

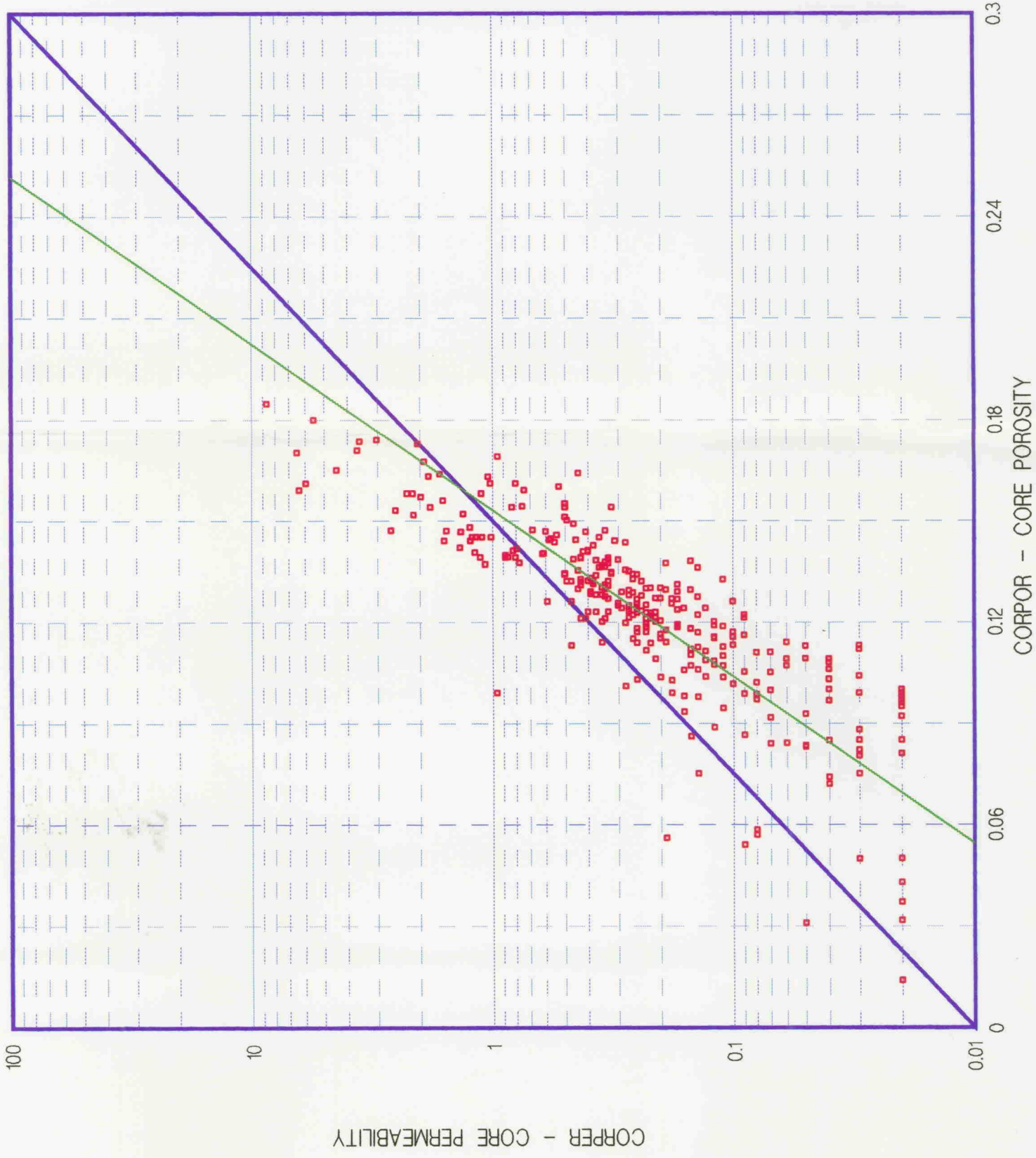
BURTON FLAT

DISCRIM:

CORPOR : 0.01 - 0.2

CORPER : 0.02 - 100

5 Wells Zone: BSPG1SD



BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

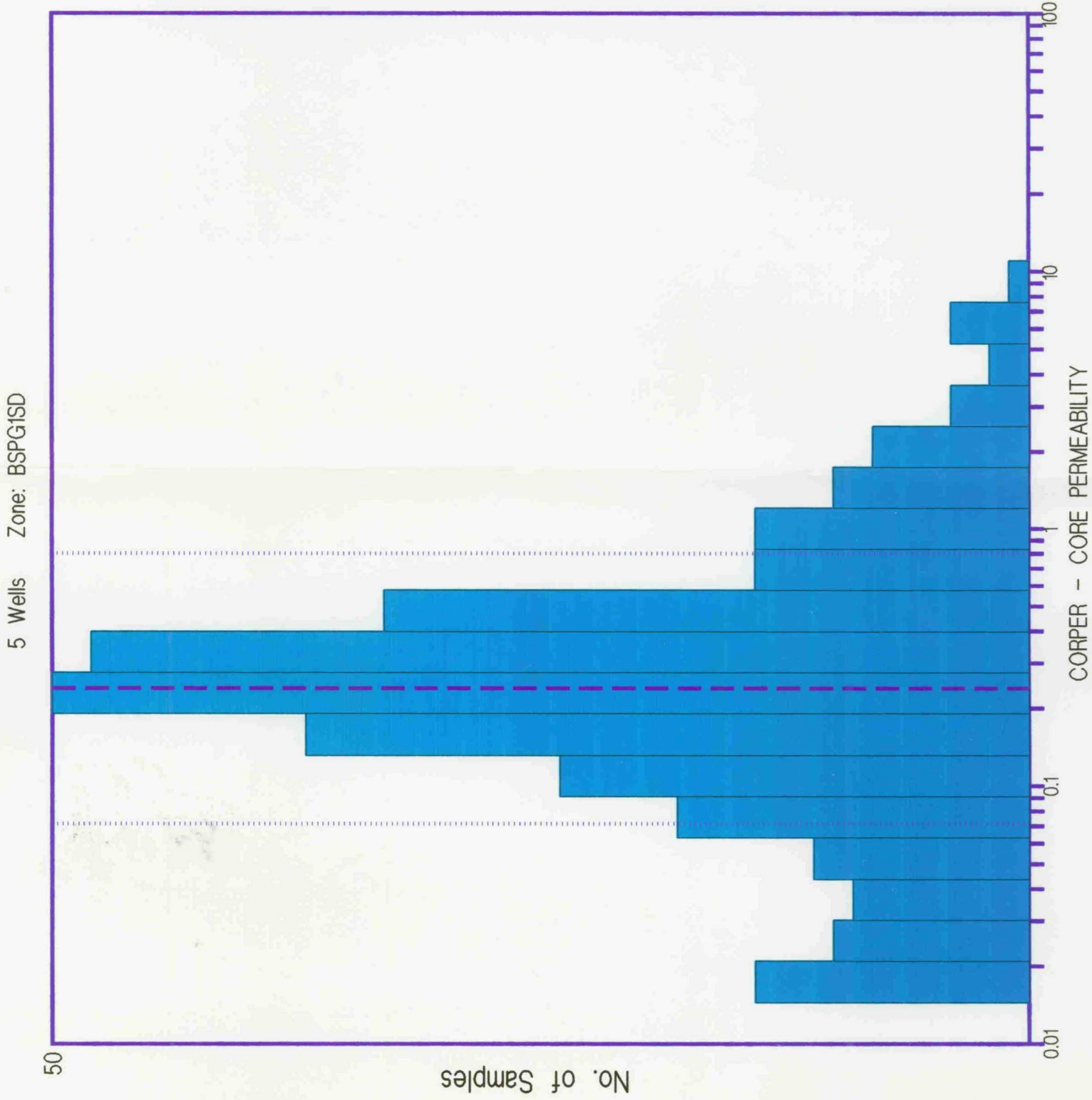
Case No. 10556 (Reopened) Exhibit No. 4

Submitted by: OXY USA INC.

Hearing Date: March 2, 1995

BURTON FLAT

DISCRIM:
CORPER : 0.02 - 100



Samples = 311 Mean = 0.239 S.D. = 3.345

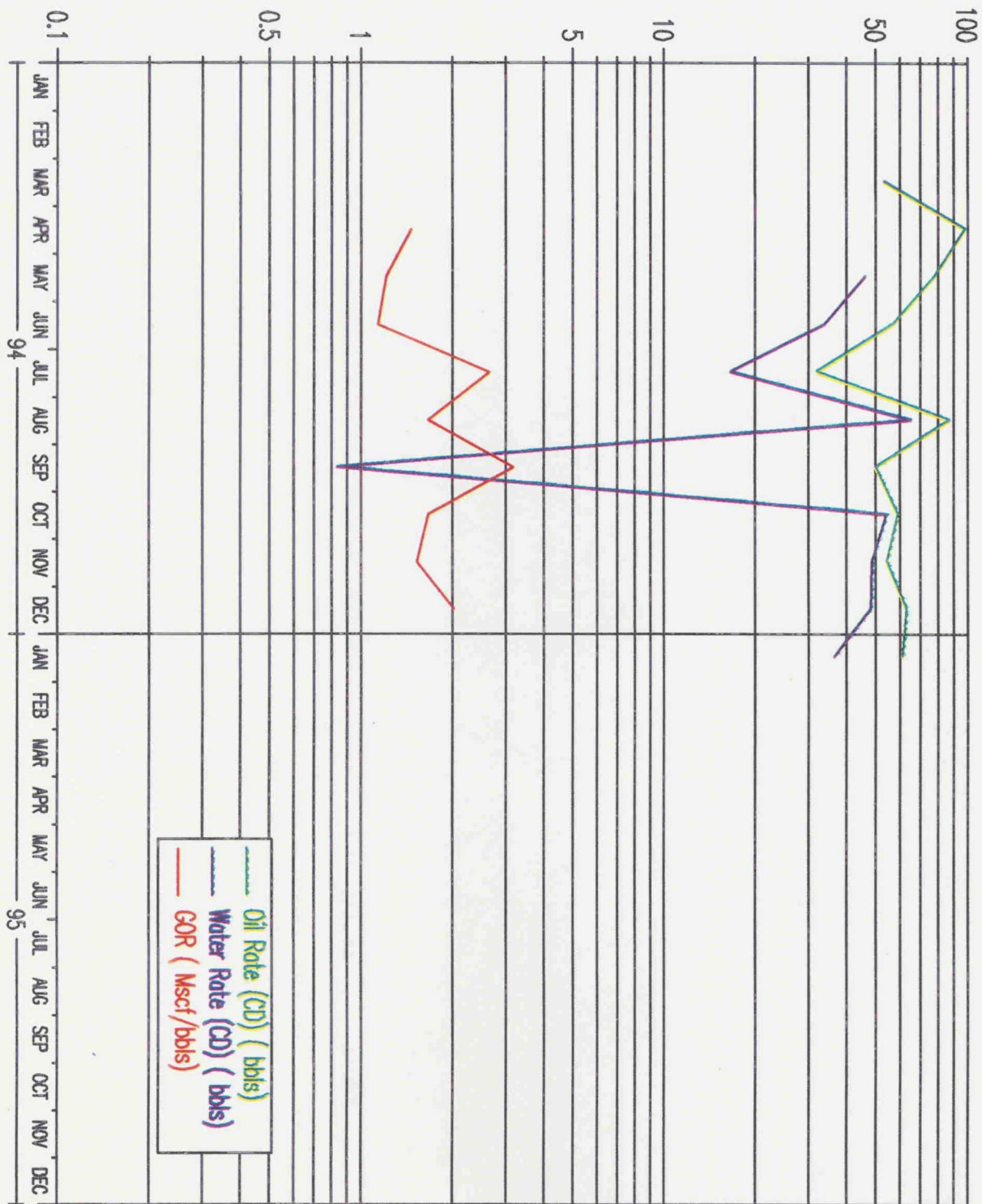
BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 10556 (Reopened) Exhibit No. 5

Submitted by: OXY USA INC.

Hearing Date: March 2, 1995

WELL: GOVT AB6



BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 10556 (Reopened) Exhibit No. 6

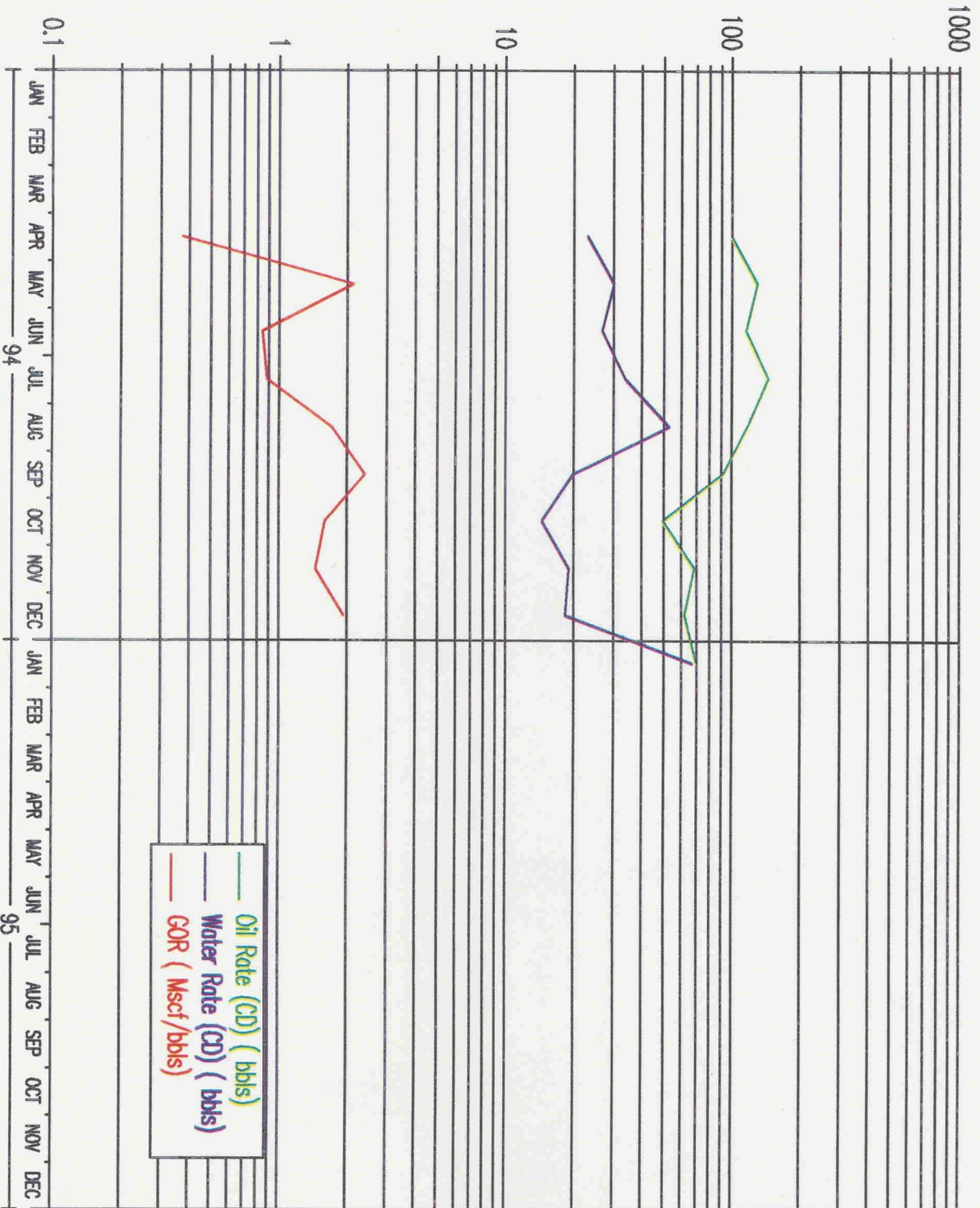
Submitted by: OXY USA INC.

Hearing Date: March 2, 1995

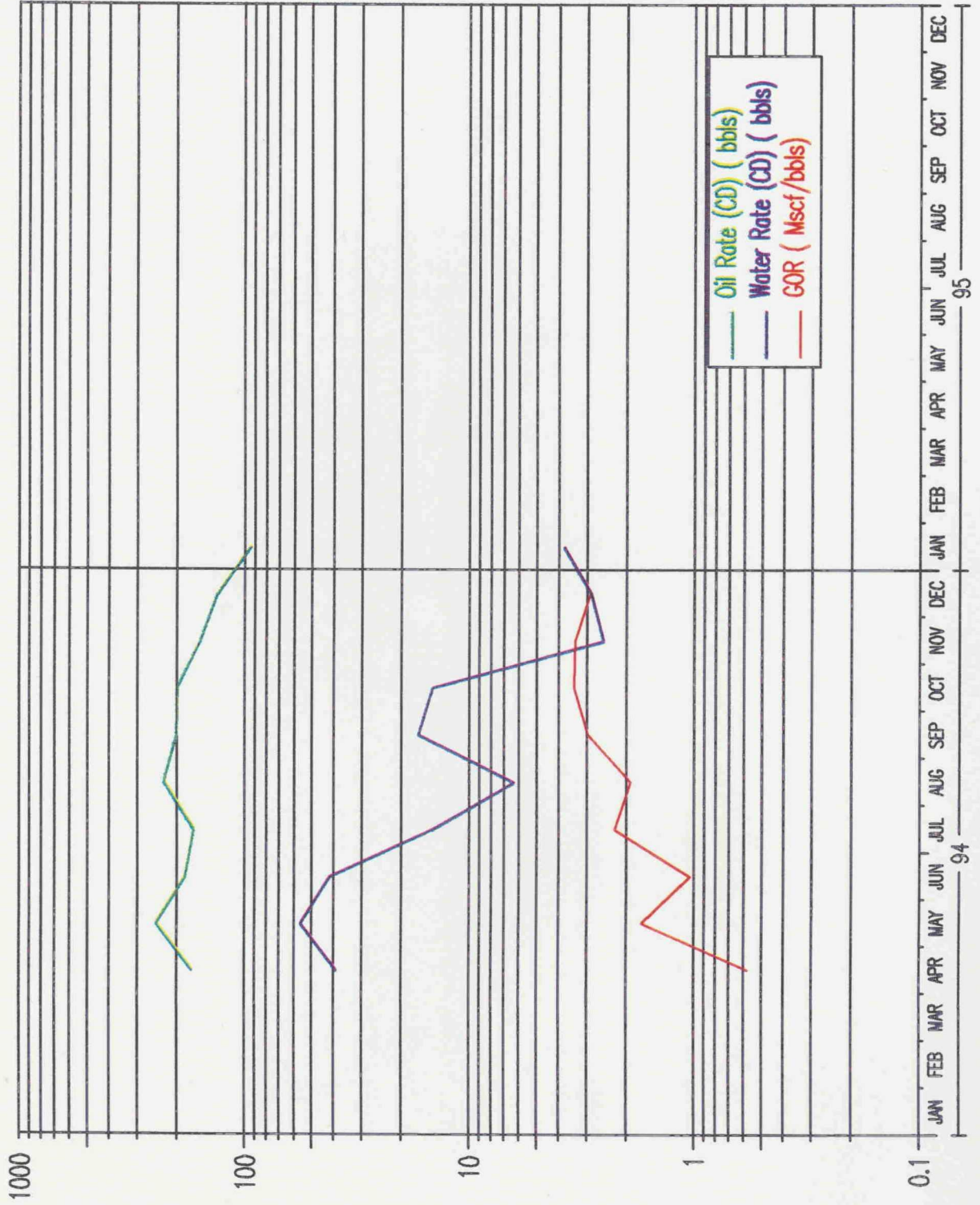
WELL: GOVT S3



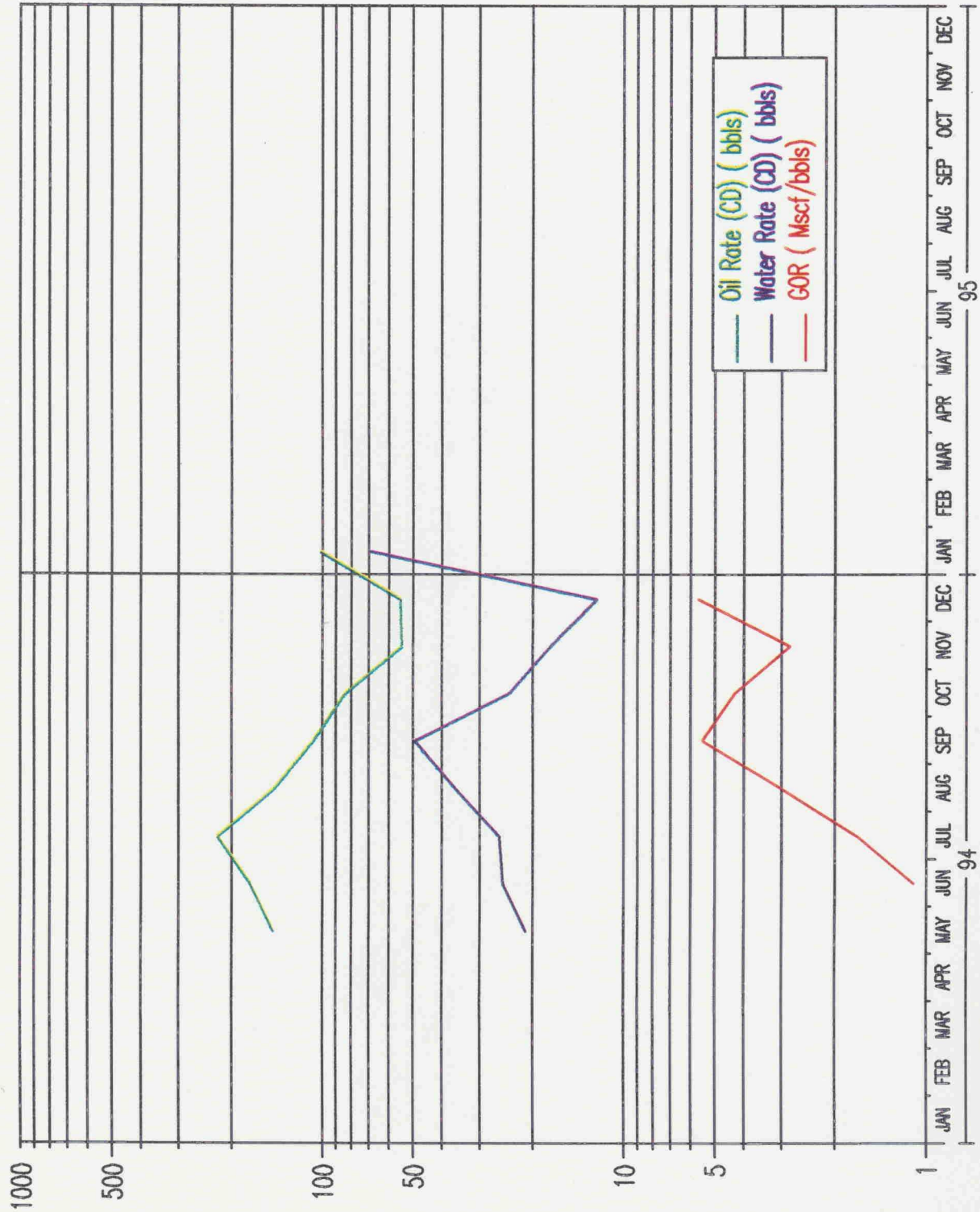
WELL: GOVT AB7



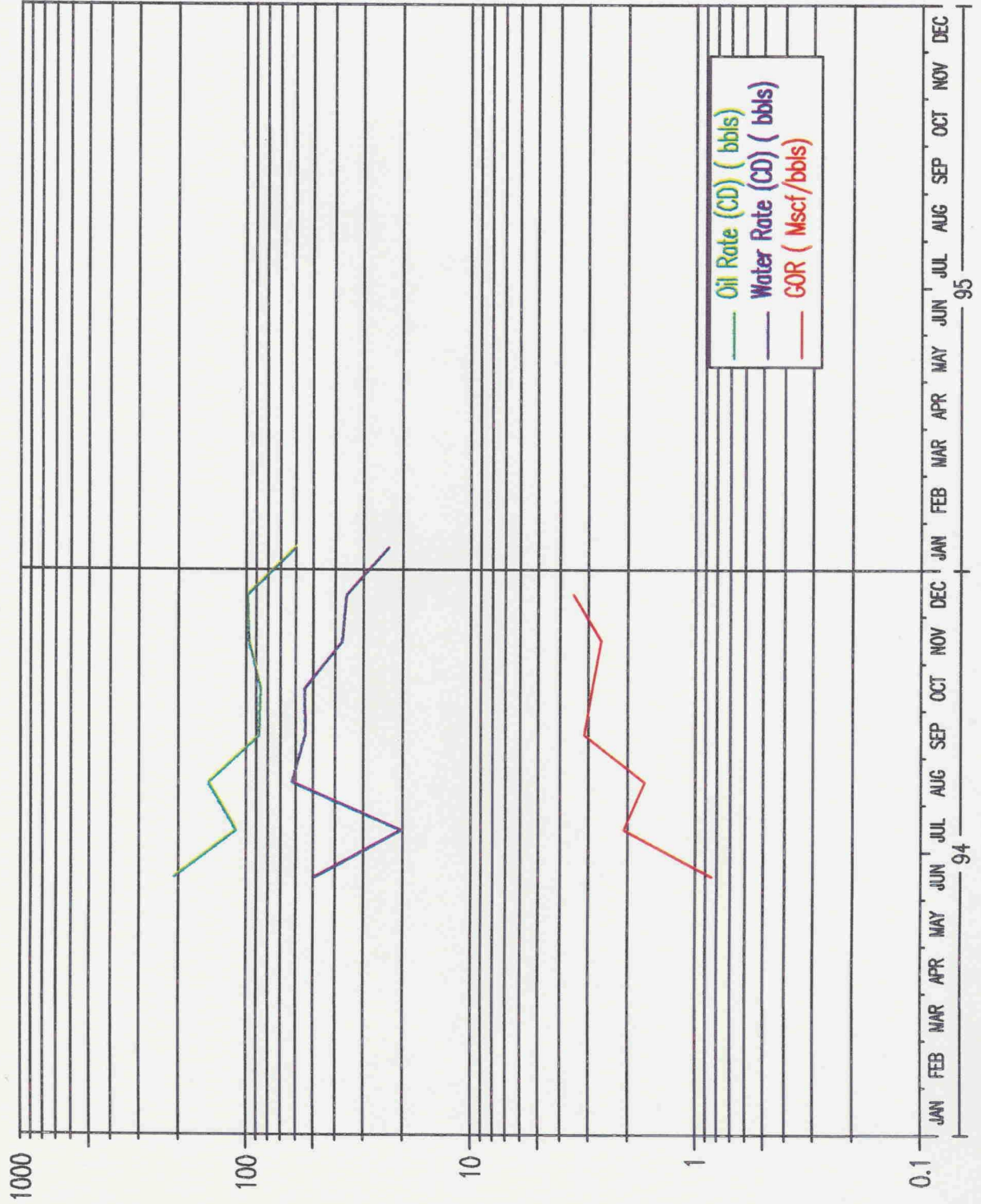
WELL: GOVT S4



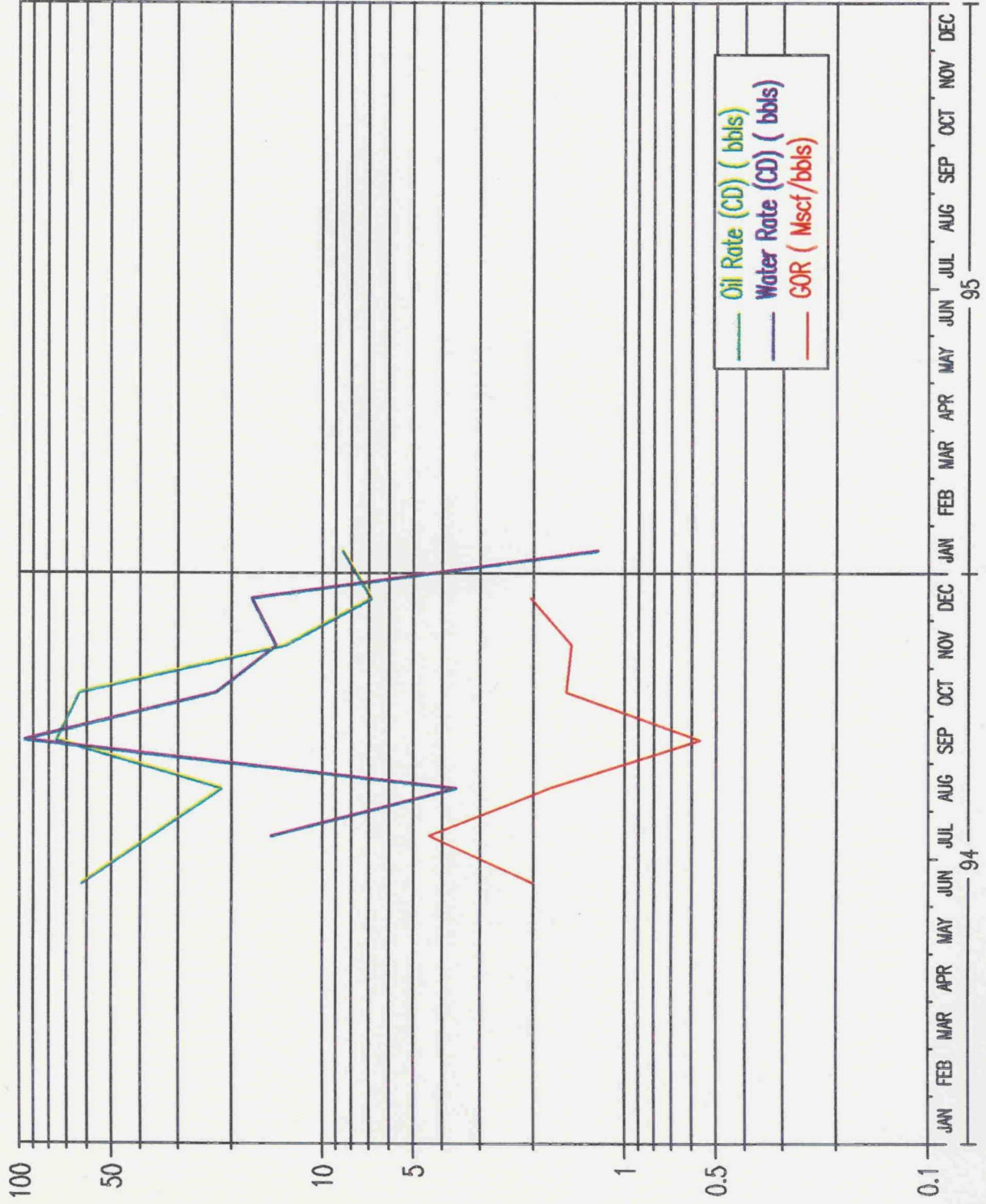
WELL: GOVT S5



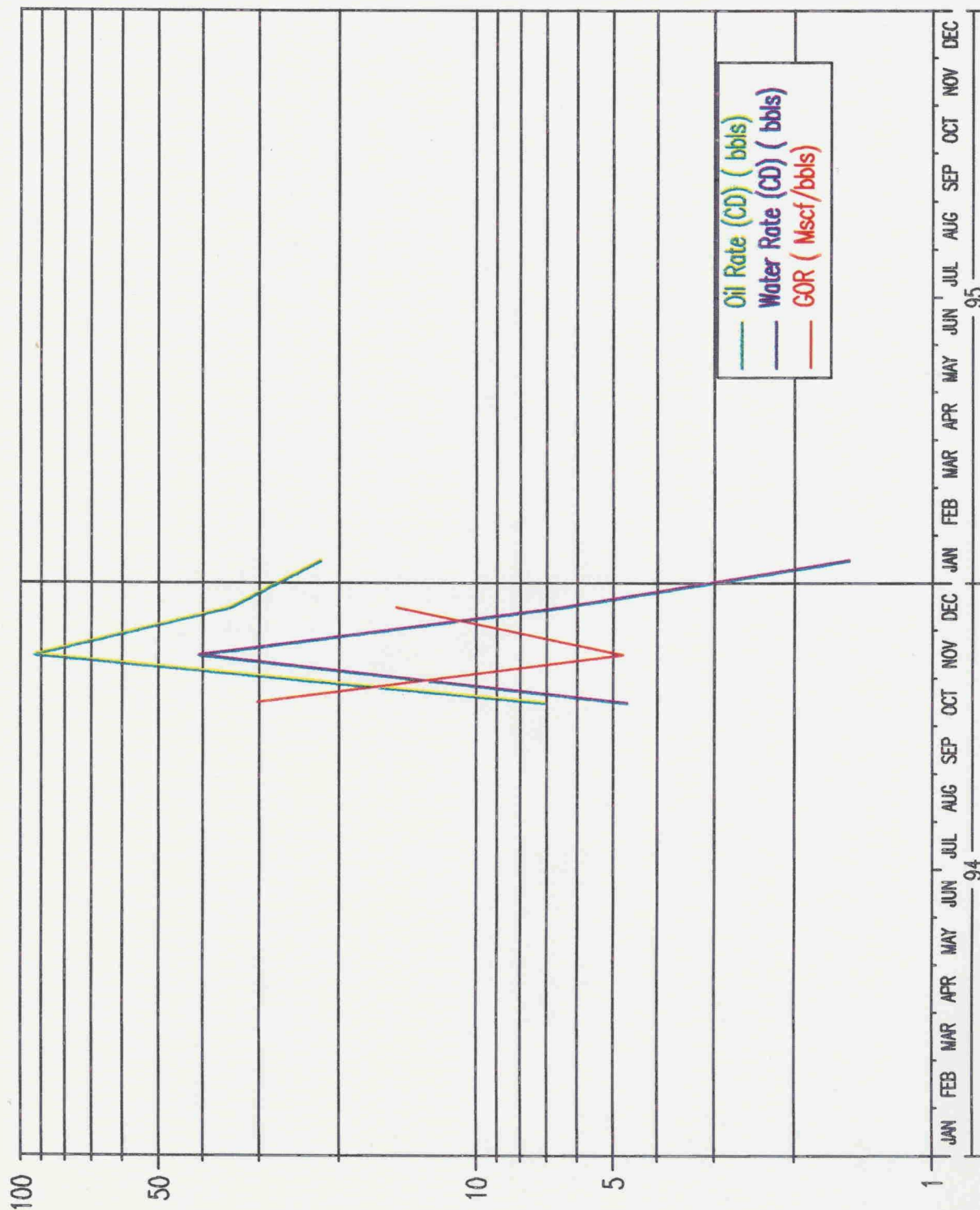
WELL: GOVT AB8

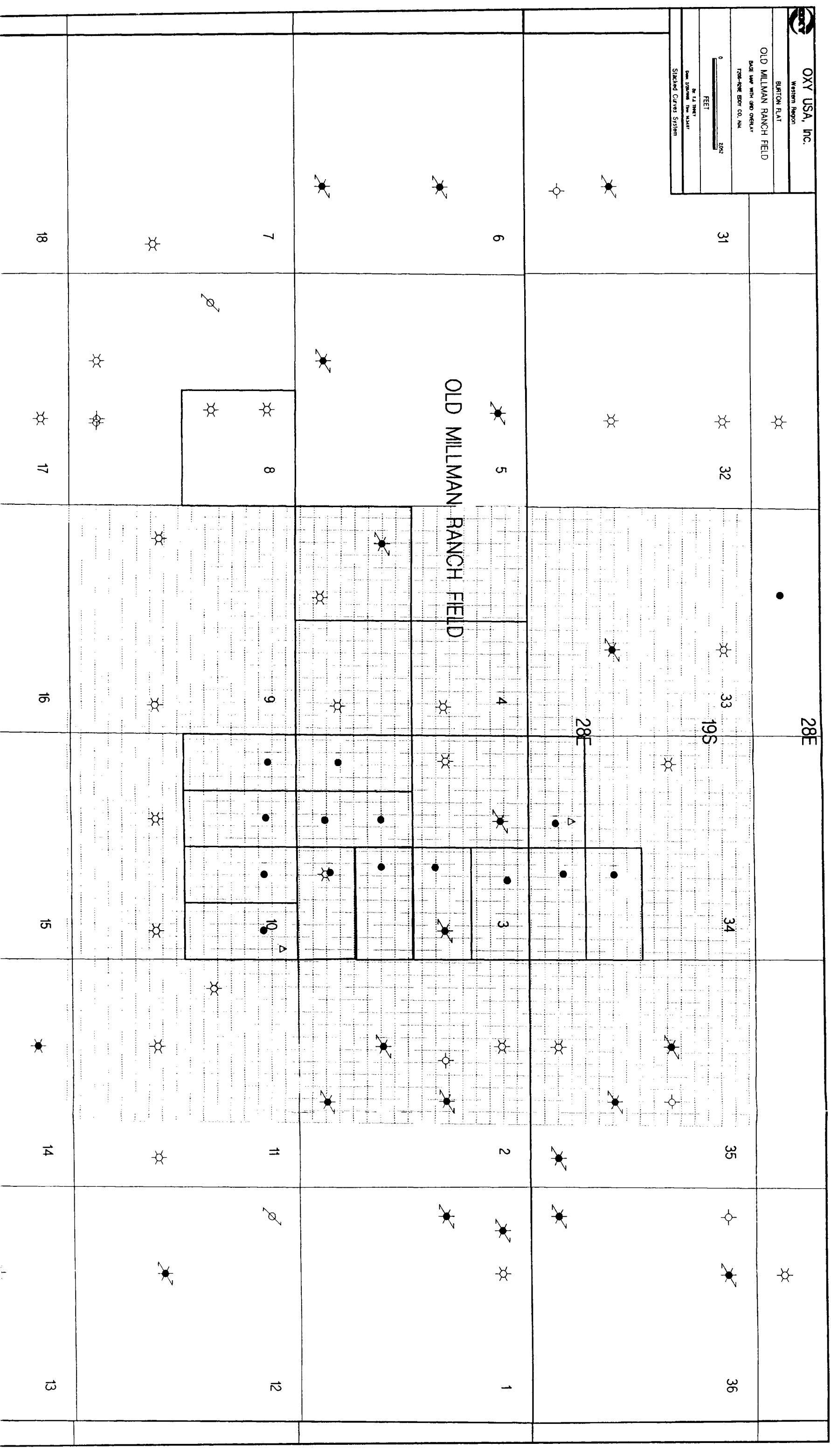


WELL: GOVT AB9



WELL: GOVT S6

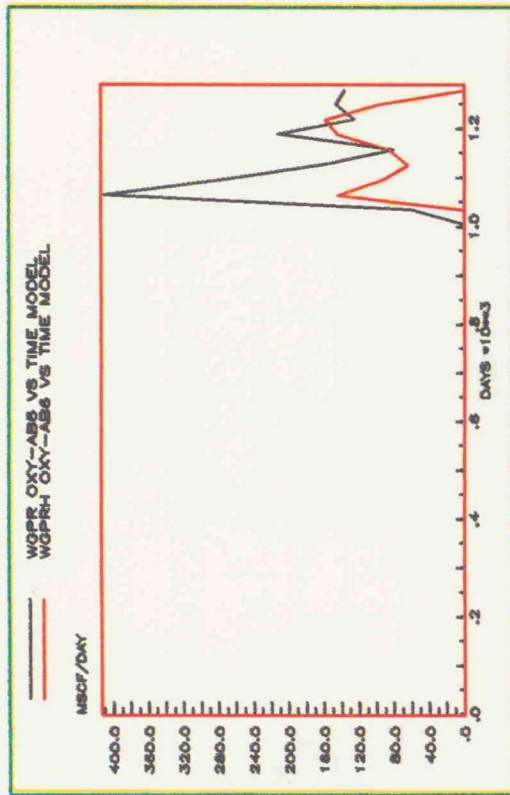




Reservoir Data Used for the Model Study

- ★ Electric Logs from all of OXY's wells
- ★ Whole cores from OXY/Government AB #8 & Chi/Remington #3
- ★ Rotary sidewall core plugs from OXY/Government S#3,
Government AB #6 & #7
- ★ PVT analysis from OXY/Government S#4
- ★ Pressure Buildup Test from OXY/Government S#3
- ★ Capillary Pressure & Gas/Oil Relative Permeability Data
obtained from cores from OXY/Government AB#8
- ★ Production history on all wells up until 11/94

GAS RATE



OIL RATE

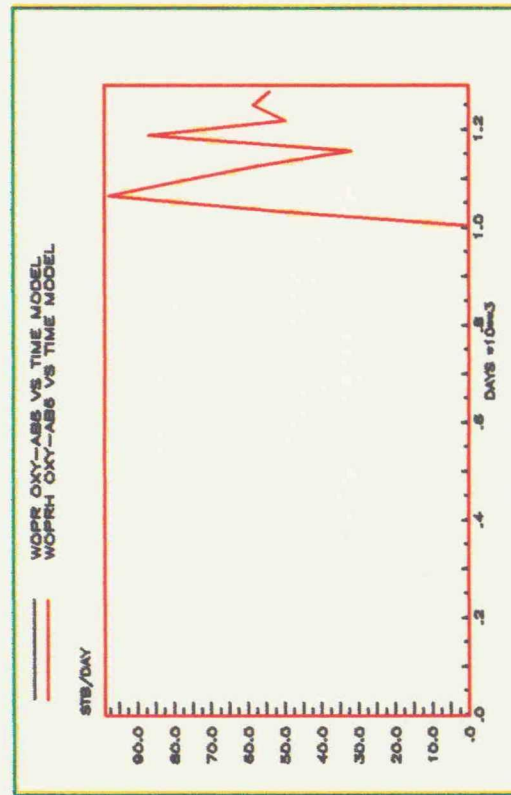
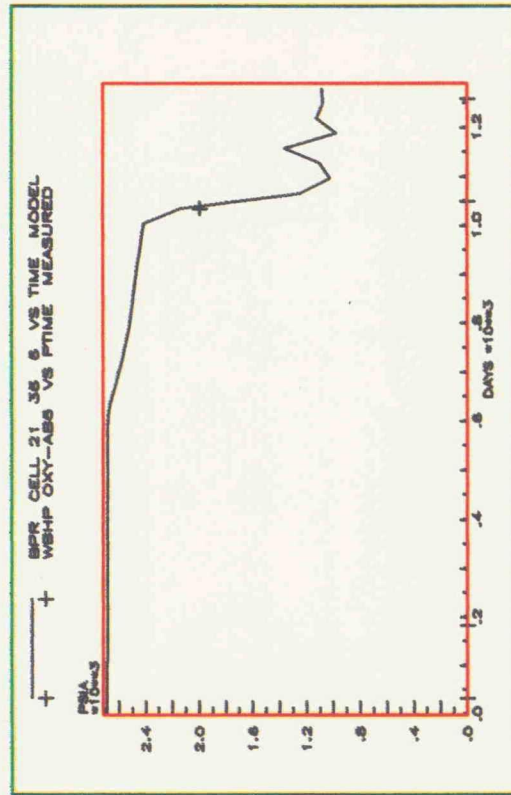
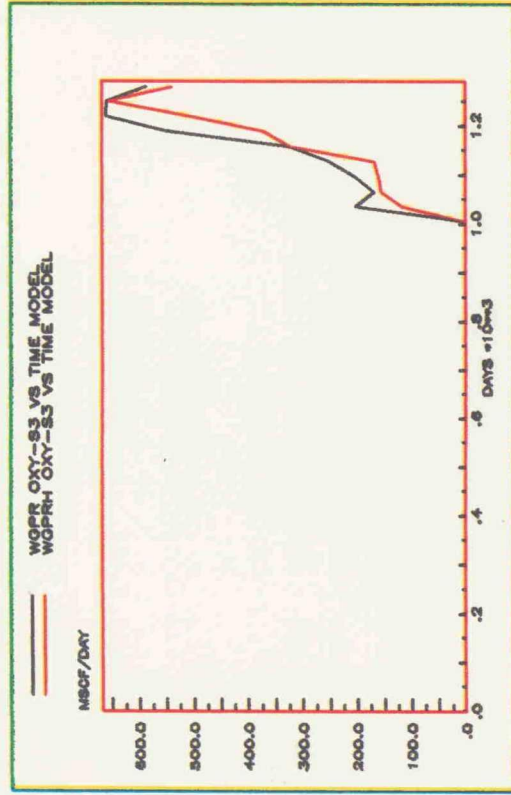


FIGURE 3
PERFORMANCE MATCH: AB-6 WELL
OLD MILLMAN RANCH (BONE SPRING) FIELD

PRESSURE



GAS RATE



OIL RATE

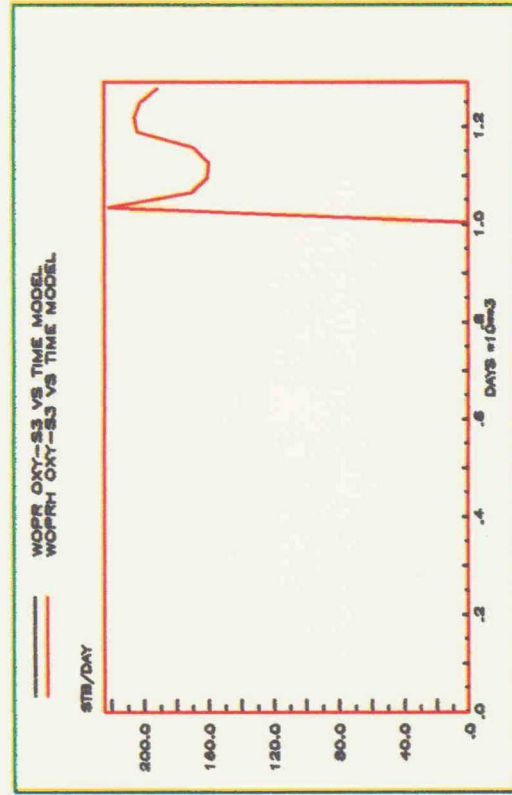
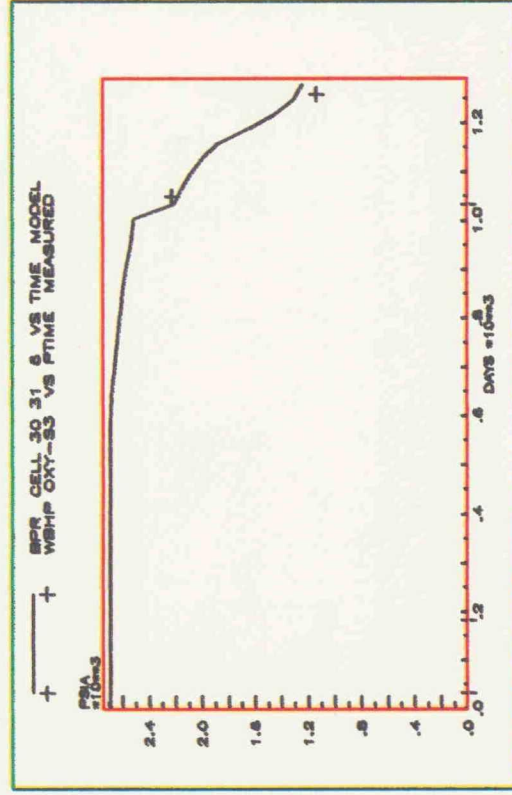
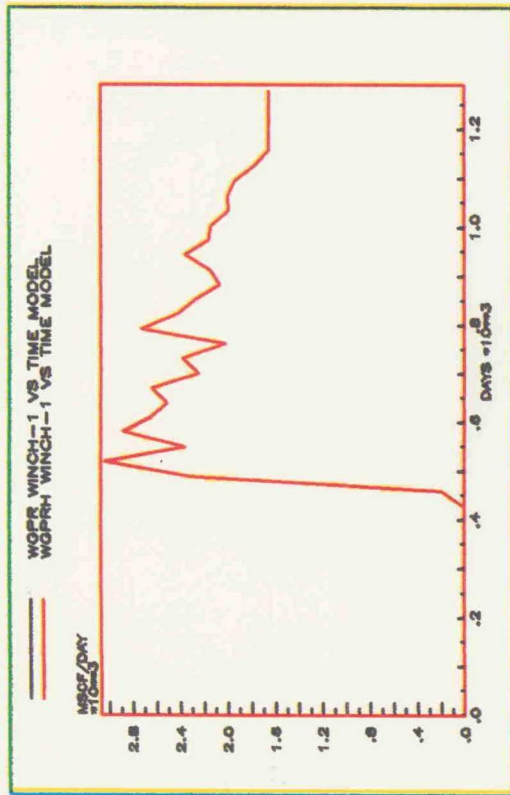


FIGURE 4
PERFORMANCE MATCH: S-3 WELL
OLD MILLMAN RANCH (BONE SPRING) FIELD

PRESSURE



GAS RATE



OIL RATE

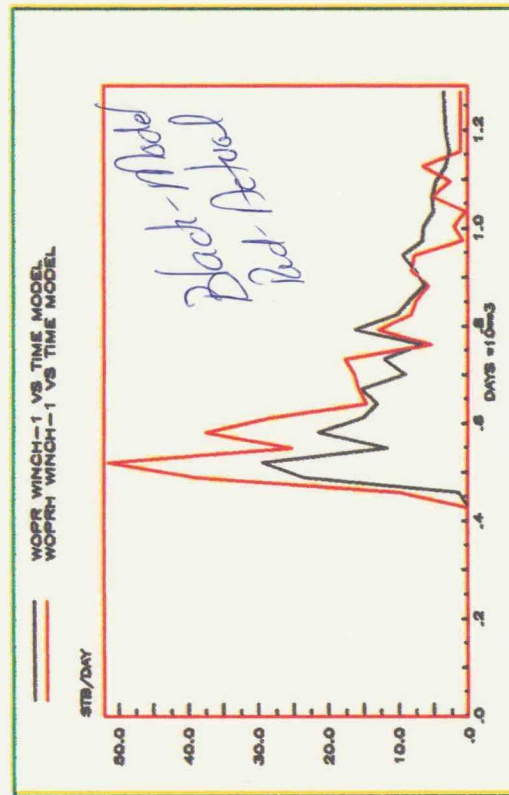
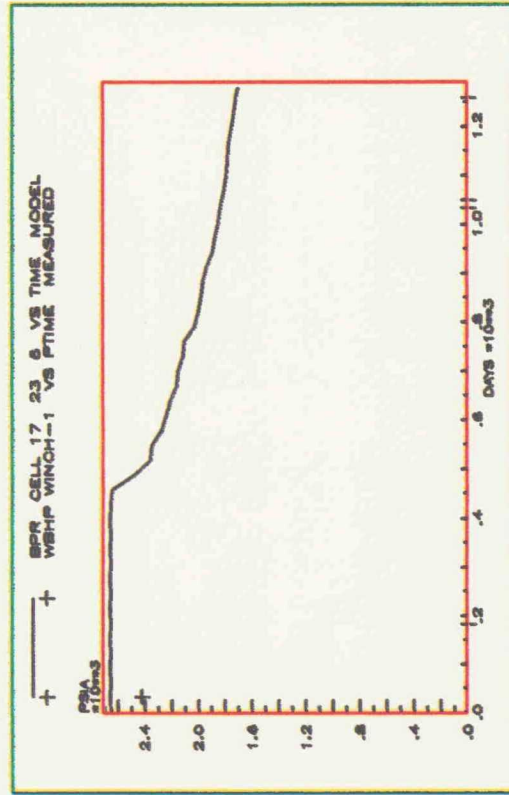


FIGURE 5

PERFORMANCE MATCH: WINCH-1 WELL
OLD MILLMAN RANCH (BONE SPRING) FIELD

PRESSURE



GAS RATE

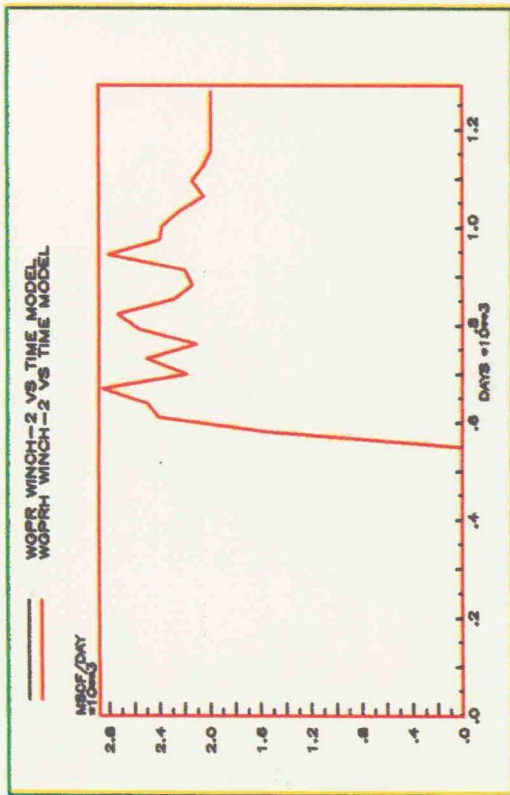
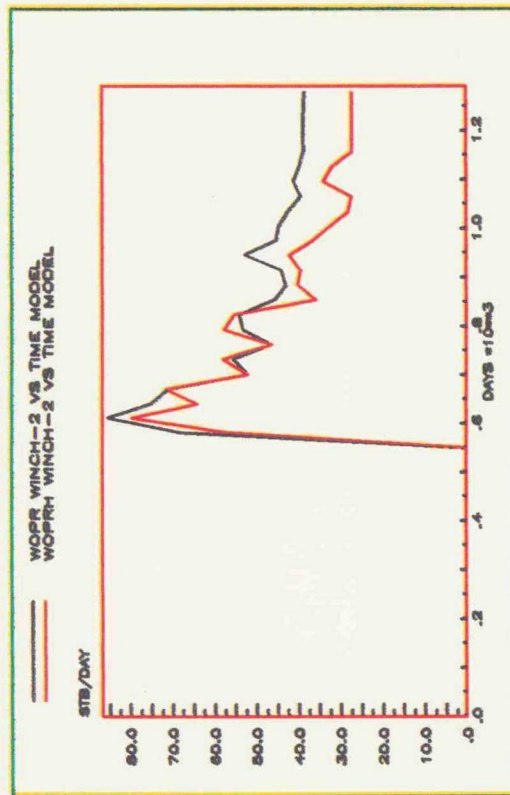
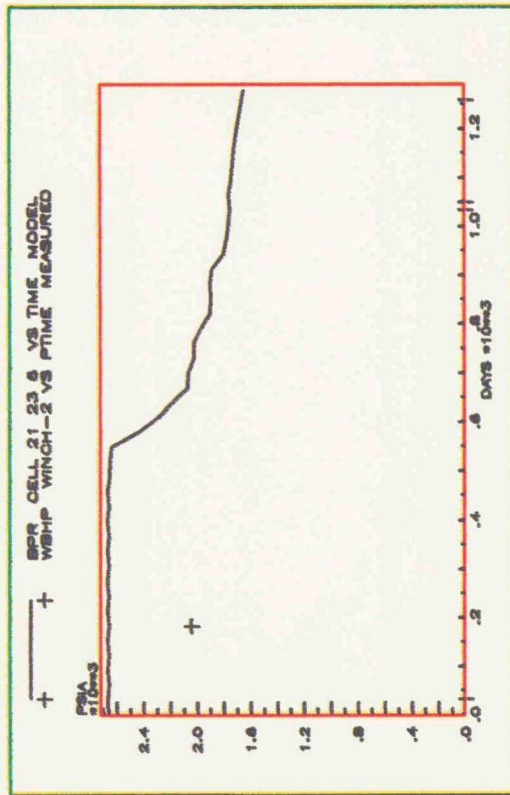


FIGURE 6
PERFORMANCE MATCH: WINCH-2 WELL
OLD MILLMAN RANCH (BONE SPRING) FIELD

OIL RATE



PRESSURE



— FOPR VS TIME MODEL
— FOPR VS TIME MEASURED

STB/DAY

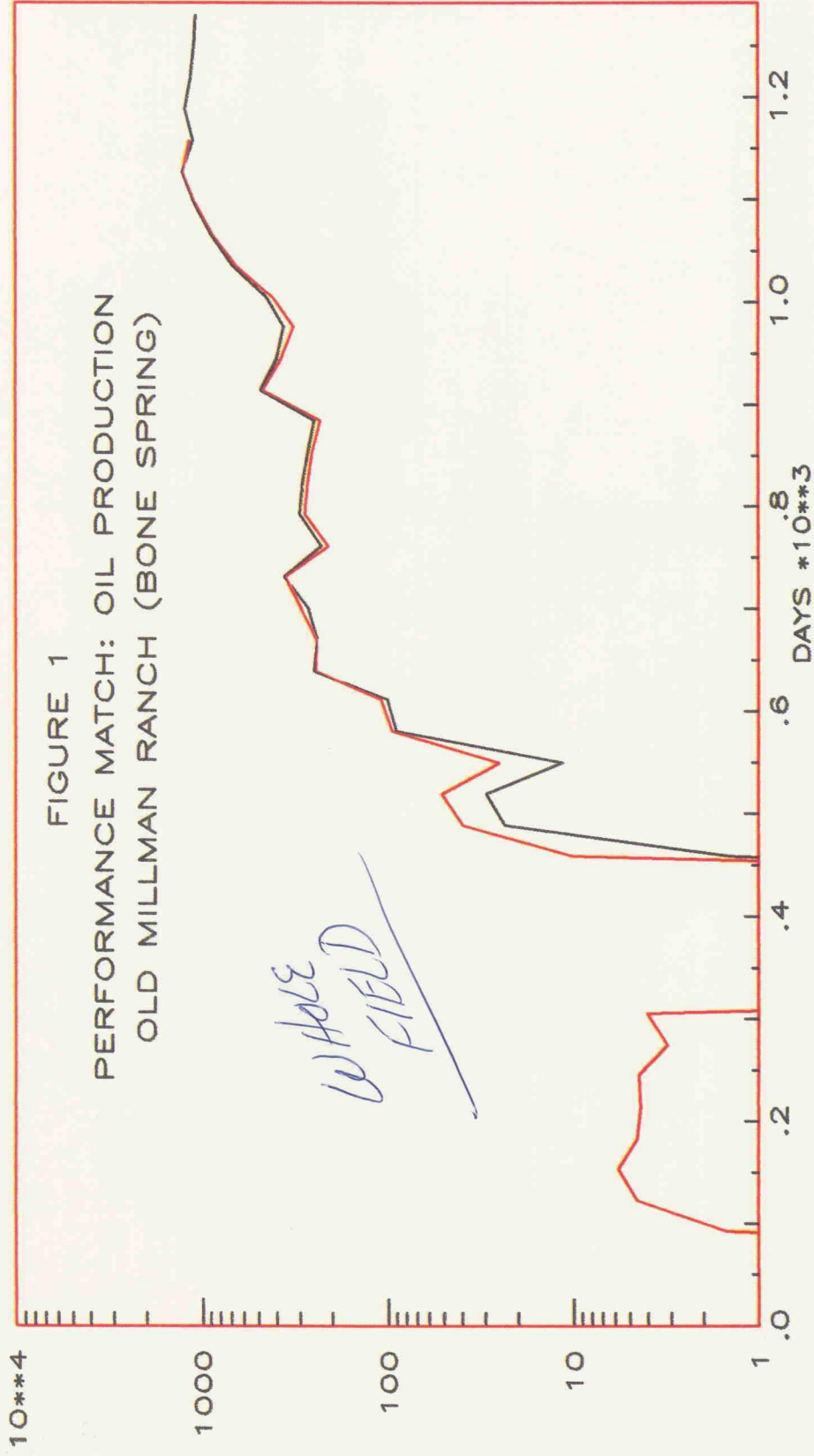


FIGURE 1
PERFORMANCE MATCH: OIL PRODUCTION
OLD MILLMAN RANCH (BONE SPRING)

WHOLE
FIELD

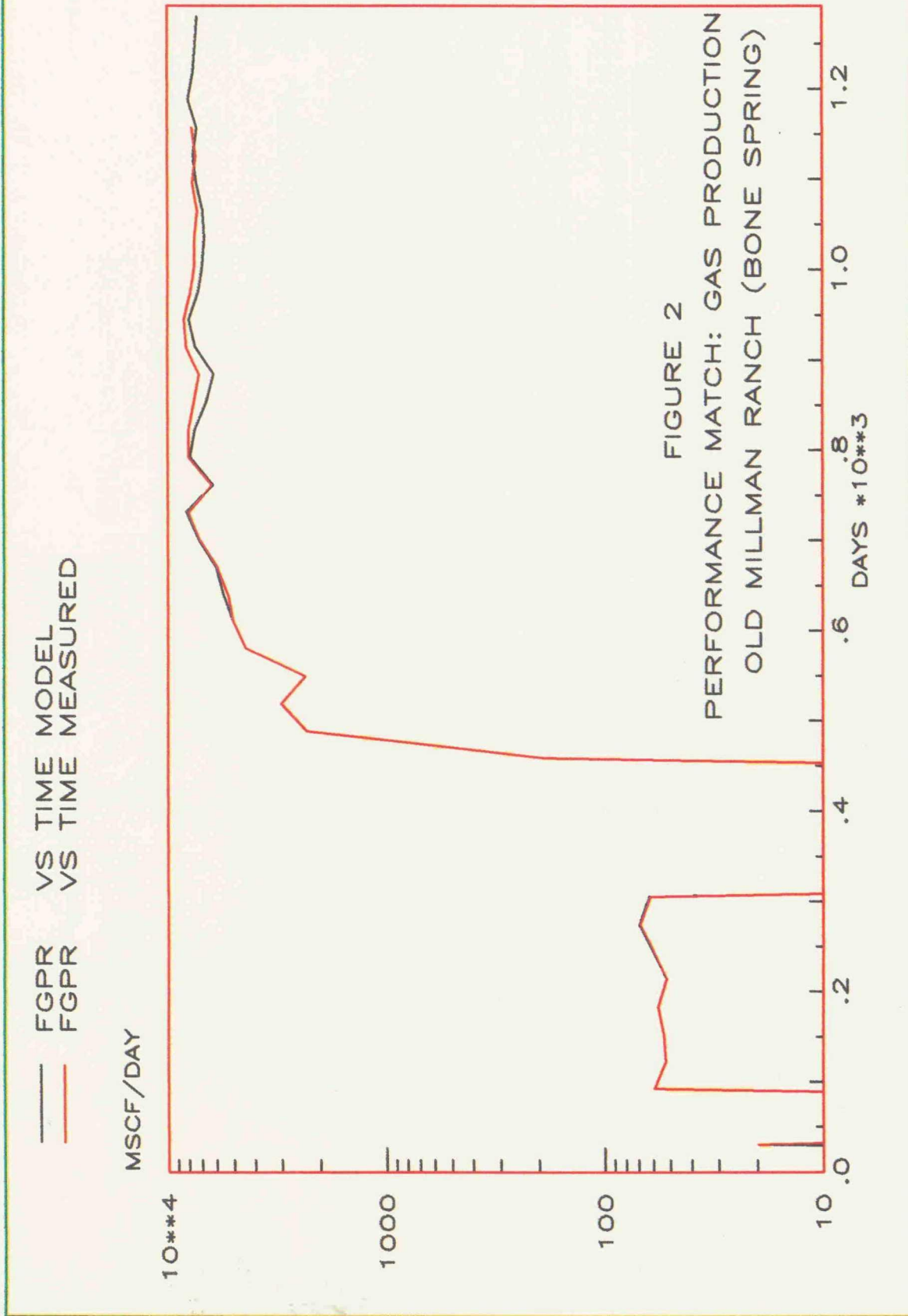


Figure 2 23/02/95 at 09:37:38



J300M 3MIT 2V 9903 9903
Q3RU2A3M 3MIT 2V 9903 9903

**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 10556 (Reopened) Exhibit No. 8

Submitted by: OXY USA INC.

Hearing Date: March 2, 1995

**Operating Rules
Old Millman Ranch (Bone Spring) Field
Eddy County, New Mexico**

	Current Field Rules	Chi's Proposed Rules	Statewide Rules
Oil Unit (acres)	80	40	40
Gas Unit (acres)	160	80	160
Oil Allowable (STB/D)	222	142	142
GOR Limit (SCF/STB)	5000	5000	2000
Gas Limit for Oil Wells (MCF/D)	1110	710	284
Gas Limit for Gas Wells (MCF/D)	2220	1420	1136

**Calculated Oil & Gas Recoveries
Old Millman Ranch (Bone Spring) Field
Eddy County, New Mexico**

Cases	Added Wells		Oil Recovery thru year 2014 (MSTB)	Gas Recovery thru year 2014 (MMCF)
	Oil	Gas		
Current Operations	0	0	3142	36950
Current Field Rules	5	0	3437	39543
Chi's Proposal	7	2	3441	42763

Conclusions:

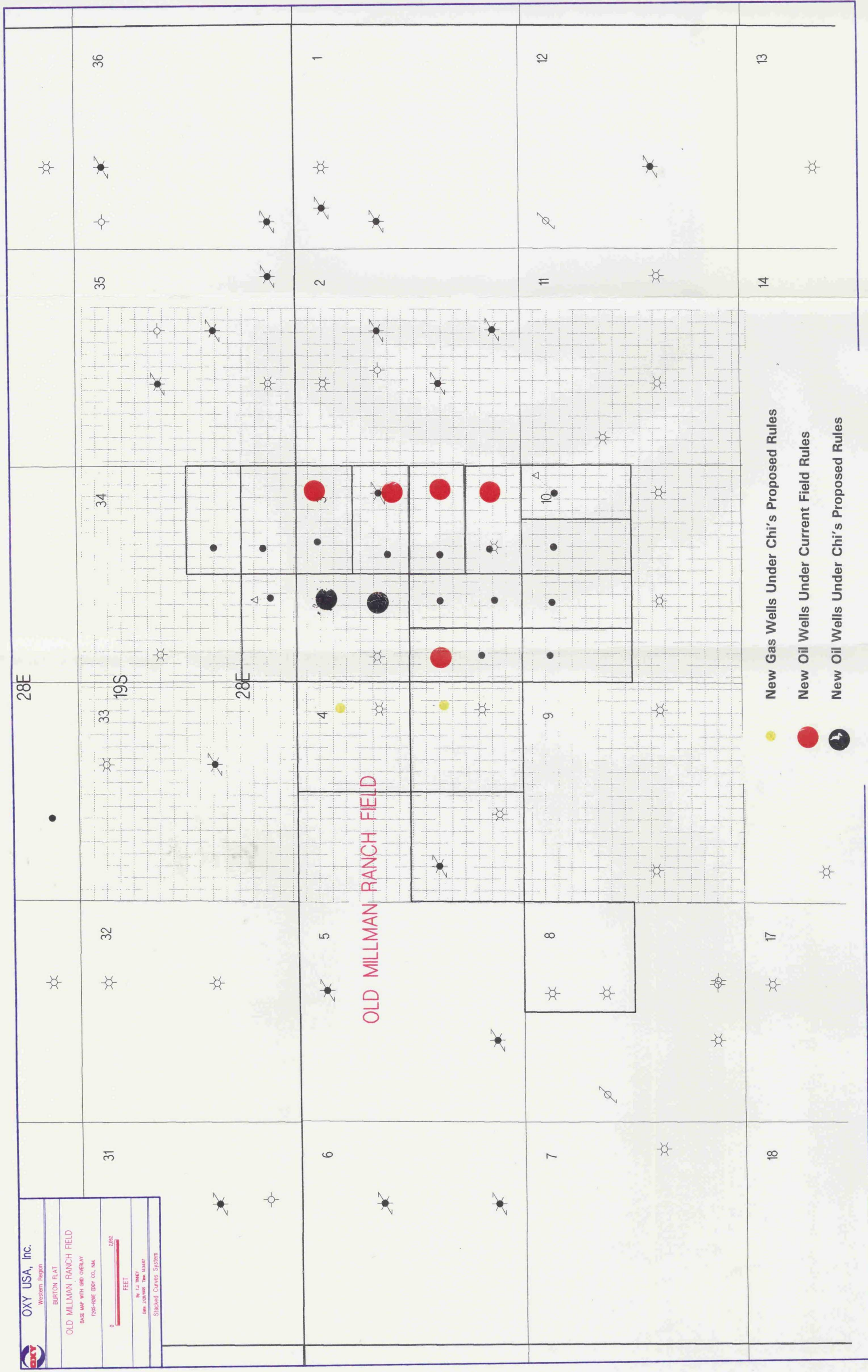
1. By adopting Chi's proposal, oil recoveries will not be adversely impacted but it will result in 3220 MMCF increase in gas recovery by year 2014.

**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 10556 (Reopened) Exhibit No. 9

Submitted by: OXY USA INC.

Hearing Date: March 2, 1995



BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 10556 (Reopened) Exhibit No. 10

Submitted by: OXY USA INC.

Hearing Date: March 2, 1995