

CALCULATION OF CROSS FLOW RATE

PENROSE # 1 WELL

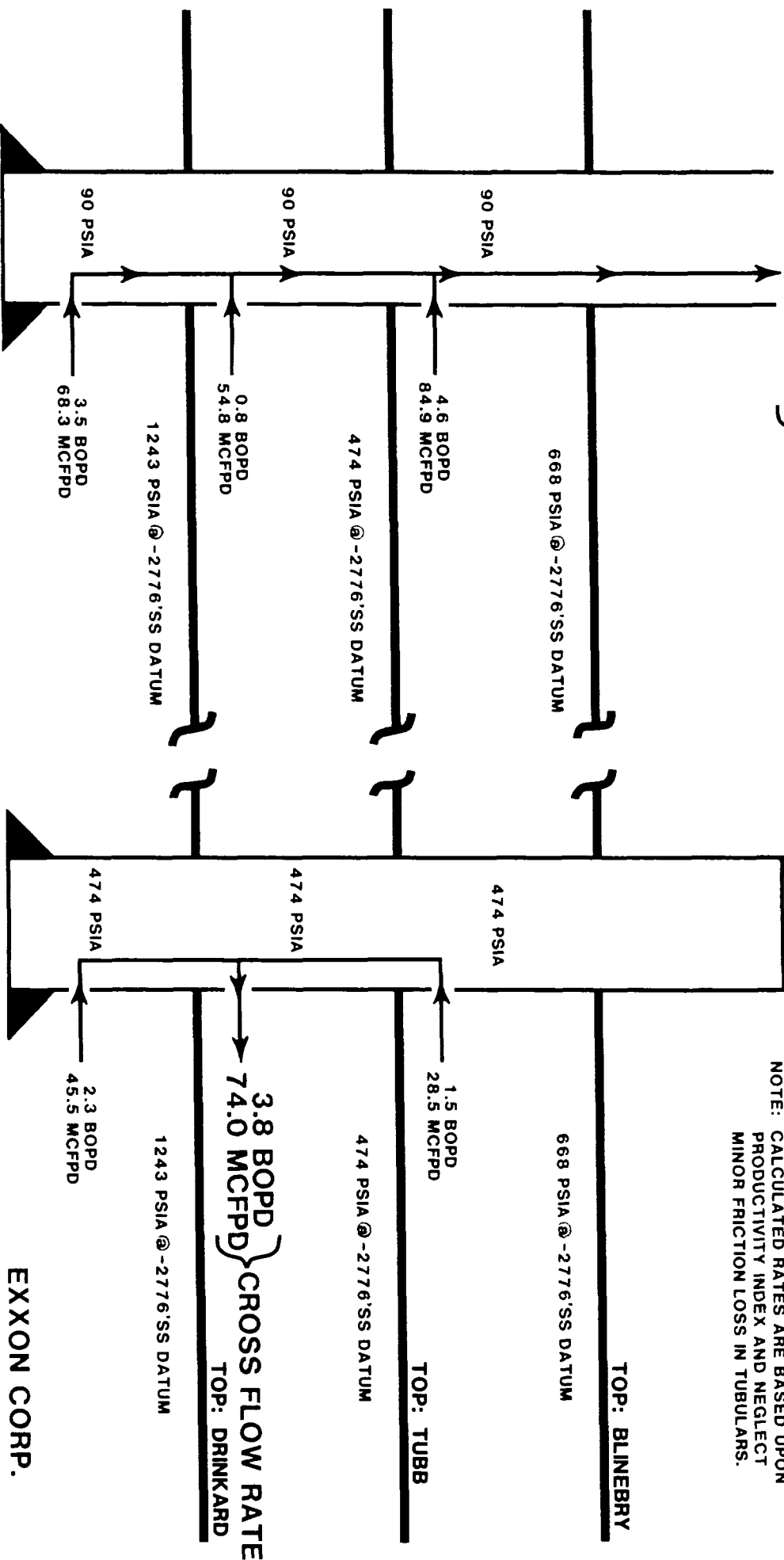
WELL PRODUCING
AND PUMPED OFF

8.9 BOPD
208.0 MCFPD

PRODUCING
RATE

WELL SHUT IN
AND CROSS FLOWING

NOTE: CALCULATED RATES ARE BASED UPON
PRODUCTIVITY INDEX AND NEGLECT
MINOR FRICTION LOSS IN TUBULARS.



$$\frac{\text{CROSS FLOW RATE}}{\text{PRODUCING RATE}} = \frac{3.8 \text{ BOPD}}{8.9 \text{ BOPD}} = 0.43 \text{ (OIL)}$$

$$\frac{74.0 \text{ MCFPD}}{208.0 \text{ MCFPD}} = 0.35 \text{ (GAS)}$$

EXXON CORP.

Exhibit No. 17

Case No. 9398 & 9399

June 8, 1988 Docket