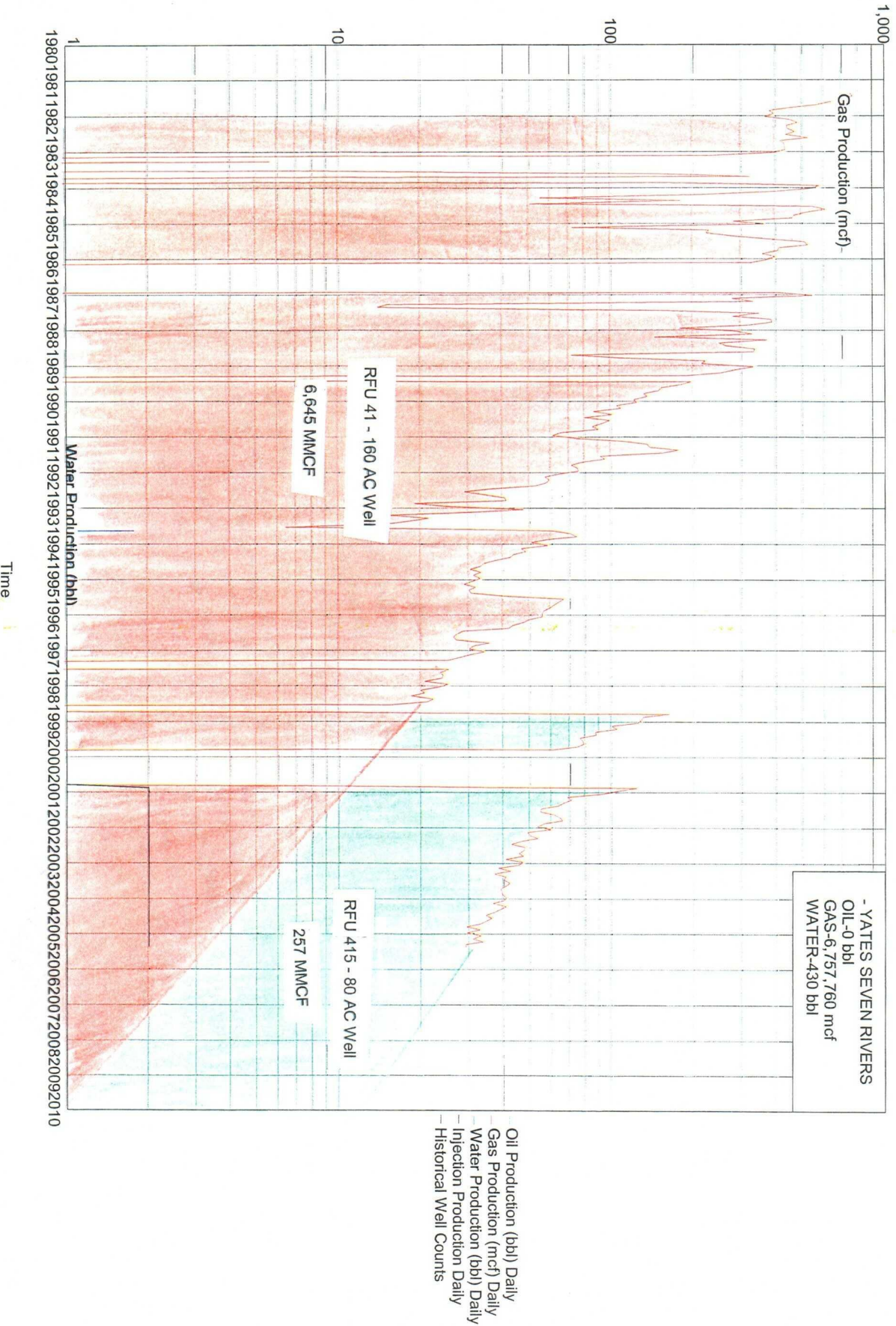


Lease Name: RHODES FEDERAL UNIT
County, State: LEA, NM
Operator: GRUY PETROLEUM MANAGEMENT COMPANY
Field: RHODES
Reservoir: YATES SEVEN RIVERS
Location:

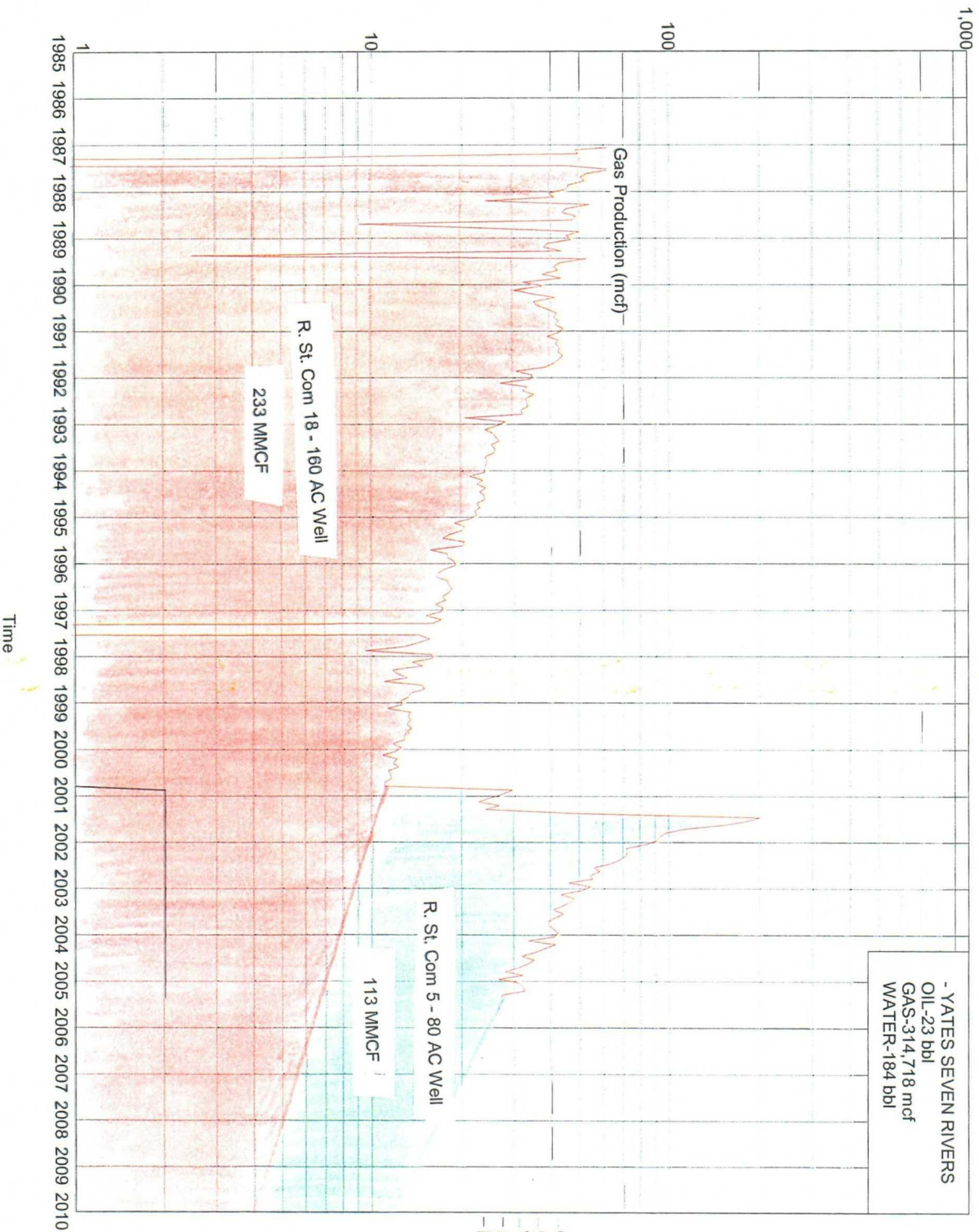
RHODES FEDERAL UNIT - RHODES- GRUY PETROLEUM MANAGEMENT COMPANY



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 13567-13572 Exhibit No. 21
Submitted by:
GRUY PETROLEUM MANAGEMENT CO.
Hearing Date: October 20, 2005

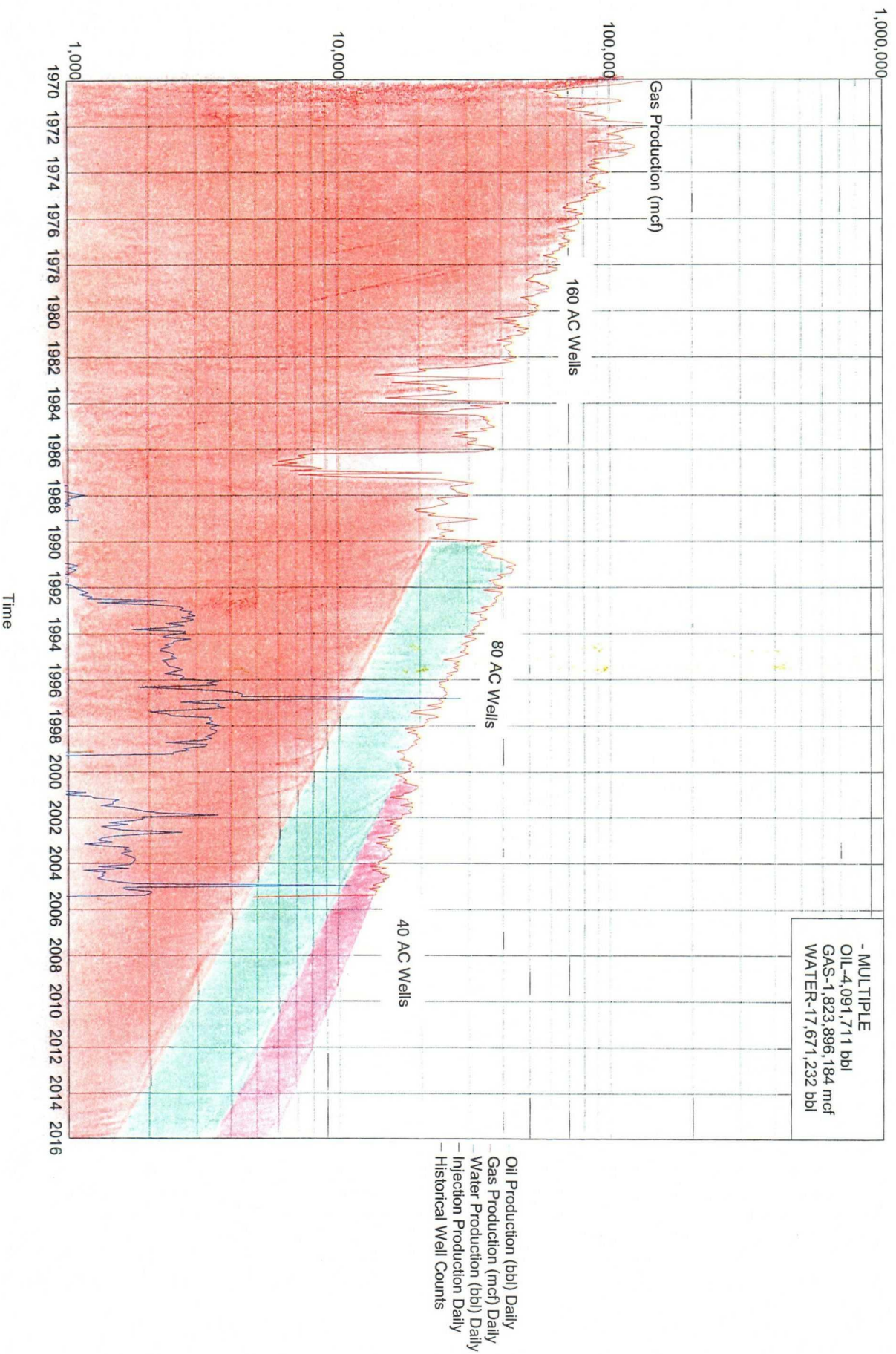
Lease Name: RHODES STATE COM
County, State: LEA, NM
Operator: GRUY PETROLEUM MANAGEMENT COMPANY
Field: RHODES
Reservoir: YATES SEVEN RIVERS
Location:

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 153 – RFU 159

Gas in Place 160 ac. Unit	<u>1978 MMCF</u>
Ultimate Recoverable	<u>1220 MMCF</u>
Historic Cumulative	<u>500 MMCF</u>
Remaining Reserves	<u>720 MMCF</u>
Recovery Factor	<u>61 %</u>
Infill Well Target	<u>439 MMCF</u>

Date: 10/17/2005

Time: 2:32 PM

MLS Volumetrics Report

Lease Id: 2300210253179783810

Lease Name: RHODES FEDERAL UNIT

Lease Name: RHODES FEDERAL UNIT (153)

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:	100.0 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:	Yes
N2 Content:	0.00 %
CO2 Content:	0.00 %
H2S Content:	0.00 %
Abandonment Pressure:	200 psia
Yield:	0.0000 bbl / mcf

Volumetric Calculations:

Zi:	0.9300
Gas In Place:	1,978,045 mcf
Ultimate Gas:	1,220,704 mcf
Historic Gas:	500,297 mcf
Remaining Gas:	720,407 mcf
Oil In Place:	0 bbl
Ultimate Oil:	0 bbl
Historic Oil:	0 bbl
Remaining Oil:	0 bbl
Drainage Radius:	1,491 feet
Recovery:	61.71 %