

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 8, 1956

Operator El Paso Natural Gas Company		Lease San Juan Unit 32-9 #41	
Location 800N, 930E, Sec. 31-32-9		County San Juan	State New Mexico
Mesa Verde		Pool Blanco	
Casing Diameter 5 1/2	Set At Feet 6133	Tubing Diameter 2"	Set At Feet 6073
Flow From 6006	6086	Total Depth 6134	c/o 6105
Flow Through Casing Sand water frac		Flow Through Tubing x	

Flow Constant C .750	PSIG 1014	PSIA 1026	Days Shut-In 10	Shut-In Pressure: Tubing 1019	PSIG 1031
Flow Constant C 14.1605	PSIG 333	PSIA 345		Working Pressure: Pw 848	PSIG 860
Temperature T 83				Flow From Tables 1.032	Gravity .670

$Q = 14.1605 \times \left(\frac{P_w - P_{sh}}{P_w - P_{fr}} \right)^n \times F_g \times F_v$

$$= 14.1605 \times 345 \times .9786 \times .9463 \times 1.032$$

4669

MCF/D

$$Q = 14.1605 \times \left(\frac{P_w - P_{sh}}{P_w - P_{fr}} \right)^n$$

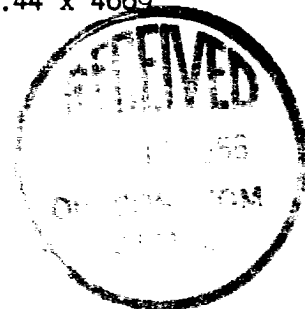
$$= 14.1605 \times \left(\frac{1062961}{323361} \right)^n$$

$$(3.287)^{.75} \times 4669 = 2.44 \times 4669$$

11,392

MCF/D

K. C. Mc Bride



L. D. Galloway
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