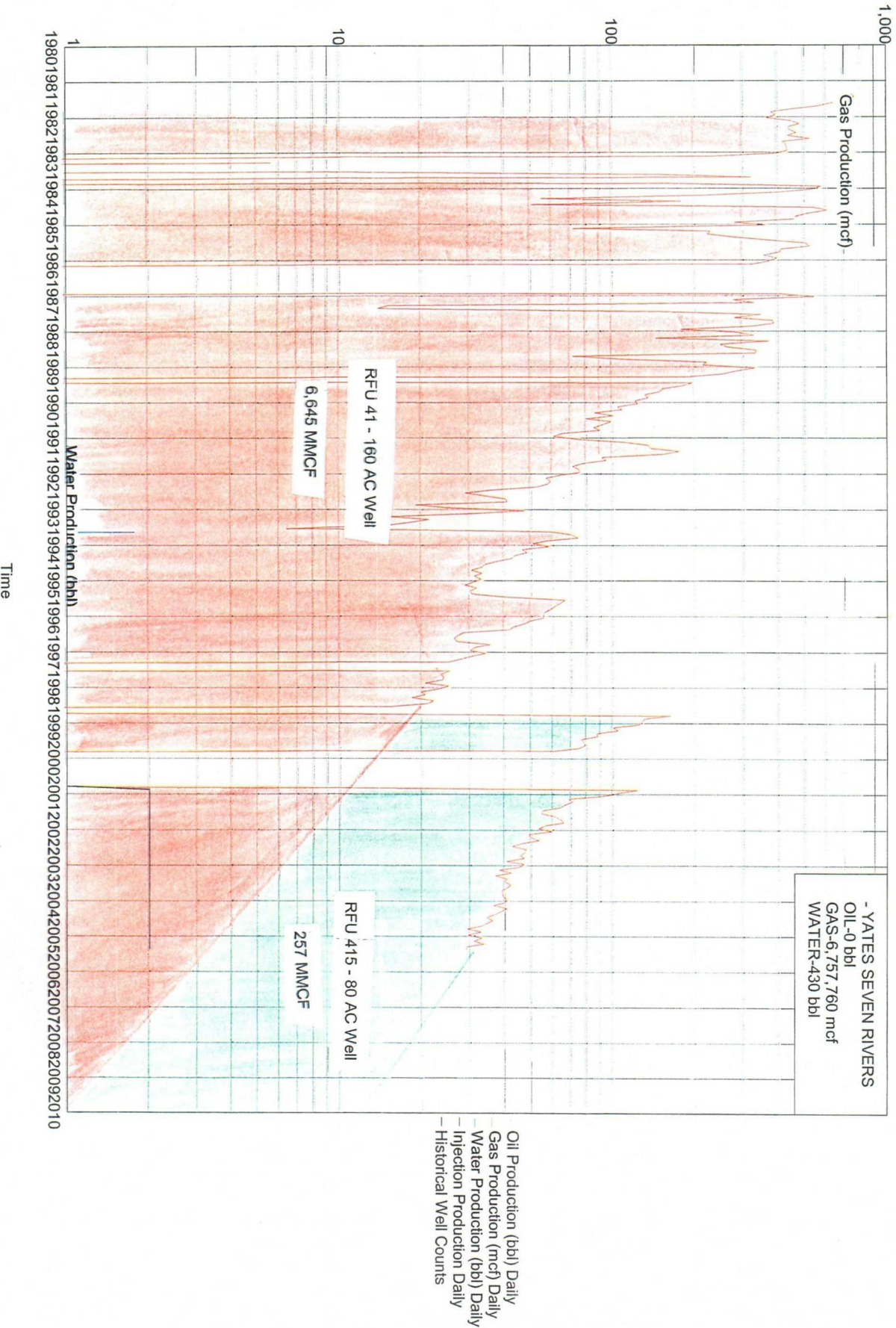


Lease Name: RHODES FEDERAL UNIT
County, State: LEA, NM
Operator: GRUY PETROLEUM MANAGEMENT COMPANY
Field: RHODES
Reservoir: YATES SEVEN RIVERS
Location:

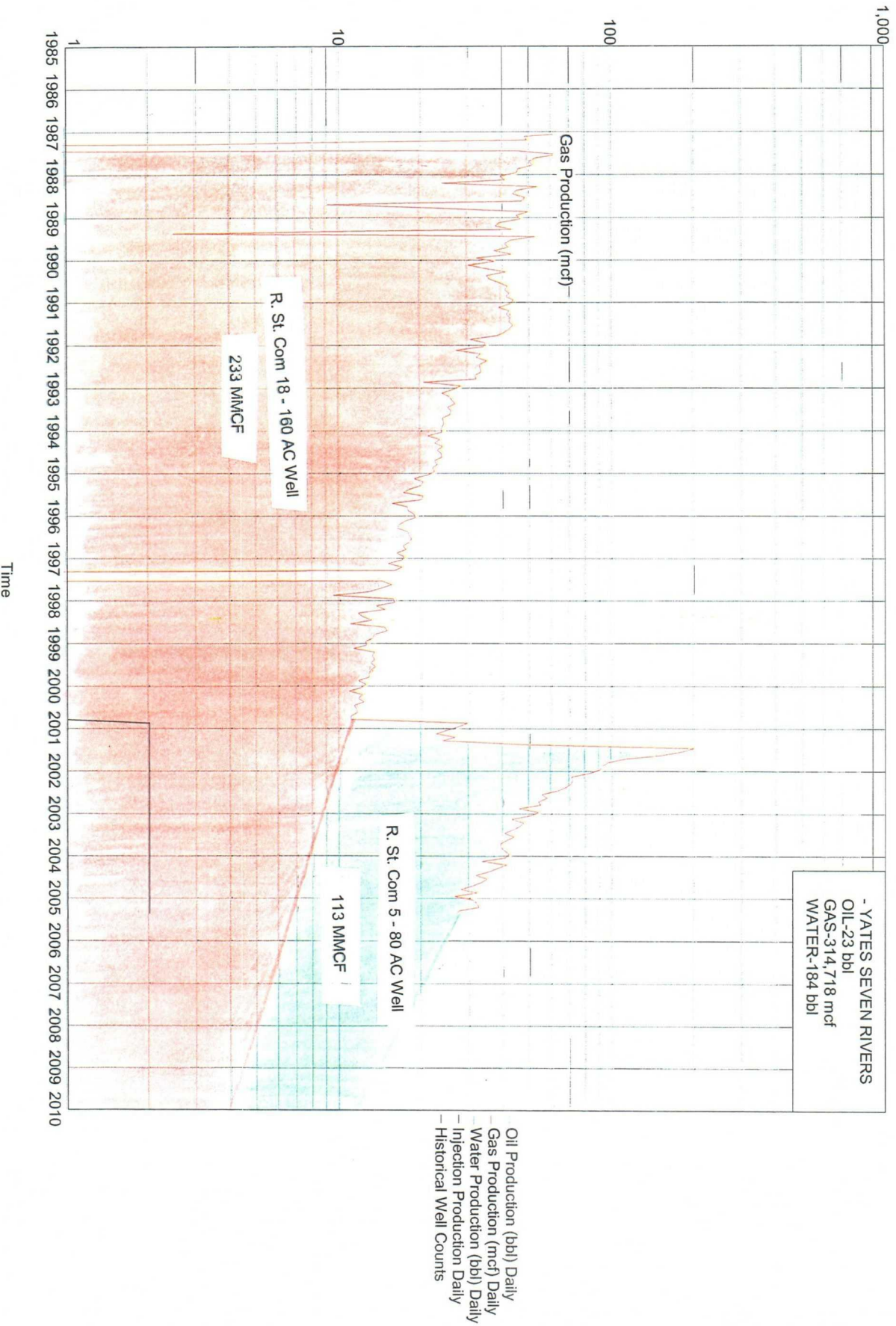
RHODES FEDERAL UNIT - RHODES- GRUY PETROLEUM MANAGEMENT COMPANY



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 13567-13572 Exhibit No. 22
Submitted by:
GRUY PETROLEUM MANAGEMENT CO.
Hearing Date: October 20, 2005

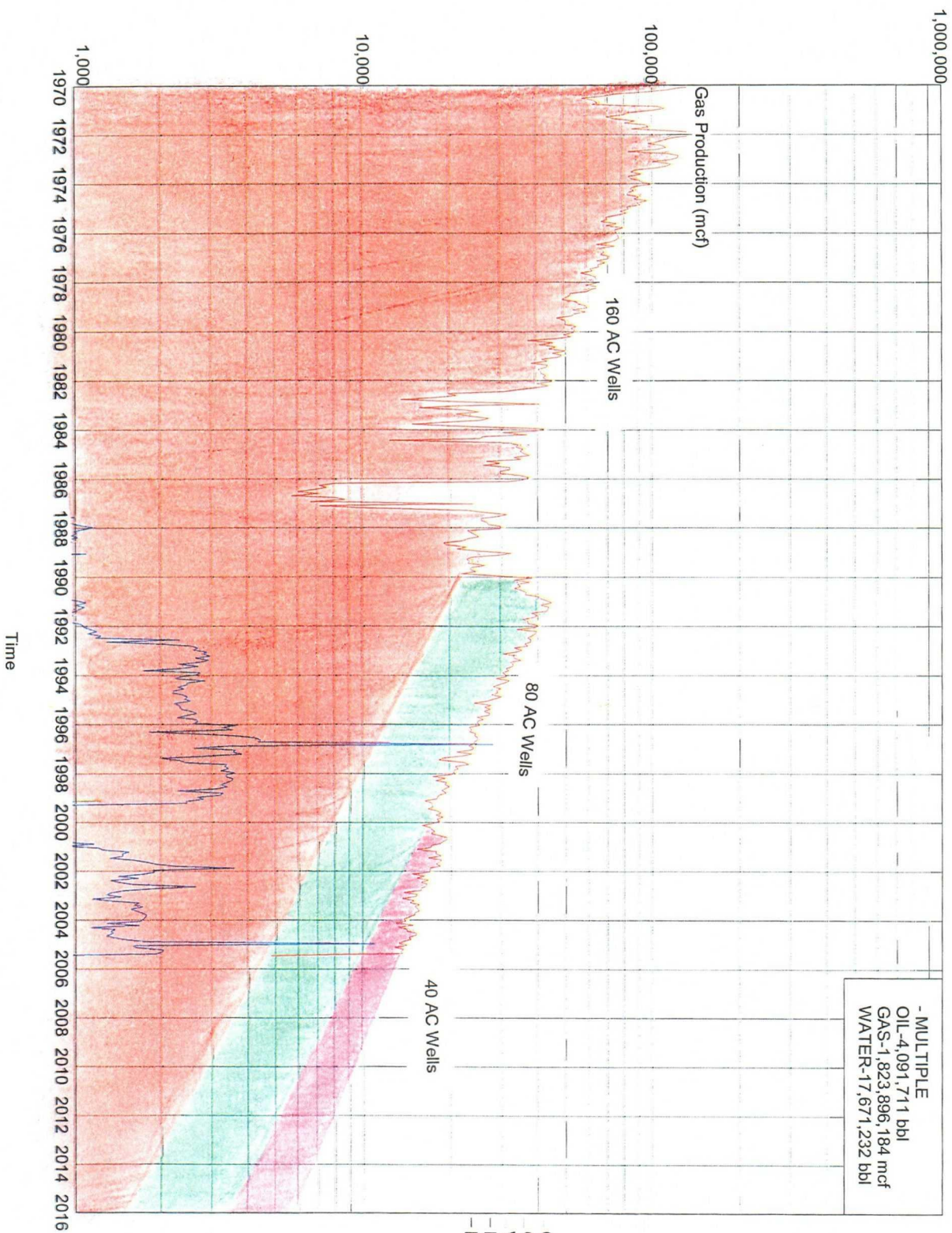
Lease Name: RHODES STATE COM
County, State: LEA, NM
Operator: GRUY PETROLEUM MANAGEMENT COMPANY
Field: RHODES
Reservoir: YATES SEVEN RIVERS
Location:

RHODES STATE COM - RHODES- GRUY PETROLEUM MANAGEMENT COMPANY



Lease Name: MULTIPLE
County, State: LEA, NM
Operator: MULTIPLE
Field: JALMAT
Reservoir: MULTIPLE
Location:

MULTIPLE - JALMAT- MULTIPLE



RFU 102 – Cagle 6

Gas in Place 160 ac. Unit	<u>2286 MMCF</u>
Ultimate Recoverable	<u>1413 MMCF</u>
Historic Cumulative	<u>416 MMCF</u>
Remaining Reserves	<u>996 MMCF</u>
Recovery Factor	<u>62 %</u>
Infill Well Target	<u>617 MMCF</u>

Date: 10/17/2005

Time: 1:30 PM

MLS Volumetrics Report

Lease Id: 2300210252453783810

Lease Name: RHODES FEDERAL UNIT

Lease Name: RHODES FEDERAL UNIT (102)

General Volumetrics:

Water Saturation:	40.00 %
Porosity:	15.00 %
Drainage Acres:	160 acres
Upper Perf:	2700.0 feet
Lower Perf:	2900.0 feet
Zone Net Pay:	115.0 feet
Zone Temperature:	130.0 F
Zone Pressure:	500 psia
Zone Depth:	2800 feet
Surface Temperature:	74.0 F

Gas Volumetrics:

Gas Gravity:	0.720
Condensate:	No
N2 Content:	0.00 %
CO2 Content:	0.00 %
H2S Content:	0.00 %
Abandonment Pressure:	200 psia
Yield:	0.0000 bbl / mcf

Volumetric Calculations:

Zi:	0.9254
Gas In Place:	2,286,035 mcf
Ultimate Gas:	1,413,529 mcf
Historic Gas:	416,921 mcf
Remaining Gas:	996,608 mcf
Oil In Place:	0 bbl
Ultimate Oil:	0 bbl
Historic Oil:	0 bbl
Remaining Oil:	0 bbl
Drainage Radius:	1,491 feet
Recovery:	61.83 %