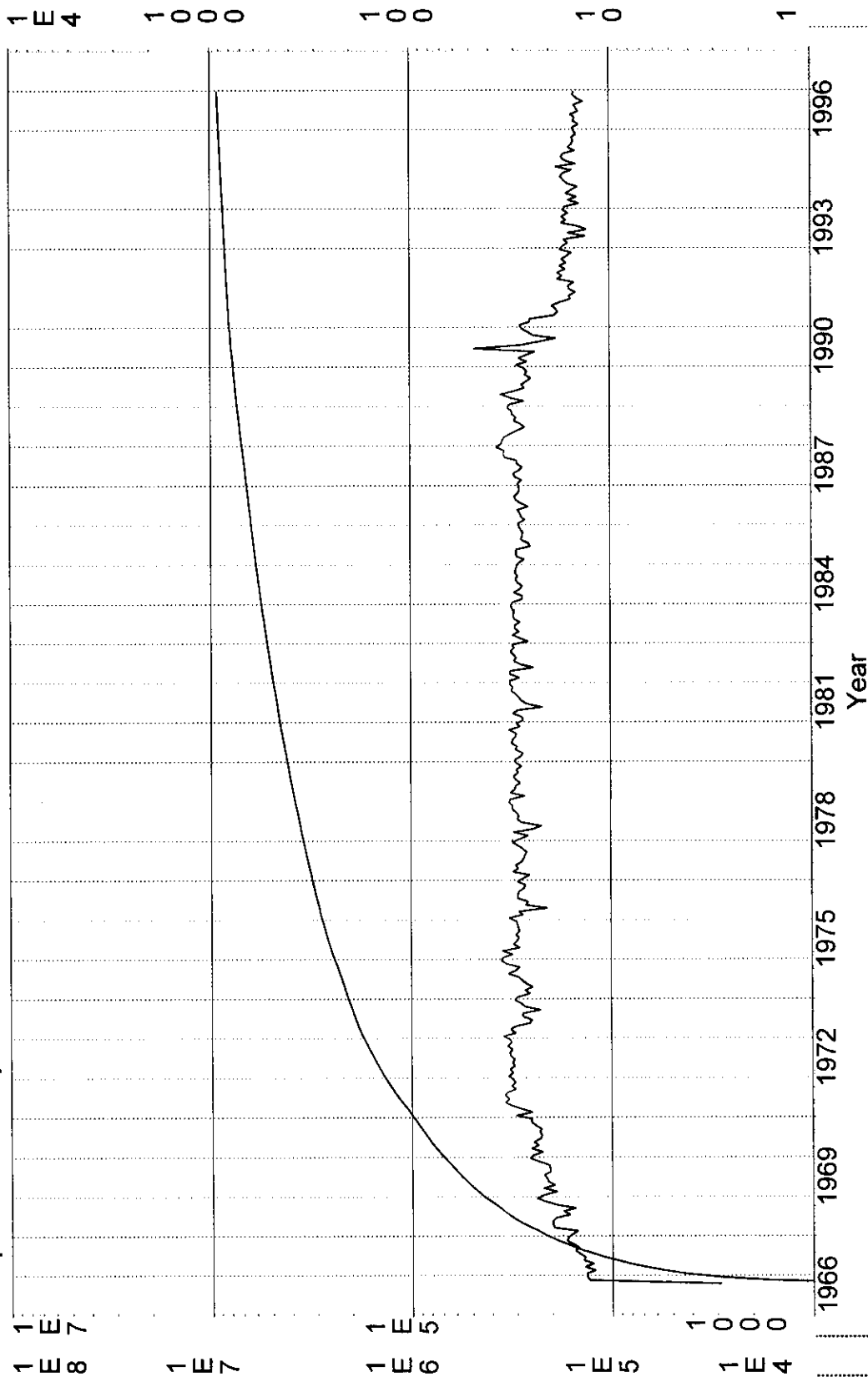
Injection Cums

Gas: 0 E3m3

NGL: 0 m3

Water: 9.15914e+06 m3

WaterDSP: 0 m3



Month Water Inj - m3

Cum Water Inj - m3

Not Assigned



# Production Report

Group : VRU No. 2 Injection  
 Well : VRU No. 2 Injection  
 : 000000216  
 Hist.Data : 10/66-12/96  
 Operator :  
 Field :

Date : 8/28/97 1:59:23 pm  
 User : Ludwig  
 On Prod : 02/09  
 Status : Inj  
 Zone :

## Production Data from January, 1987 to December, 1996

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

# Production Report

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

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

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

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

# Production Report

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

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

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

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

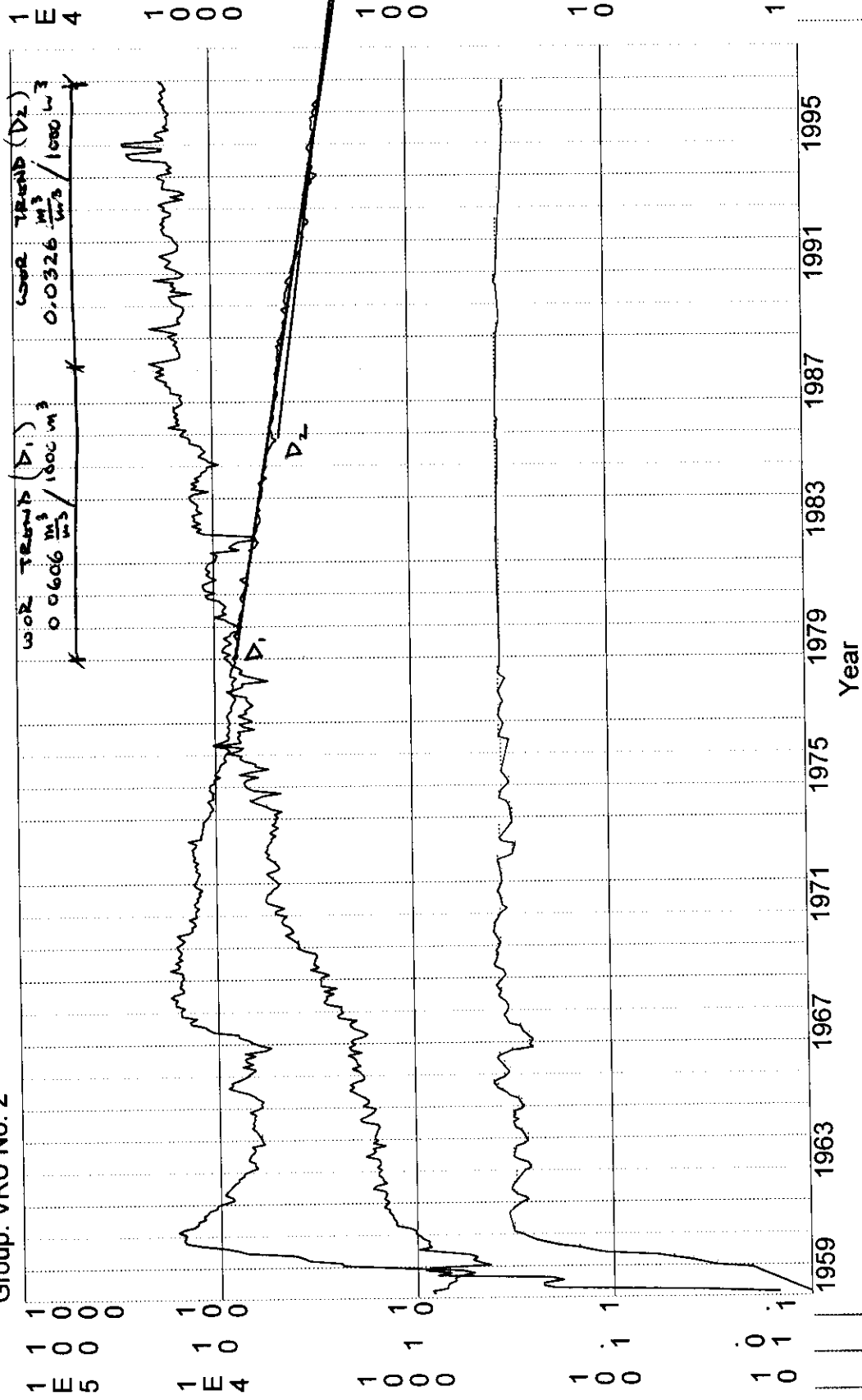
Ave  
Monthly Inj.

|    |       |    |        |
|----|-------|----|--------|
| 89 | 28208 | 93 | 15.844 |
| 90 | 27189 | 94 | 15.835 |
| 91 | 19377 | 95 | 15.408 |
| 92 | 16785 | 96 | 14.688 |

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

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

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



Num Wells



Avg Daily Oil - m3/d  
WOR - m3/m3  
Not Assigned

# Production Report

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

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

## Production Data from February, 1959 to December, 1996

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

# Production Report

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

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

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

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

# Production Report

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

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

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

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



# Production Report

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

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

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

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

# Production Report

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

Date : August 22, 1997 3:49:00 pm  
User : Ludwig

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

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

# Production Report

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

Date : August 22, 1997 3:49:00 pm  
User : Ludwig

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

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

— JAN/79 35 PRODUCERS

$$q_{i, 79-01} = 77.6 \text{ m}^3/\text{d}$$

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

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

# Production Report

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

Date : August 22, 1997 3:49:00 pm  
User : Ludwig

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

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

# Production Report

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

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

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

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

— noticeable drop  
in WOR

# Production Report

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

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

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

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

# Production Report

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

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

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

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

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

32 wells on prod.

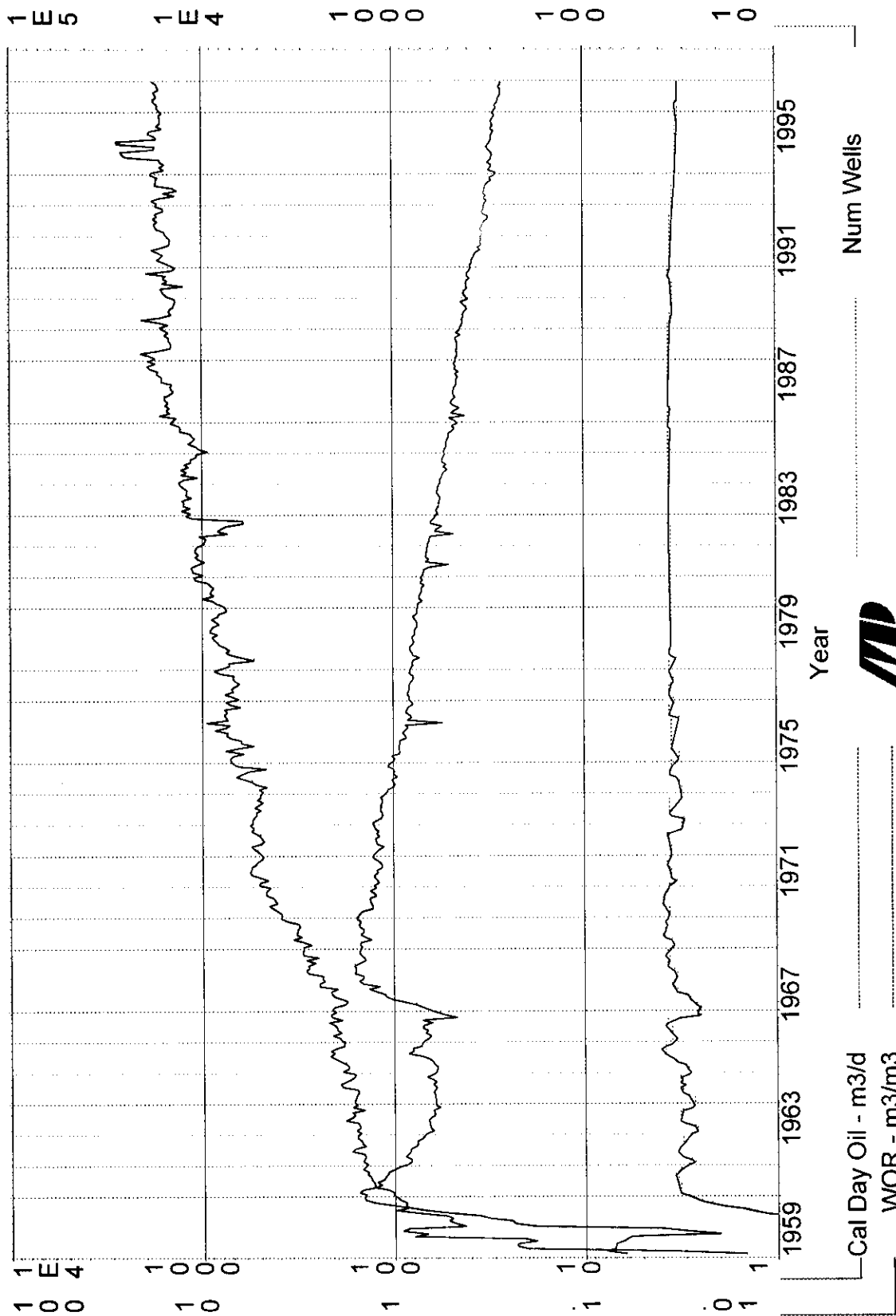
$$q_{i, 77-01} - q_{t, 91-12} = 26.6 \text{ m}^3/\text{d} \quad \leadsto \quad d_{exp} = 6.12 \%$$

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

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

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

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





# Production Report

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

Date : 8/28/97 2:52:28 pm  
User : Ludwig  
On Prod : 01/00  
Status : Unknown  
Zone :

## Production Data from January, 1979 to December, 1996

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

# Production Report

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

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

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

| Year       | Monthly Oil<br>m3 | Cal Day Oil<br>m3/d | Avg Daily Oil<br>m3/d | Cum Oil<br>m3 | WOR<br>m3/m3 | Num Wells |
|------------|-------------------|---------------------|-----------------------|---------------|--------------|-----------|
| Sep., 1986 | 1446.8            | 48.2267             | 48.2937               | 855886        | 15.4963      | 36        |
| Oct., 1986 | 1439.7            | 46.4419             | 47.99                 | 857325        | 15.5817      | 36        |
| Nov., 1986 | 1425.8            | 47.5267             | 47.9261               | 858751        | 15.5818      | 36        |
| Dec., 1986 | 1482.4            | 47.8194             | 48.1429               | 860234        | 14.0228      | 36        |
| Jan., 1987 | 1468.4            | 47.3677             | 47.3677               | 861702        | 14.0188      | 36        |
| Feb., 1987 | 1315.2            | 46.9714             | 47.0414               | 863017        | 14.5358      | 36        |
| Mar., 1987 | 1415.3            | 45.6548             | 45.8397               | 864433        | 14.1722      | 36        |
| Apr., 1987 | 1379.7            | 45.99               | 46.2469               | 865812        | 16.1738      | 36        |
| May., 1987 | 1420.8            | 45.8323             | 47.758                | 867233        | 16.0452      | 36        |
| Jun., 1987 | 1350.1            | 45.0033             | 47.5109               | 868583        | 16.1662      | 36        |
| Jul., 1987 | 1445.7            | 46.6355             | 46.7612               | 870029        | 17.1325      | 36        |
| Aug., 1987 | 1383.1            | 44.6161             | 46.0394               | 871412        | 16.7739      | 36        |
| Sep., 1987 | 1409.9            | 46.9967             | 47.062                | 872822        | 18.5193      | 36        |
| Oct., 1987 | 1433.5            | 46.2419             | 46.8719               | 874256        | 19.1782      | 36        |
| Nov., 1987 | 1420              | 47.3333             | 47.3333               | 875676        | 17.2908      | 36        |
| Dec., 1987 | 1437              | 46.3548             | 46.3548               | 877112        | 19.0028      | 36        |
| Jan., 1988 | 1437.9            | 46.3839             | 46.4463               | 878550        | 17.2947      | 36        |
| Feb., 1988 | 1317.5            | 45.431              | 45.431                | 879868        | 18.6816      | 36        |
| Mar., 1988 | 1404.6            | 45.3097             | 45.5546               | 881273        | 20.6941      | 36        |
| Apr., 1988 | 1374.8            | 45.8267             | 46.0827               | 882647        | 16.7944      | 36        |
| May., 1988 | 1407.9            | 45.4161             | 46.1607               | 884055        | 14.4108      | 36        |
| Jun., 1988 | 1359.6            | 45.32               | 45.4462               | 885415        | 14.3786      | 36        |
| Jul., 1988 | 1408.9            | 45.4484             | 45.694                | 886824        | 14.4489      | 36        |
| Aug., 1988 | 1407.1            | 45.3903             | 45.4514               | 888231        | 14.8383      | 36        |
| Sep., 1988 | 1393.4            | 46.4467             | 46.5113               | 889624        | 14.7718      | 36        |
| Oct., 1988 | 1353.7            | 43.6677             | 44.0228               | 890978        | 15.5153      | 36        |
| Nov., 1988 | 1378.6            | 45.9533             | 45.9533               | 892356        | 14.8549      | 36        |
| Dec., 1988 | 1368.1            | 44.1323             | 44.1323               | 893725        | 15.6809      | 36        |
| Jan., 1989 | 1351.8            | 43.6065             | 43.6651               | 895076        | 16.4147      | 36        |
| Feb., 1989 | 1199              | 42.8214             | 43.4027               | 896275        | 14.8023      | 36        |
| Mar., 1989 | 1311.6            | 42.3097             | 42.481                | 897587        | 16.9198      | 35        |
| Apr., 1989 | 1286              | 42.8667             | 42.9263               | 898873        | 20.5062      | 35        |
| May., 1989 | 1309.9            | 42.2548             | 42.3687               | 900183        | 16.0402      | 35        |
| Jun., 1989 | 1268.9            | 42.2967             | 43.0136               | 901452        | 14.2539      | 35        |
| Jul., 1989 | 1292.8            | 41.7032             | 41.7032               | 902745        | 14.7369      | 34        |
| Aug., 1989 | 1249.3            | 40.3                | 41.4705               | 903994        | 14.6194      | 34        |
| Sep., 1989 | 1217.1            | 40.57               | 40.7398               | 905211        | 14.016       | 34        |
| Oct., 1989 | 1312.5            | 42.3387             | 42.3957               | 906523        | 14.0018      | 34        |
| Nov., 1989 | 1299.7            | 43.3233             | 43.5046               | 907823        | 13.6293      | 34        |
| Dec., 1989 | 1227.1            | 39.5839             | 39.6372               | 909050        | 13.8049      | 34        |
| Jan., 1990 | 1269              | 40.9355             | 41.2124               | 910319        | 14.9918      | 34        |
| Feb., 1990 | 1175.8            | 41.9929             | 42.3076               | 911495        | 15.6846      | 34        |
| Mar., 1990 | 1293              | 41.7097             | 41.7097               | 912788        | 15.9159      | 34        |
| Apr., 1990 | 1209.9            | 40.33               | 41.4823               | 913998        | 16.2529      | 34        |
| May., 1990 | 1255.2            | 40.4903             | 41.5514               | 915253        | 12.4347      | 34        |
| Jun., 1990 | 1223.2            | 40.7733             | 40.83                 | 916476        | 15.9132      | 34        |
| Jul., 1990 | 1252.5            | 40.4032             | 40.5668               | 917729        | 14.9782      | 34        |
| Aug., 1990 | 1203.2            | 38.8129             | 39.7752               | 918932        | 15.8689      | 35        |

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

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

# Production Report

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Well : VRU No. 2  
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User : Ludwig

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

| Year       | Monthly Oil<br>m3 | Cal Day Oil<br>m3/d | Avg Daily Oil<br>m3/d | Cum Oil<br>m3 | WOR<br>m3/m3 | Num Wells |
|------------|-------------------|---------------------|-----------------------|---------------|--------------|-----------|
| Sep., 1994 | 902               | 30.0667             | 30.4045 .989          | 968602        | 26.2315      | 33        |
| Oct., 1994 | 958.3             | 30.9129             | 31.0381 .996          | 969560        | 17.589       | 33        |
| Nov., 1994 | 952.4             | 31.7467             | 31.8795 .996          | 970512        | 17.3514      | 33        |
| Dec., 1994 | 956.5             | 30.8548             | 30.938 .999           | 971469        | 27.2423      | 33        |
| Jan., 1995 | 939.9             | 30.3194             | 30.3194 1.0           | 972409        | 27.6928      | 33        |
| Feb., 1995 | 838.9             | 29.9607             | 30.0502 .997          | 973248        | 17.0076      | 33        |
| Mar., 1995 | 930.3             | 30.0097             | 30.0097 1.0           | 974178        | 17.4213      | 33        |
| Apr., 1995 | 889.3             | 29.6433             | 29.7259 .997          | 975067        | 18.9238      | 33        |
| May., 1995 | 897.7             | 28.9581             | 29.1935 .992          | 975965        | 18.4189      | 33        |
| Jun., 1995 | 903.4             | 30.1133             | 30.1972 .997          | 976868        | 15.9368      | 33        |
| Jul., 1995 | 910.8             | 29.3806             | 30.2759 .970          | 977779        | 17.1005      | 33        |
| Aug., 1995 | 910.8             | 29.3806             | 29.7809 .957          | 978690        | 16.3573      | 32        |
| Sep., 1995 | 898.9             | 29.9633             | 29.9633 1.0           | 979589        | 16.3769      | 32        |
| Oct., 1995 | 913.7             | 29.4742             | 30.3303 .972          | 980503        | 16.3261      | 32        |
| Nov., 1995 | 858.1             | 28.6033             | 28.8841 .990          | 981361        | 16.58        | 32        |
| Dec., 1995 | 913.6             | 29.471              | 29.6303 .995          | 982274        | 15.9699      | 32        |
| Jan., 1996 | 893               | 28.8065             | 29.1592 .988          | 983167        | 16.569       | 32        |
| Feb., 1996 | 818.5             | 28.2241             | 28.2647 .999          | 983986        | 16.9763      | 32        |
| Mar., 1996 | 884.1             | 28.5194             | 29.5521 .965          | 984870        | 16.817       | 32        |
| Apr., 1996 | 836.9             | 27.8967             | 28.5307 .978          | 985707        | 17.4572      | 33        |
| May., 1996 | 851.5             | 27.4677             | 27.4677 1.0           | 986558        | 17.8768      | 32        |
| Jun., 1996 | 821.2             | 27.3733             | 27.4879 .996          | 987379        | 17.0371      | 32        |
| Jul., 1996 | 830.2             | 26.7806             | 26.8891 .996          | 988210        | 17.2908      | 32        |
| Aug., 1996 | 832.9             | 26.8677             | 27.1229 .991          | 989043        | 17.6249      | 32        |
| Sep., 1996 | 800.6             | 26.6867             | 27.1774 .982          | 989843        | 16.5197      | 32        |
| Oct., 1996 | 847.7             | 27.3452             | 27.3452 1.0           | 990691        | 16.854       | 32        |
| Nov., 1996 | 803.4             | 26.78               | 26.9673 .993          | 991494        | 17.0477      | 32        |
| Dec., 1996 | 824.9             | 26.6097             | 26.6097 1.0           | 992319        | 17.8738      | 32        |

Historical Production (Rate-Time)

qi: 76.1061 m3/d, Jan, 1979

qf: 1.58783 m3/d, Sep, 2044

di(Exp): 5.71179 CTD: 992319 m3

RR: 153976 m3 Tot: 1.14629e+06 m3

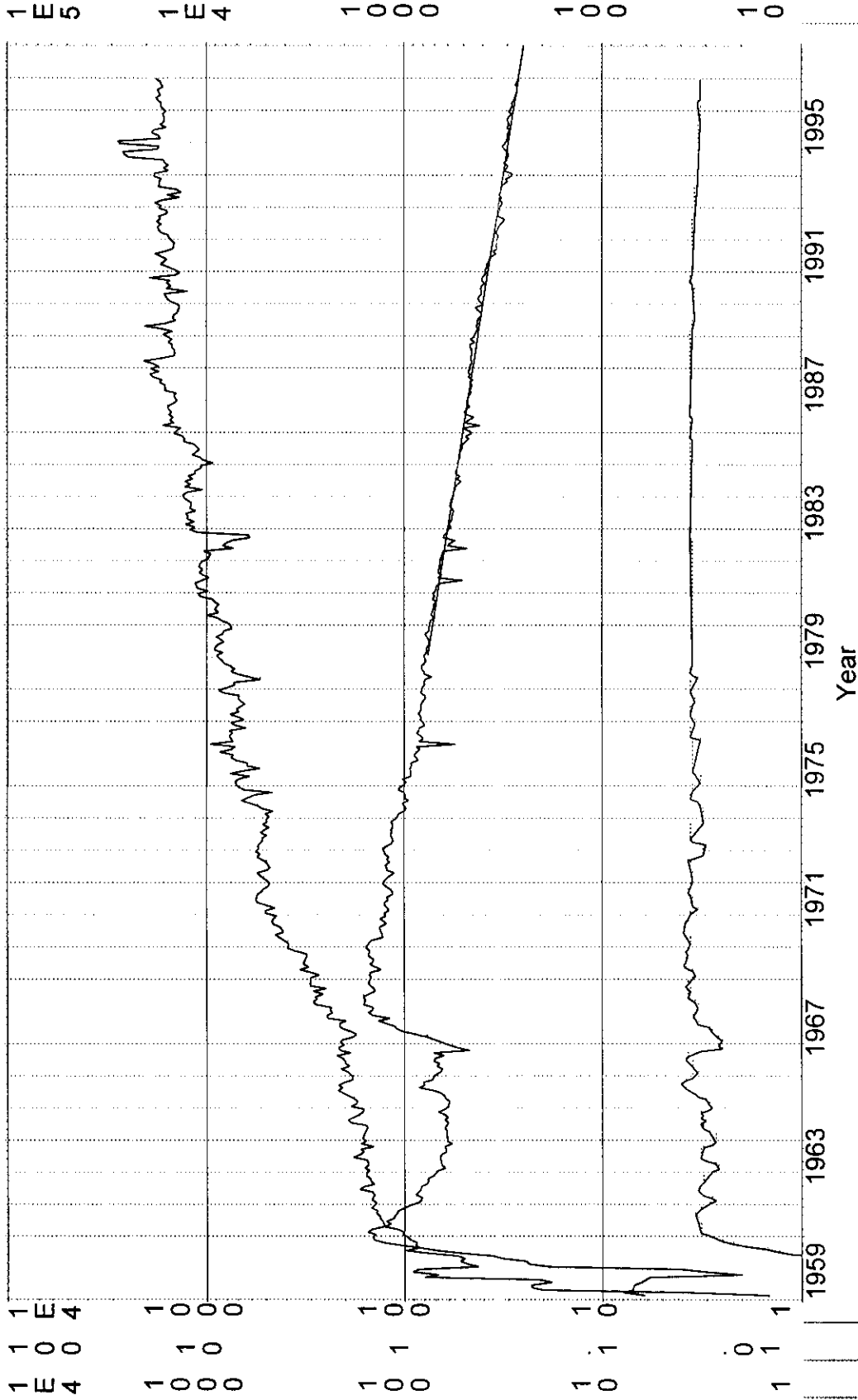
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Num Wells



# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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

Historical Production (Rate-Time)

qi: 78.44 m3/d, Jan, 1979

qf: 1.58699 m3/d, Nov, 2042

di(Exp): 5.92 CTD: 992319 m3

RR: 146922 m3 Tot: 1.13924e+06 m3

CHEVRON'S PROPOSED DECLINE

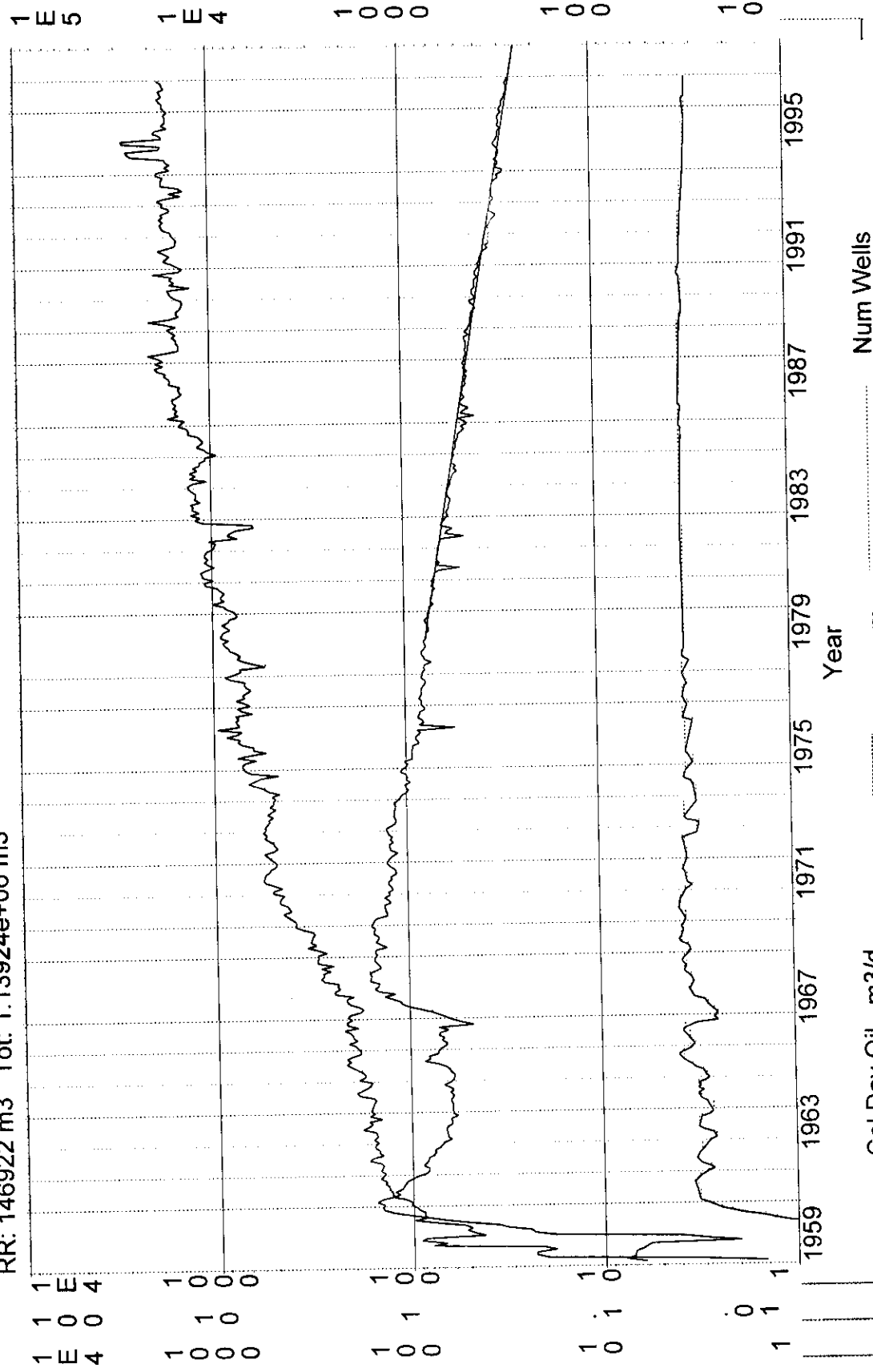
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Num Wells





# Production Report - CHEVRON'S PROPOSED DECLINE

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

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

## Production Data from January, 1994 to December, 1997

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

## Production Report

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

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

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

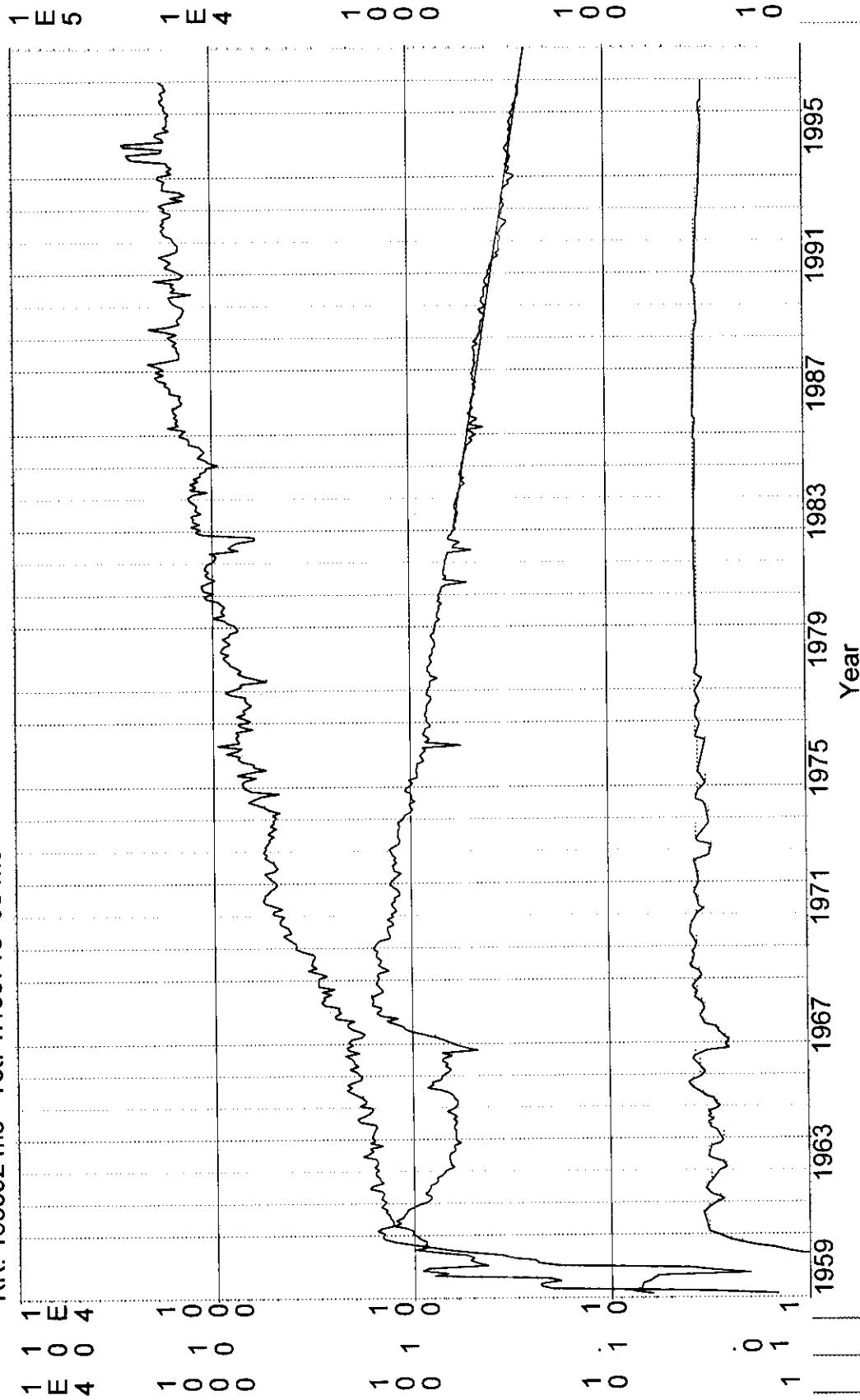
| Year       | Cal Day Oil<br>m3/d | Historical Production<br>m3/d |
|------------|---------------------|-------------------------------|
| Sep., 1997 |                     | 24.9811                       |
| Oct., 1997 |                     | 24.8544                       |
| Nov., 1997 |          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

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

Historical Production (Rate-Time)

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

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



Num Wells



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

# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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

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

Historical Production (Rate-Time)

qi: 47.3295 m3/d, Jul, 1987

qf: 0.0974103 m3/d, Jul, 2086

di(Exp): 6.05229 CTD: 992319 m3

RR: 152341 m3 Tot: 1.14466e+06 m3

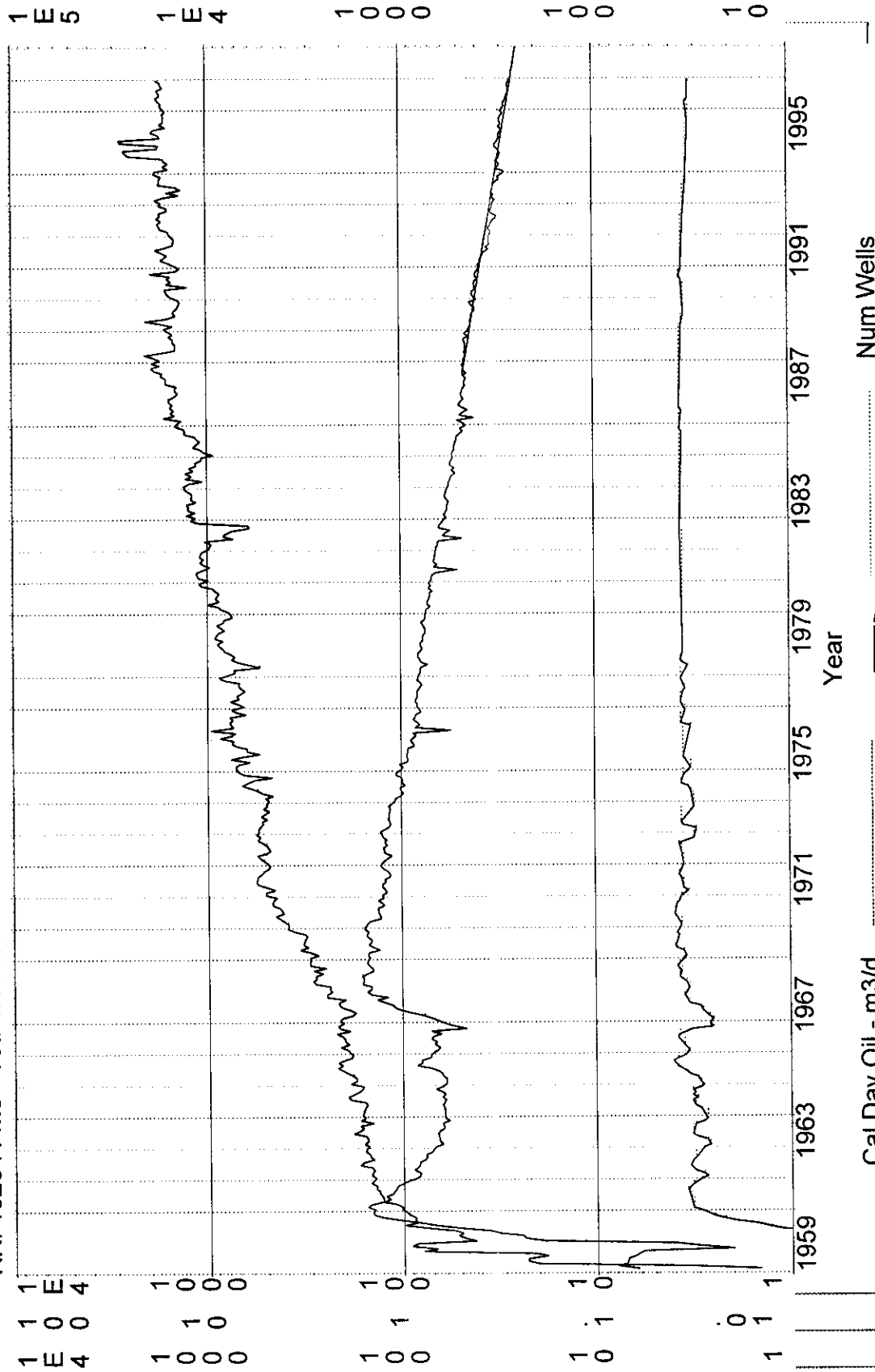
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

Num Wells

Year



# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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

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

Historical Production (Rate-Time)

qi: 34.5336 m3/d, Jul, 1991

qf: 0.493093 m3/d, Jul, 2090

di(Exp): 4.19765 CTD: 992319 m3

RR: 227980 m3 Tot: 1.2203e+06 m3

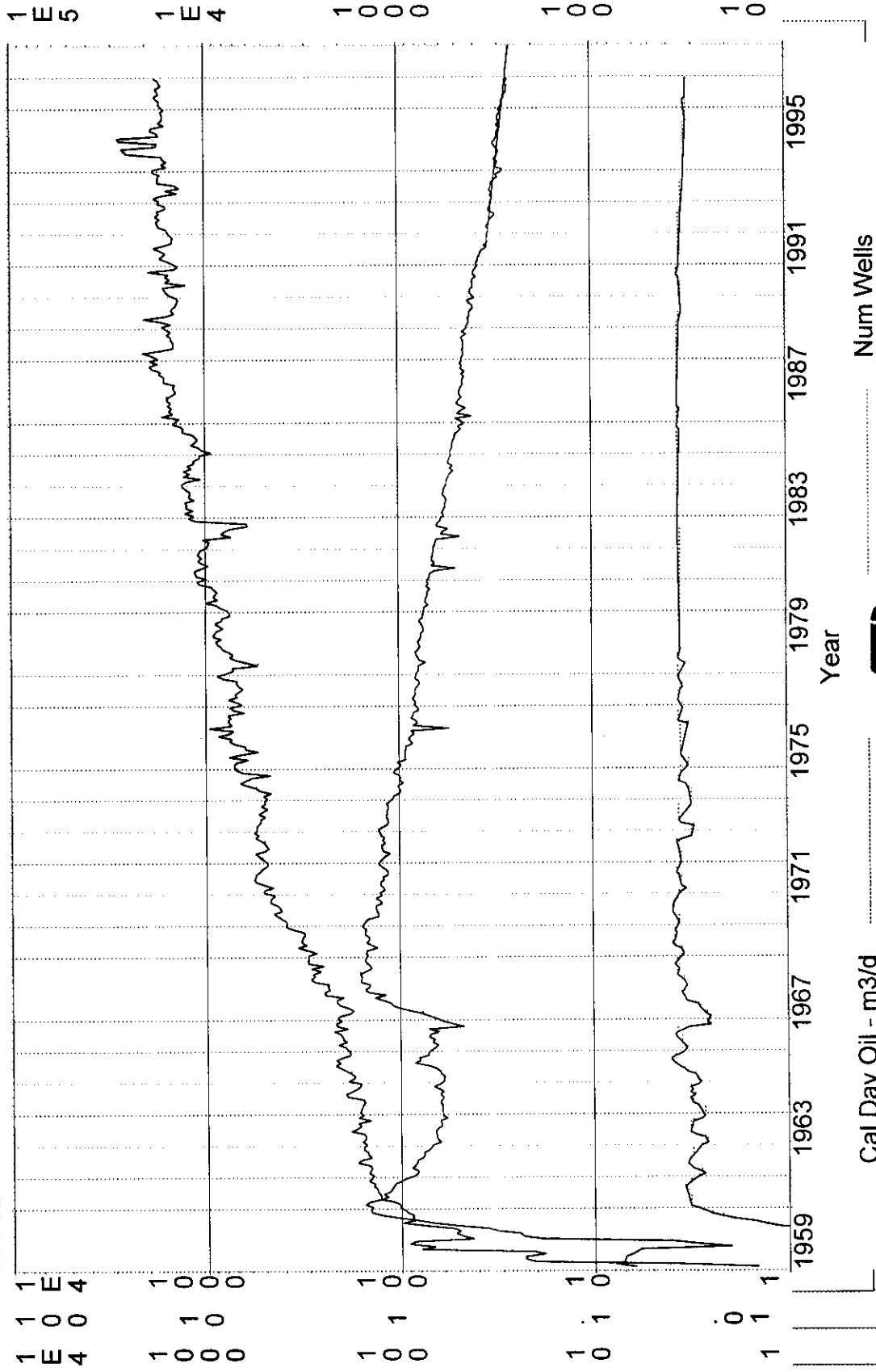
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



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

Num Wells

# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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



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

Historical Production (Rate-Time)

qi: 32.0397 m3/d, May, 1993

qf: 0.389176 m3/d, May, 2092

di(Exp): 4.35124 CTD: 992319 m3

RR: 220105 m3 Tot: 1.21242e+06 m3

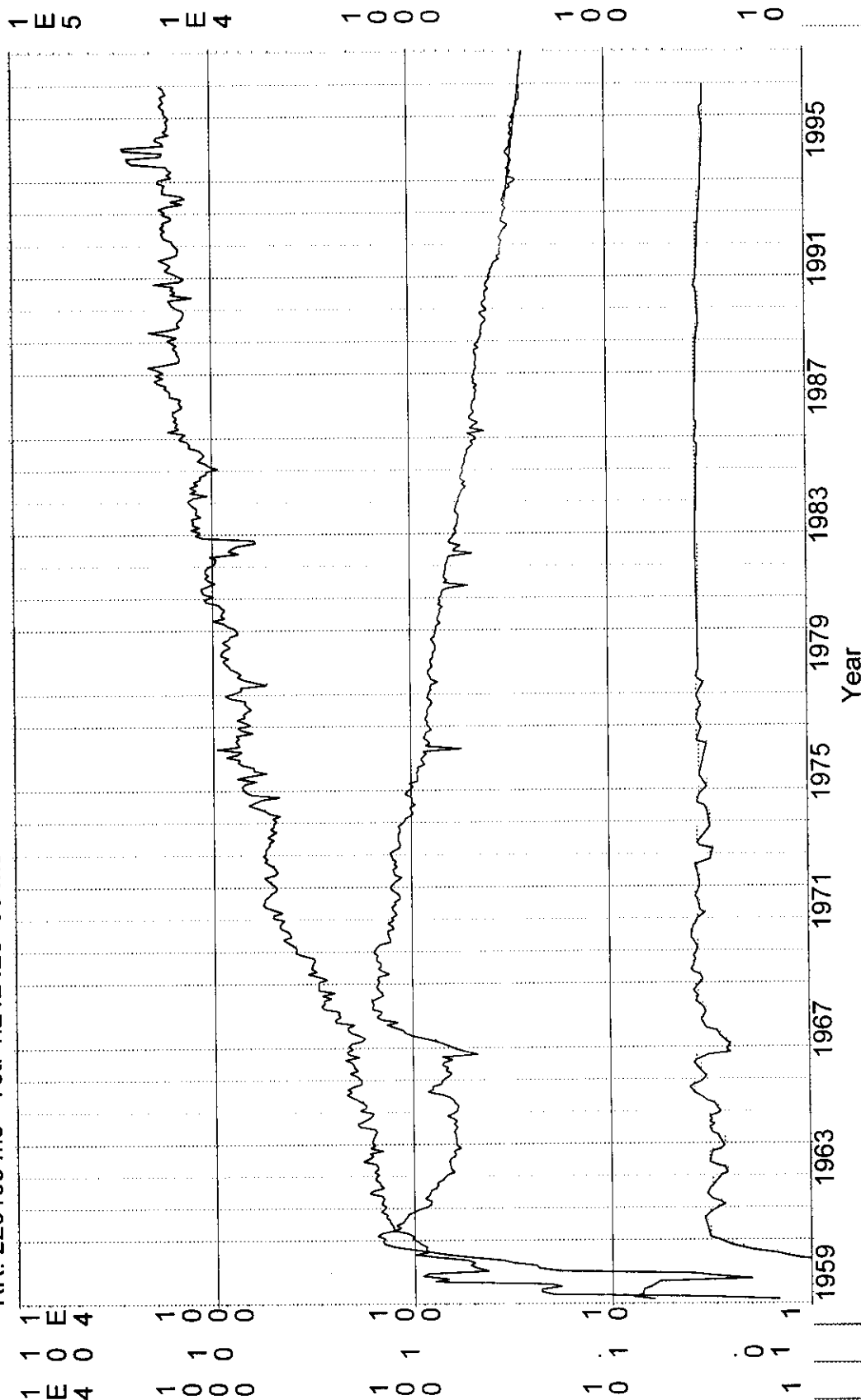
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



Num Wells



Cal Day Oil - m3/d

WOR - m3/m3

Historical Production - m3/d

# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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

Historical Production (Rate-Time)

qi: 31.3718 m3/d, Sep, 1994

qf: 0.0306524 m3/d, Sep, 2093

di(Exp): 6.75602 CTD: 992319 m3

RR: 138885 m3 Tot: 1.1312e+06 m3

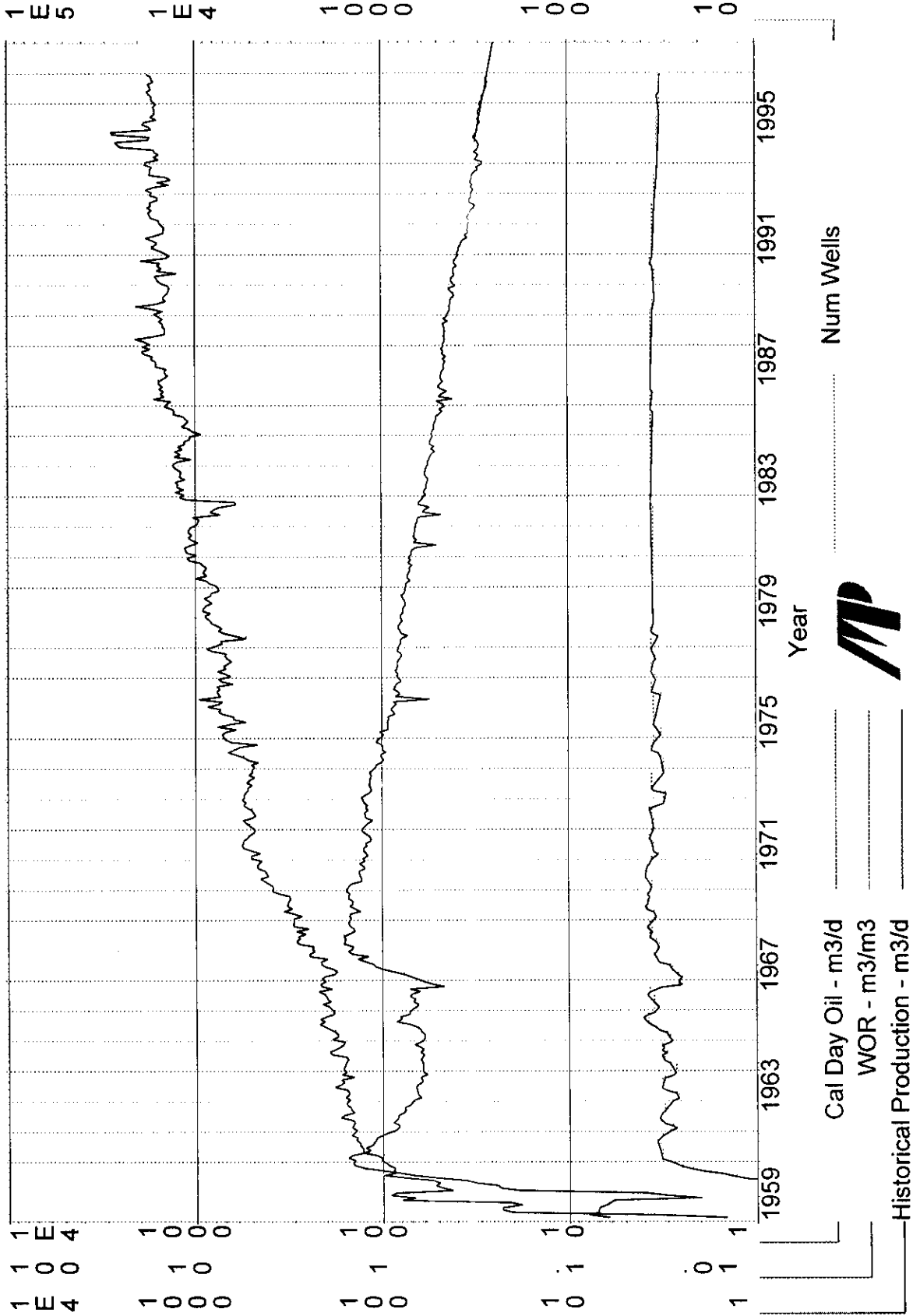
Production Cums

Oil: 992319 m3

Gas: 0 E6m3

Water: 6.74332e+06 m3

Cond: 0 m3



# Production Report

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

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

## Production Data from January, 1994 to June, 1997

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