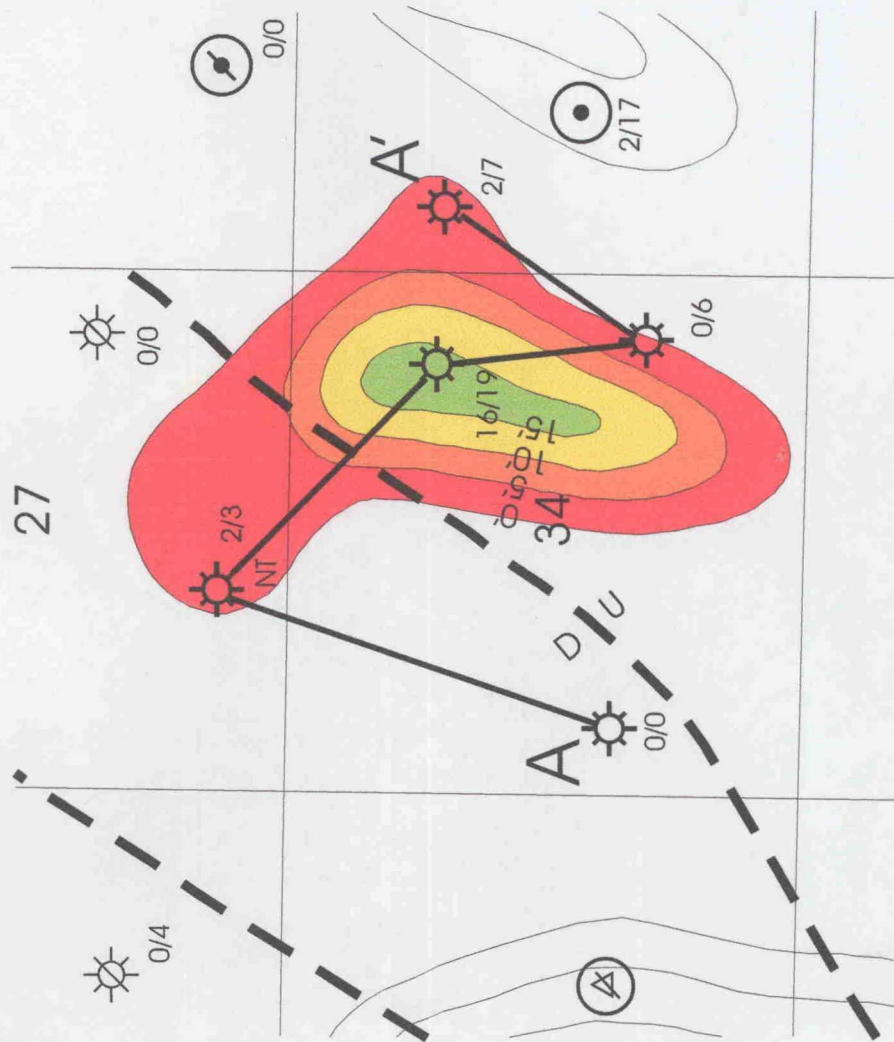


GRE Sand Volumetrics



Gas in Place:

$$\text{GIP}(\text{scf}) = \text{Ac} \times \text{ft} \times 43,560 \text{ ft}^2 / \text{Ac} \times \phi \times (1 - S_{w_c})$$

$B_g (\text{ft}^3 / \text{scf})$

Where:

Ac x ft ... planimetered

$$\phi = 9.25\%$$

$$S_{w_c} = 27.00\%$$

$$P_i = 6937 \text{ psi}$$

$$B_g = 0.002816 \text{ ft}^3 / \text{scf}$$

$$\text{GIP} = 1.983 \text{ bscf}$$

North of the Fault = 0.138 bscf

South of the Fault = 1.845 bscf

Acres South of the Fault = 262

BEFORE THE

OIL CONSERVATION COMMISSION

Case No. 12622&12908 Exhibit # **D-1**

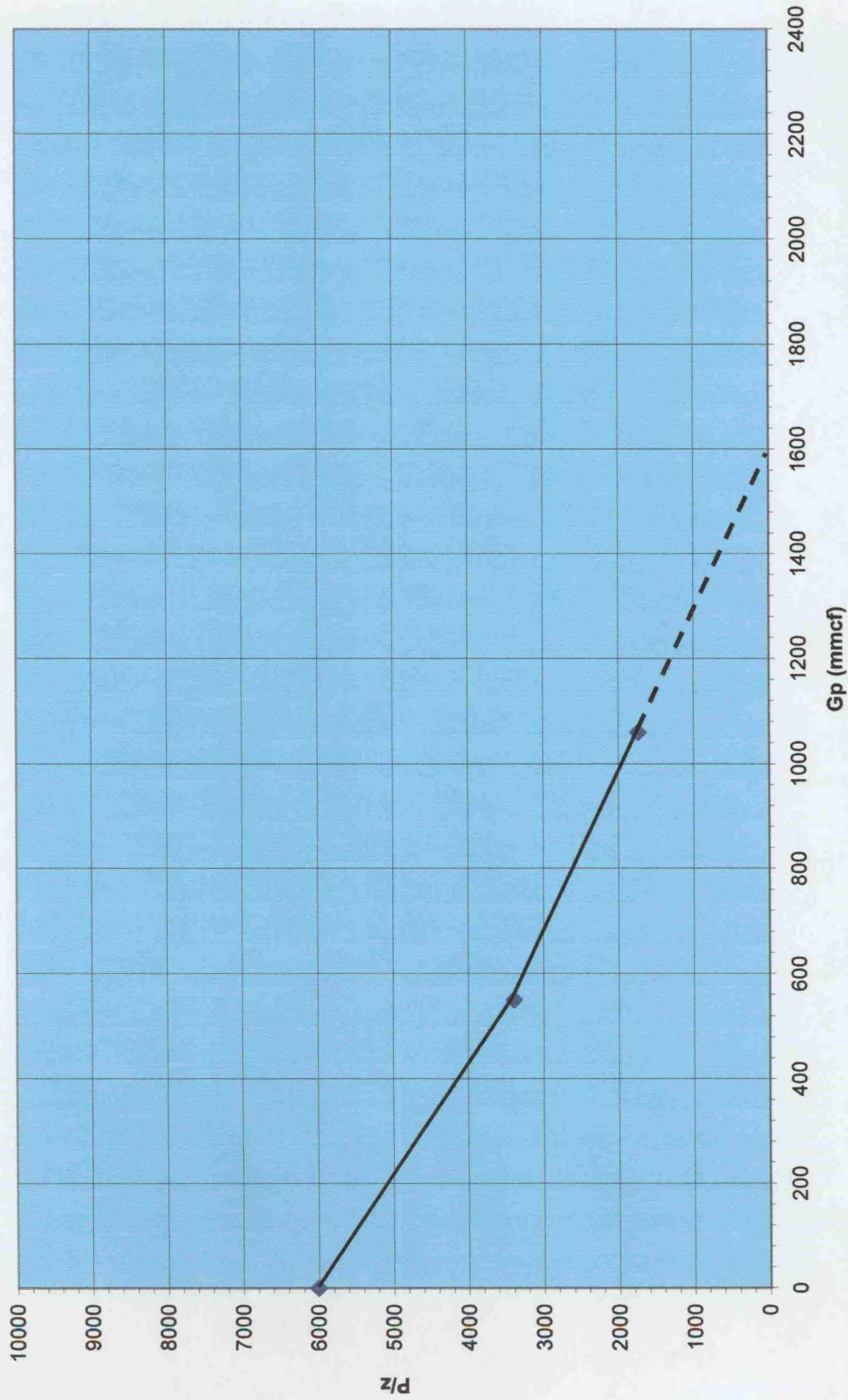
Submitted By:

Red Rock Operating

Hearing Date: Sept. 10 & 11, 2002

RECEIVED

**Gramma Ridge East 34 Well
P/z vs Gp**



BEFORE THE

OIL CONSERVATION COMMISSION

Case No. 12622 & 12908 Exhibit # **D-2**

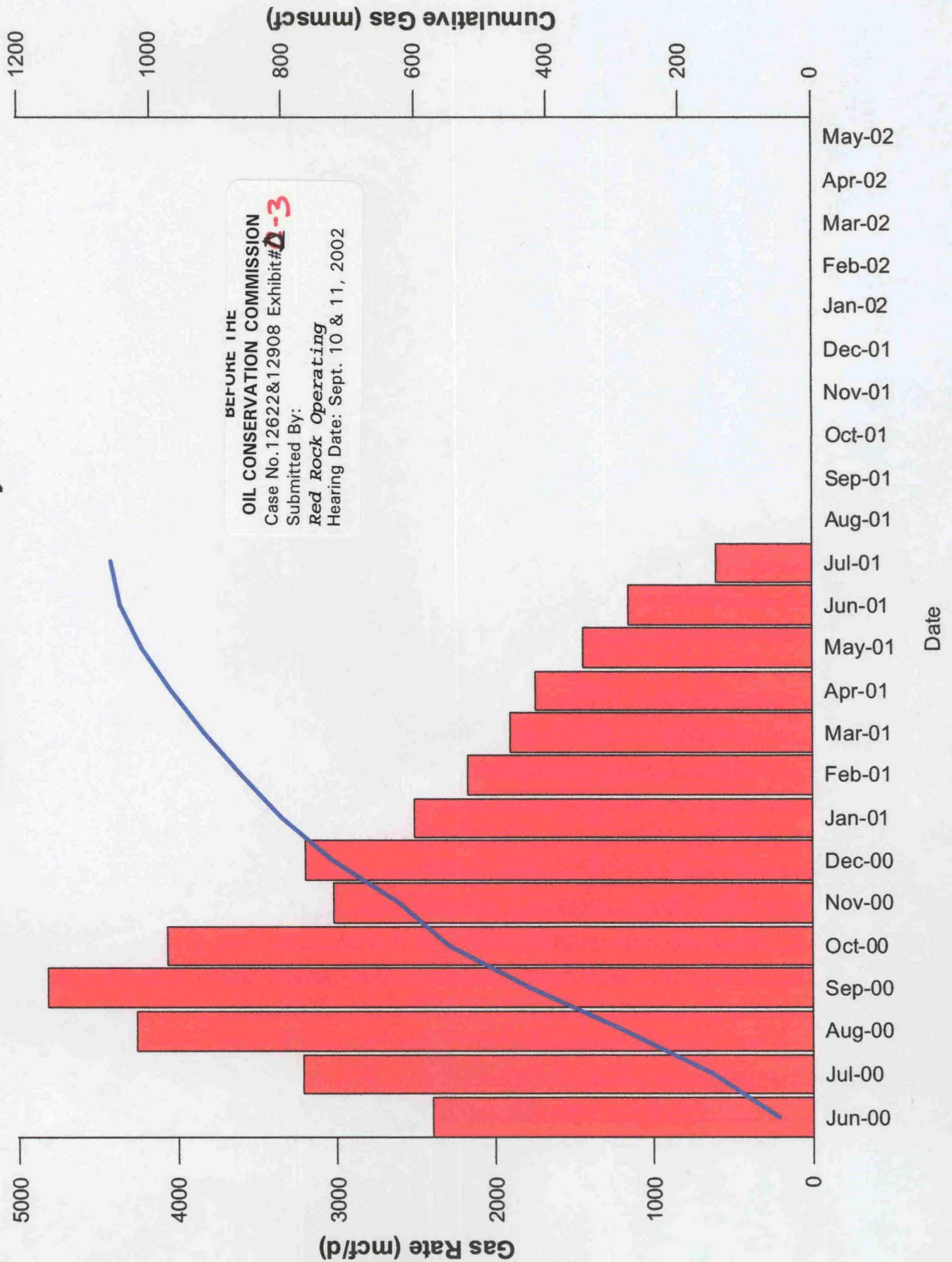
Submitted By:

Red Rock Operating

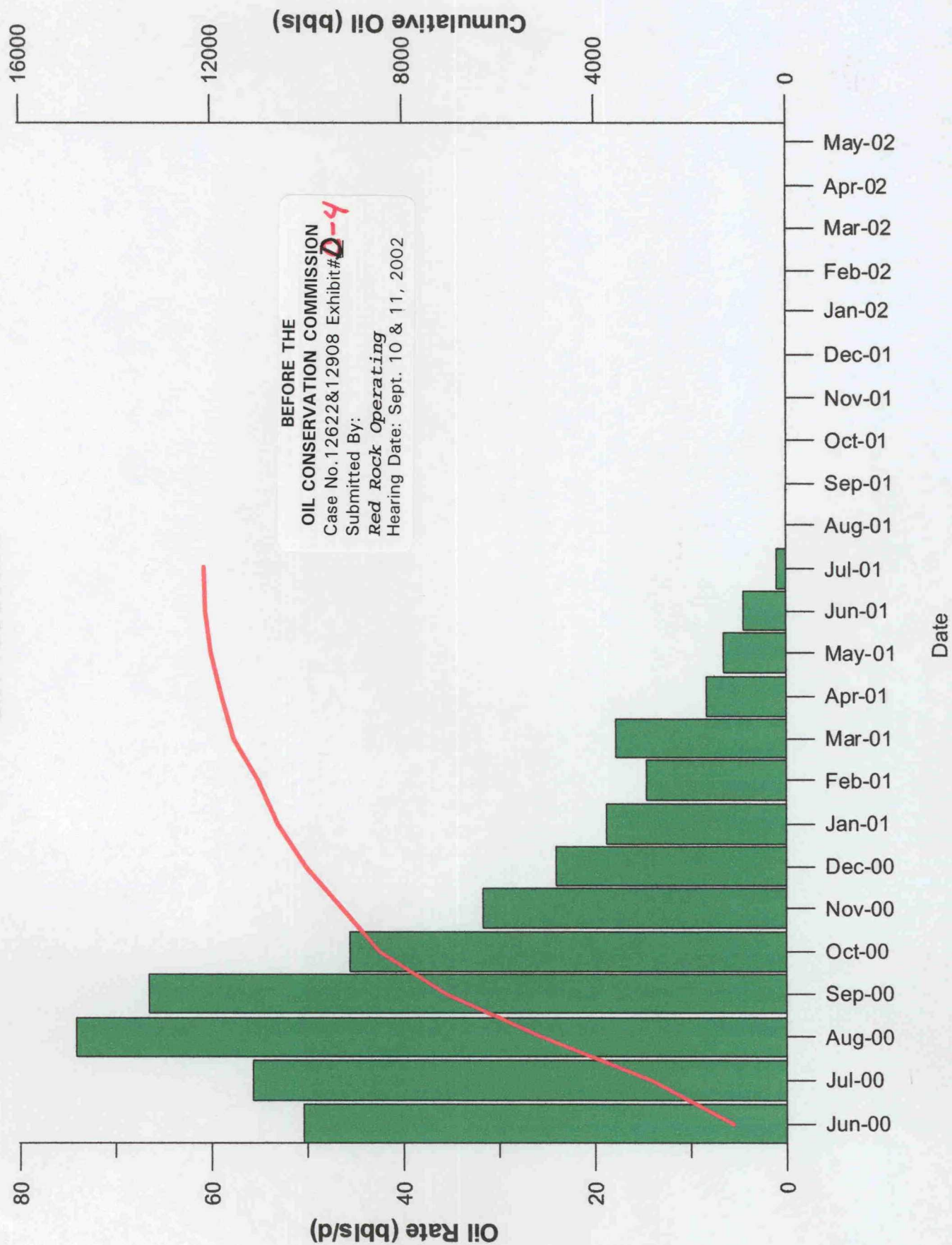
Hearing Date: Sept. 10 & 11, 2002

REPORT TITLE

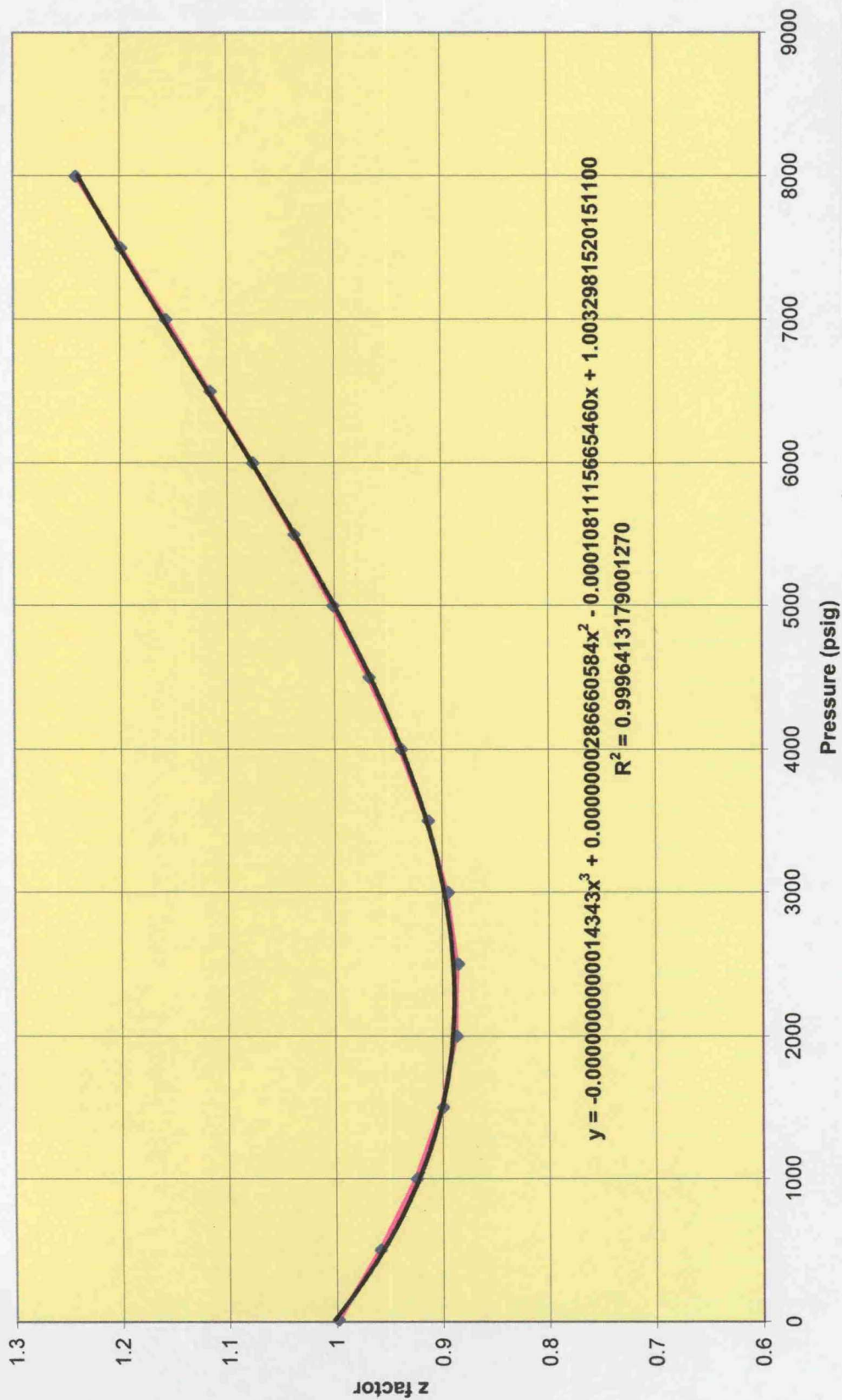
Grama Ridge East 34-1Nearburg Gas Production History



Grama Ridge East 34 Well Oil Production



Grama Ridge East 34 Well Z Calculation



BEFORE THE

OIL CONSERVATION COMMISSION

Case No. 12622&12908 Exhibit # **D-5**

Submitted By:

Red Rock Operating

Hearing Date: Sept. 10 & 11, 2002