

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 2, 1962

Operator El Paso Natural Gas Company		Lease Hancock No. 8	
Location 800'N, 820'W, Sec. 23, T-28N, R-9W		County San Juan	State New Mexico
Formation Pictured Cliff		Pool So. Blanco	
Casing Diameter 2.875	Set At Feet 2580	Tubing Diameter No Tubing	Set At Feet ----
Flow Line Flow 2438	To 2486	Total Depth 2590	Shut-In 7-23-62
Production Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant, C 12.365	Tubingless Completion	
Shut-In Pressure, Casing, PSIG 745	PSIG - 12 PSIA 757	Shut-In Pressure, Tubing, PSIG No Tubing	PSIG - 12 PSIA ----
Flowing Pressure, P, PSIG 203	PSIG - 12 PSIA 215	Working Pressure, Pw, PSIG Calc.	PSIG - 12 PSIA 262
Temperature 66	" .9943	E _{pv} From Tables 1.018	Gravity .9721
	.85		

$$Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$$

$$Q = 12.365 \times 215 \times .9943 \times .9721 \times 1.018$$

2,616

MCF D

$$Q = \left(\frac{P_1^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$$

$$Adj = \left(\frac{573,049}{504,405} \right)^n$$

$$(1.1360)^{.85} (2.616) = (1.1144)(2.616)$$

NOTE: Light spray of water and distillate throughout test.

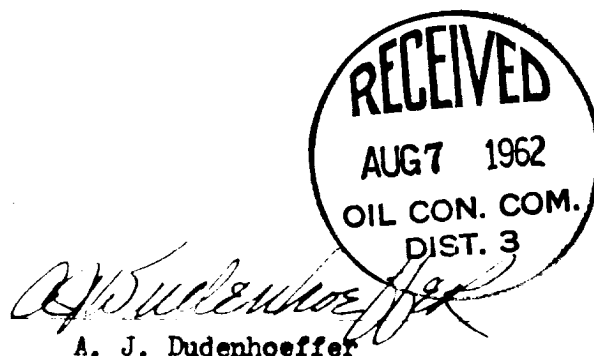
Adj 2915

MCF D

Dannie R. Roberts

Checked By:

Herman E. McAnally



A. J. Dudenhofer