

Oak Lake 25 Federal No. 1

Special Pool Rules Hearing

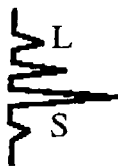
Nearby Strawn Pool Data

Pool	Class	No. Producers	Date 1st Prod	Cumulative			Initial BH psig	Gravity Oil	SG Gas	Rules	
				MMCF	MBO	GOR				Spacing	GOR
Oak Lake 25 Discovery	Oil	1	3/01	87	28	3,107	4,950	46.1	0.72	Rqst 160	Rqst 4,000
Cedar Lake	Oil	4	2/91	1,283	318	4,035	4,200	45.0	0.75	160	4,000
Cedar Lake, N	Gas	1	11/93	39	0.6	-	4,423	54.5	-	320	-
Cedar Lake, N	Oil	2	8/94	226	45	5,022	2,860*	45.4	0.83	40	2,000
Loco Hills	Gas	1	2/00	296	34	-	4,485	54.6	0.75	320	-
Lusk	Oil	65	4/61	89,100	20,500	4,346	5,875	46.5	-	160	4,000

Volumetric Calculations

Pool	EUR MBO	Acres	Pay H ft.	Porosity	SW	FVF B _o	OOIP MBO	Rf %
Cedar Lake	479	600	12	0.06	0.8	1.66	1,615	29.7c
Lusk (avg well)	350	160	40	0.06	0.8	2.00	1,192	29.4c
Oak Lake 25 Discovery	350	126.3c	64	0.048	0.75	1.87	1,207	29.0
	400	144.3c						

*SI 3 days, still building



Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: EOG Resources Inc.
Attention: Mr. Ish Abila
P. O. Box 1195
Kermit, Texas 79745

SAMPLE: Sta. #63083012
IDENTIFICATION: Oak Lake 25 Fed. Com. #1
COMPANY: EOG Resources Inc.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 3/13/01 2:00 pm
ANALYSIS DATE: 3/14/01
PRESSURE - PSIG 98
SAMPLE TEMP. °F 56
ATMOS. TEMP. °F

GAS (XX) LIQUID ()
SAMPLED BY: Ray Ables
ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	2.151	
Carbon Dioxide (CO2)	1.144	
Methane (C1)	76.101	
Ethane (C2)	13.718	3.660
Propane (C3)	4.927	1.354
I-Butane (IC4)	0.480	0.157
N-Butane (NC4)	0.924	0.291
I-Pentane (IC5)	0.149	0.054
N-Pentane (NC5)	0.156	0.056
Hexane Plus (C6+)	0.250	0.109
	100.000	5.681
BTU/CU.FT. - DRY	1205	MOLECULAR WT. 20.8777
AT 14.650 DRY	1202	
AT 14.650 WET	1181	
AT 14.73 DRY	1208	
AT 14.73 WET	1187	
SPECIFIC GRAVITY -		
CALCULATED	0.720	
MEASURED		

CONOCO INC.

CHROMATOGRAPH GAS ANALYSIS REPORT

P. O. BOX 90
MALJAMAR, NM 88264

PHONE 505-676-3507
FAX 505-676-3533

COMPANY NAME:	ANADARKO PETROLEUM	DATE SAMPLED:	11-19-99
LEASE NAME:	POWER FED 2	DATE RUN:	11-22-99
STATION NUMBER:	061-35-465	PRESSURE:	20
METER:	TOTALFLOW	TEMPERATURE:	77
EFFECTIVE DATE:	12-01-99	SAMPLE:	SPOT SAMPLE

COMPONENT	MOLE %	GPM
NITROGEN	2.395	0.000
CARBON DIOXIDE	0.263	0.000
METHANE	68.142	0.000
ETHANE	14.846	3.949
PROPANE	7.930	2.173
ISO-BUTANE	1.153	0.375
NOR-BUTANE	2.745	0.861
ISO-PENTANE	0.755	0.275
NOR-PENTANE	0.786	0.283
HEXANES C6+	0.985	0.422
TOTAL	100.00 %	8.338

Gross Dry BTU/CU.FT (Real)..... 1391.36

Gross Wet BTU/CU.FT (Real)..... 1367.13

Specific Gravity by Calculation 0.828

C3+ GPM..... 4.389

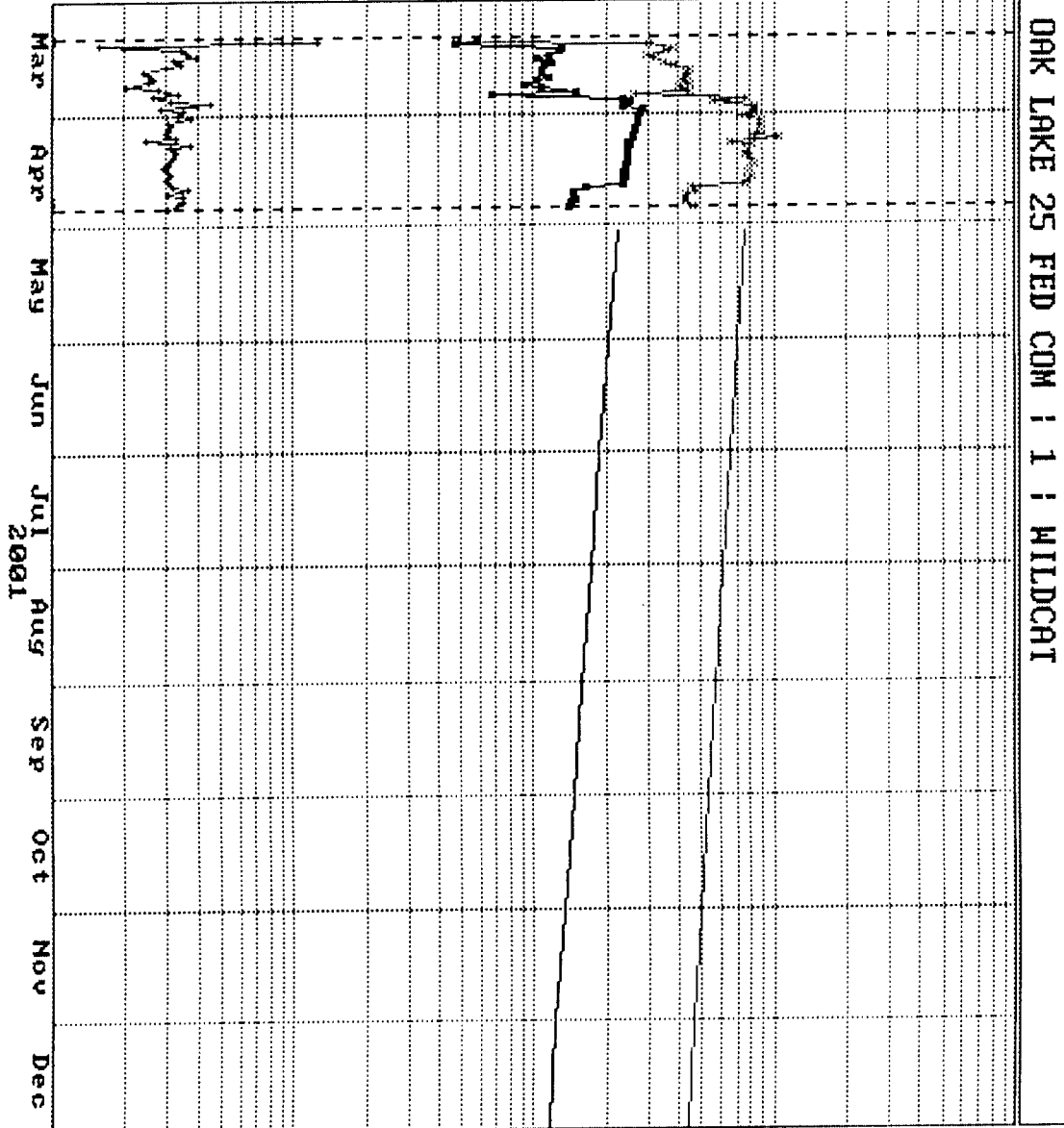
C5+ GPM..... 0.980

H2S BY STAIN TUBE..... - PPM

ANALYSIS CALCULATED AT 14.65 PSIA & 60 DEG F

ANALYST: T. Williams

10000 100000 1e+06 1e+07 * FTP
 1000 10000 100000 1e+06 * GOR
 10 100 1000 10000 * GAS
 1 10 100 1000 * OIL

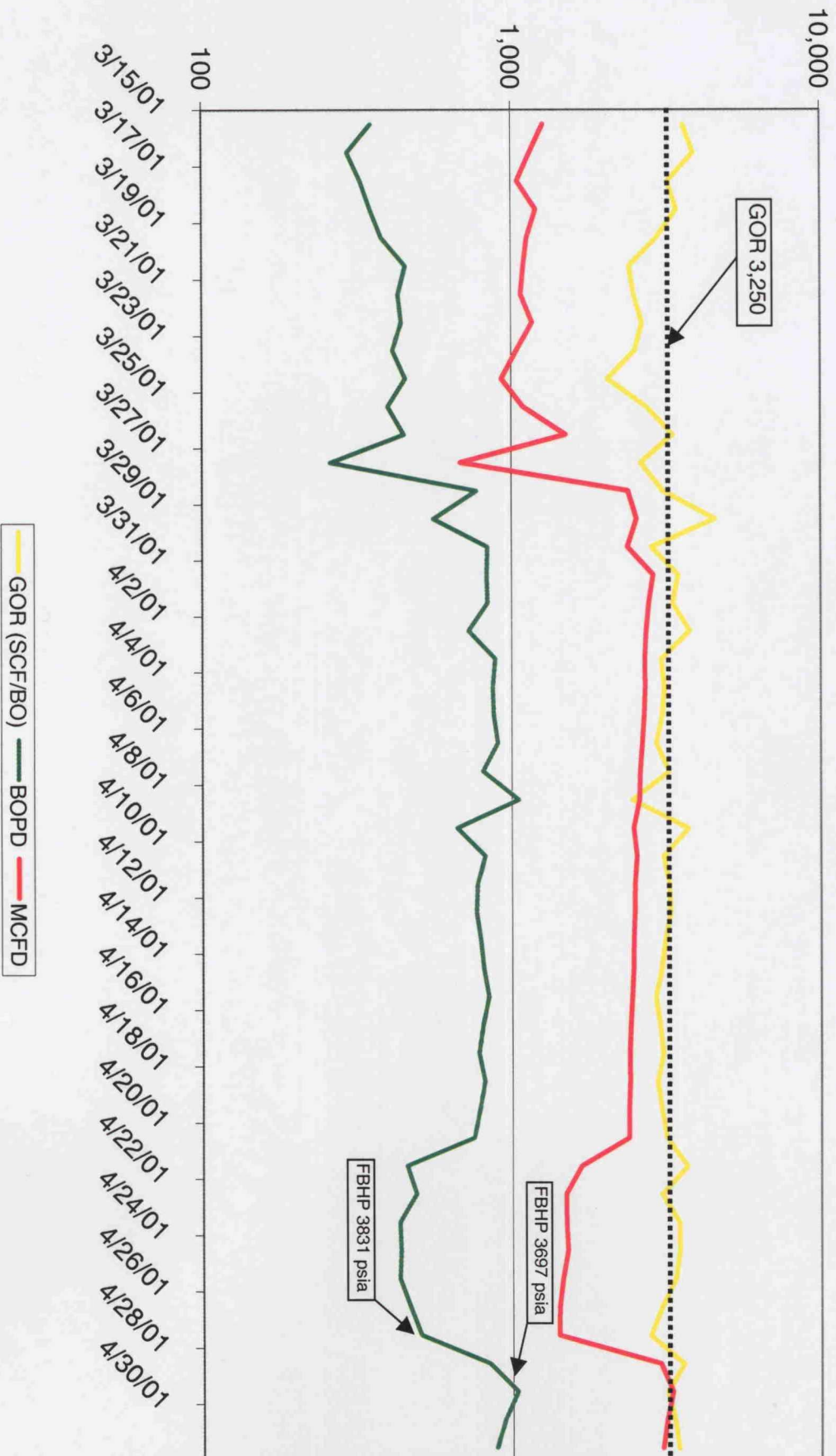


Prop 1652		☒ OIL /d
		☐ GAS /d
		☐ GOR
		☐ FTP /d
EUR 350,656		☒ RateTime
		☒ Semi Log
Cum	27,745	
Rem	322,911	
Rem%	92.1%	
Yrs	7.83	
Date	5/1/2001	
Act	0	
Qmo	22,580	
Q	755.1	
n	0	
De	57.36	
Qab	1	
GetQual	MD01	

Major = OIL



OAK LAKE 25 FEDERAL NO. 1
STRAWN DISCOVERY
EDDY COUNTY, NEW MEXICO

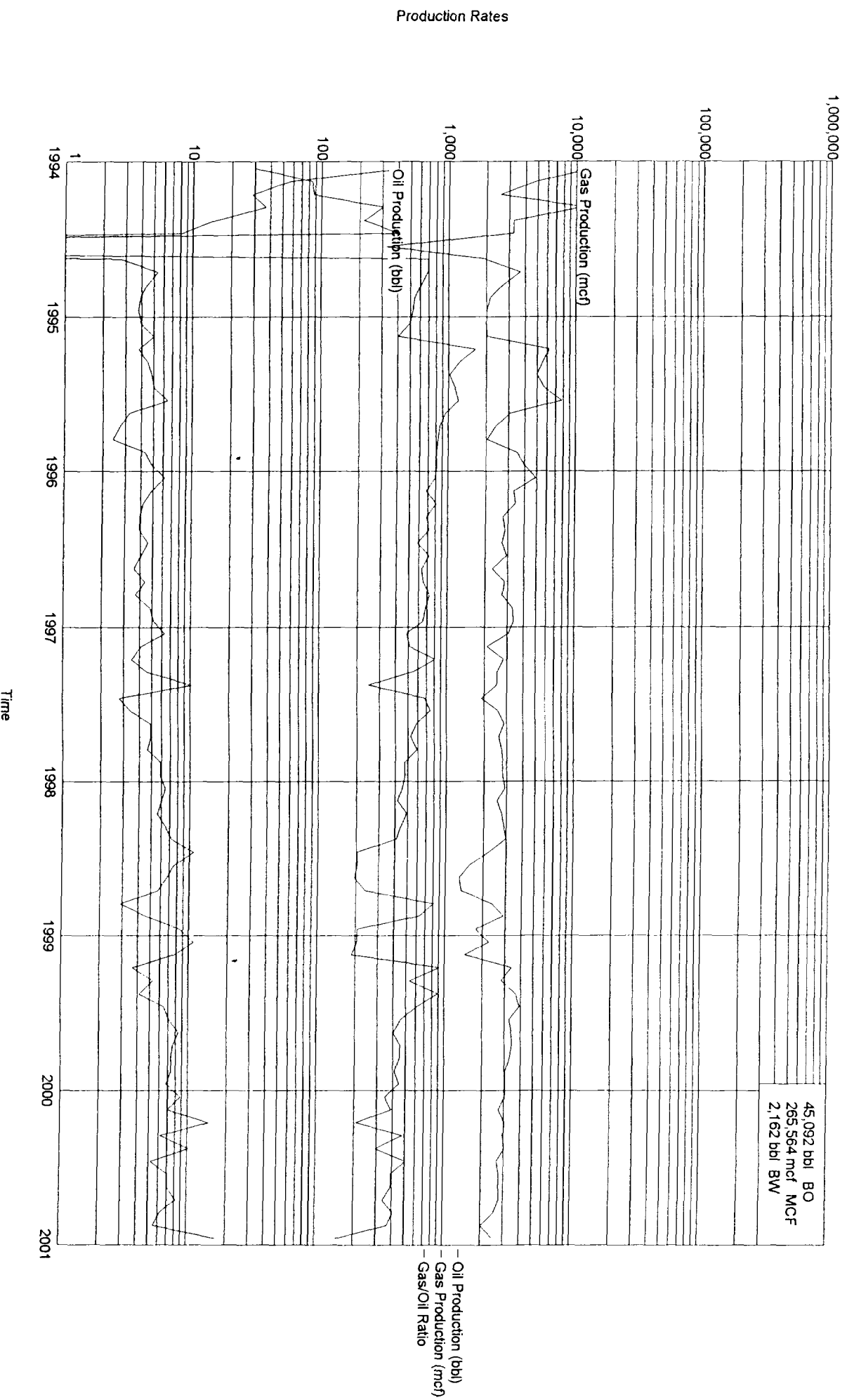


**OAK LAKE 25 FEDERAL NO. 1
STRAWN DISCOVERY
EDDY COUNTY, NEW MEXICO**

DATE	BOPD	MCFD	CHOKE	FTP	GOR (SCF/BO)	REMARKS
03/15/01	351	1,272	10/64	2,600	3,624	Not measuring flash gas off frac tanks.
03/16/01	295	1,153	10/64	2,550	3,908	
03/17/01	325	1,048	10/64	2,450	3,225	
03/18/01	350	1,205	10/64	2,425	3,443	
03/19/01	380	1,125	10/64	2,410	2,961	
03/20/01	454	1,097	11/64	2,400	2,416	
03/21/01	430	1,076	11/64	2,400	2,502	Flow to facilities.
03/22/01	440	1,172	11/64	2,400	2,664	
03/23/01	412	1,040	11/64	2,420	2,524	
03/24/01	453	930	11/64	2,440	2,053	
03/25/01	398	1,094	11/64	2,500	2,749	
03/26/01	449	1,502	11/64	2,200	3,345	
03/27/01	259	682	12/64	2,200	2,633	
03/28/01	770	2,393	18/64	2,150	3,108	
03/29/01	558	2,548	19/64	2,250	4,566	Now selling flash gas - begin M.E.R. test.
03/30/01	836	2,378	17/64	2,100	2,844	
03/31/01	830	2,882	17/64	2,100	3,472	
04/01/01	836	2,784	17/64	2,050	3,330	
04/02/01	724	2,733	17/64	2,020	3,775	
04/03/01	884	2,705	17/64	2,020	3,060	
04/04/01	867	2,708	17/64	1,990	3,123	
04/05/01	874	2,687	17/64	1,960	3,074	
04/06/01	900	2,650	17/64	1,940	2,944	
04/07/01	806	2,610	17/64	1,940	3,238	
04/08/01	1,052	2,594	17/64	1,920	2,466	
04/09/01	664	2,486	17/64	1,900	3,744	
04/10/01	819	2,546	17/64	1,880	3,109	
04/11/01	772	2,502	17/64	1,870	3,241	
04/12/01	765	2,499	17/64	1,850	3,267	
04/13/01	790	2,480	17/64	1,840	3,139	
04/14/01	808	2,472	17/64	1,840	3,059	
04/15/01	839	2,452	17/64	1,830	2,923	
04/16/01	803	2,420	17/64	1,830	3,014	
04/17/01	778	2,401	17/64	1,810	3,086	
04/18/01	813	2,405	17/64	1,800	2,958	
04/19/01	782	2,389	17/64	1,790	3,055	
04/20/01	751	2,386	17/64	1,780	3,177	
04/21/01	454	1,677	12/64	1,810	3,694	Continue M.E.R. test at reduced rate.
04/22/01	487	1,490	12/64	1,825	3,060	
04/23/01	430	1,495	12/64	1,825	3,477	
04/24/01	433	1,510	12/64	1,840	3,487	
04/25/01	430	1,452	12/64	1,850	3,377	
04/26/01	465	1,417	12/64	1,850	3,047	
04/27/01	504	1,414	12/64	1,850	2,806	
04/28/01	840	3,022	20/64	1,850	3,598	Continue M.E.R. test at increased rate.
04/29/01	1,036	3,305	20/64	1,850	3,190	
04/30/01	942	3,167	20/64	1,850	3,362	
05/01/01	886	3,076	20/64	1,850	3,472	

Lease Name: MULTIPLE
County, State: EDDY, Unknown
Operator: MULTIPLE
Field: CEDAR LAKE NORTH
Reservoir: STRAWN
Location:

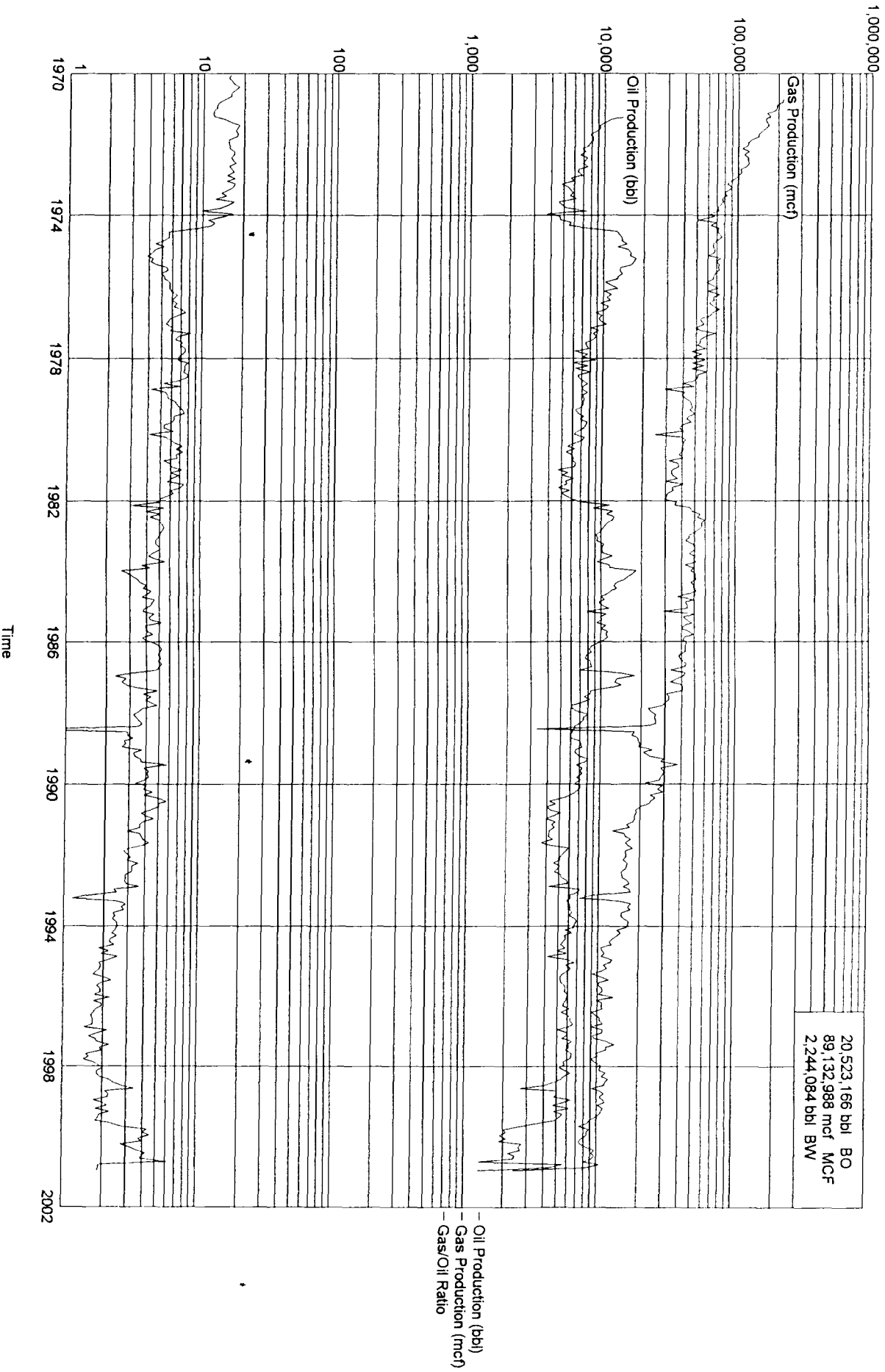
MULTIPLE - CEDAR LAKE NORTH



Lease Name: MULTIPLE
County, State: MULTIPLE, Unknown
Operator: MULTIPLE
Field: LUSK
Reservoir: STRAWN
Location:

MULTIPLE - LUSK

Production Rates



Lease Name: MULTIPLE
County, State: EDDY, Unknown
Operator: MEWBOURNE OIL COMPANY
Field: CEDAR LAKE
Reservoir: STRAWN
Location:

MULTIPLE - CEDAR LAKE

