

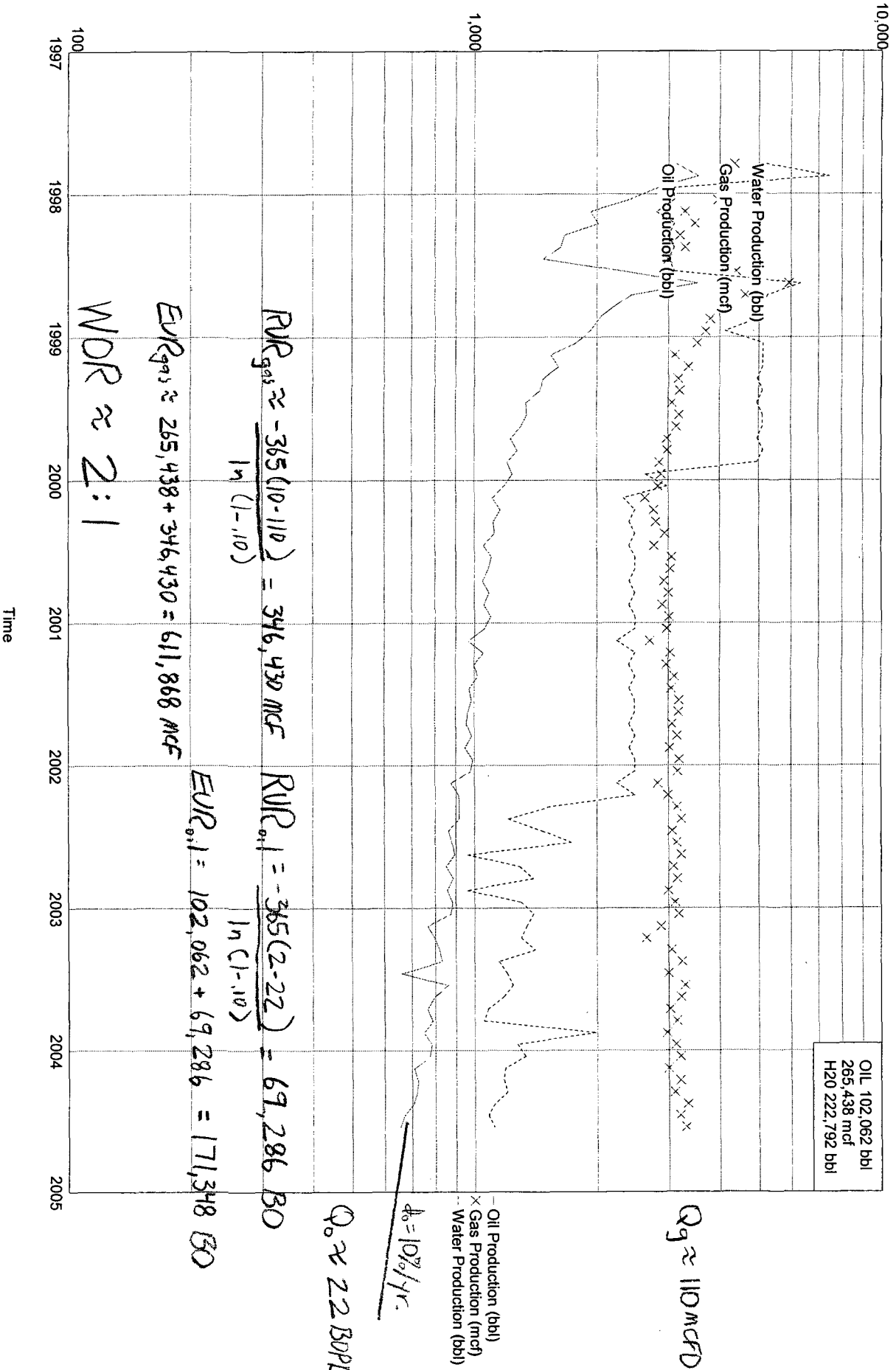
Production Rates

Lease Name: PINON FEDERAL
 County, State: EDDY, Unknown
 Operator: MACK ENERGY CORPORATION
 Field: EMPIRE EAST
 Reservoir: YESO
 Location:

Hearing Date: November 18, 2004
 BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Case Nos. 13385 & 13386 Exhibit No. 8
 Submitted by:
 Marbob Energy Corporation

PINON FEDERAL - [YESO

OIL 102,062 bbl
 265,438 mcf
 H2O 222,792 bbl



$$RUR_{gas} \approx \frac{-365(10-110)}{\ln(1-.10)} = 346,430 \text{ MCF}$$

$$EUR_{gas} \approx 265,438 + 346,430 = 611,868 \text{ MCF}$$

$$WDR \approx 2:1$$

$$RUR_{o,1} = \frac{-365(2-22)}{\ln(1-.10)} = 69,286 \text{ BO}$$

$$EUR_{o,1} = 102,062 + 69,286 = 171,348 \text{ BO}$$