

CASE NO. 5443
EXHIBIT NO. 5

SUN OIL COMPANY
RESERVOIR, FLUID & BOTTOM HOLE PRESSURE DATA
JENNINGS - FEDERAL #1
EAST LUSK (BONE SPRING) FIELD

NET PAY 16' RESERVOIR TEMPERATURE - 145° F
AVERAGE PROSITY 6.5% BUBBLE POINT PRESSURE (EMPIRICAL) - 2000#
AVERAGE WATER SATURATION 30% FVF @ B.P. PRESSURE 1.37 RB/STB
AVERAGE PERMEABILITY TO OIL - 178 MD. (PRESSURE BUILD-UP INTERPRETATION)

<u>DATE</u>	<u>PRESSURE @ 9890', PSIG (HRS. S.I.)</u>	<u>EXTRAPOLATED*</u>
2-7-75	3886 (187.3)	3927
4-8-75	2745 (71.75)	2912
4-2-76	1957 (68)	1996

*INFINITE SHUT-IN TIME

	<u>ESTIMATED CURRENT WELL COST - \$1,000'S</u>		
	<u>CAPITAL</u>	<u>INTANGIBLE</u>	<u>TOTAL</u>
DRY HOLE	52	198	250
SUCCESSFUL COMPLETION	133	216	349

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
SUN EXHIBIT NO. 5
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