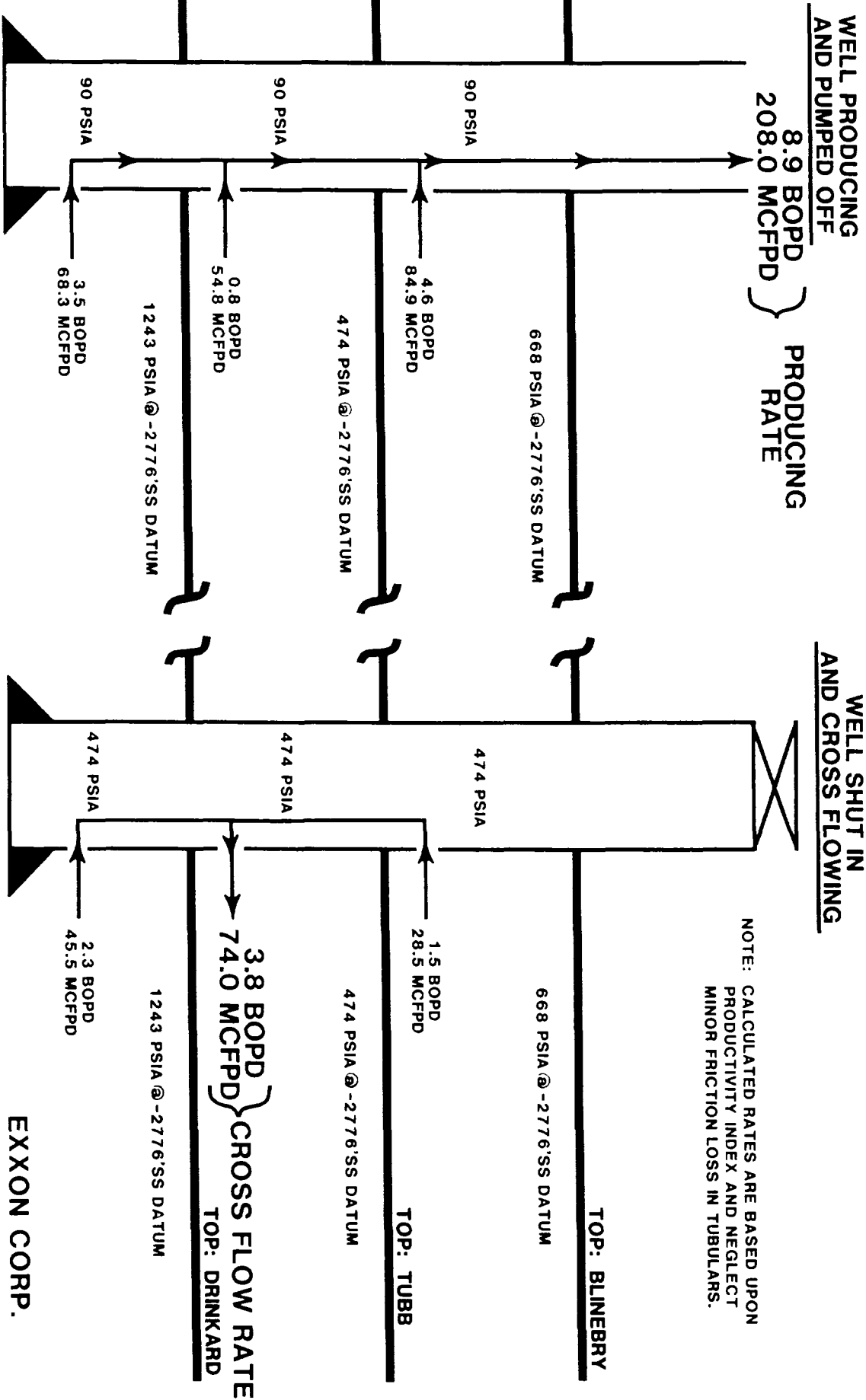


CALCULATION OF CROSS FLOW RATE

PENROSE # 1 WELL



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

CROSS FLOW RATE	=	3.8 BOPD	=	0.43 (OIL)
PRODUCING RATE	=	8.9 BOPD	=	0.35 (GAS)
		74.0 MCFPD		208.0 MCFPD

EXXON CORP.

Exhibit No. 19

Case No. 9398 & 9399

June 8, 1988 Docket