

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 14, 1956

Operator El Paso Natural Gas Company		Well Huerfano Unit #55	
Location 1750N, 990E, Sec. 27-26-9		County San Juan	State New Mexico
Formation Pictured Cliff		Pay Wildcat	
Casing Diameter 5 1/2	Set At Feet 2060	Tubing Diameter 1 1/4	Set At Feet 2013
Pay Zone Depth 2004	To 2017	Total Depth 2060; c/o 2025	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, inches 0.75	Choke Constant 14.1605	Shut-In Pressure, Casing 602	PSIG	12	PSIA	Days Shut-In 9	Shut-In Pressure, Tubing 602	PSIG	12	PSIA
Flowing Pressure, Casing 31	PSIG	12	PSIA	614			Flowing Pressure, Tubing 40	PSIG	12	PSIA
Temperature, Casing 46°				43			Pay (From Tables) 0.85			Gravit. 0.665 (Est.)

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times E_1 \times E_2 \times E_p$

$$Q = 14.1605 \times 43 \times 1.0137 \times .9498 \times 1.005$$

589

MCF/D

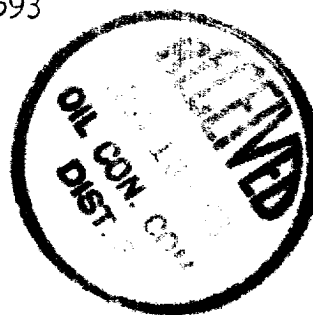
OPEN FLOW $Q = \left(\frac{P_1^2 - P_2^2}{L} \right)^{1/n}$

$$Q = \left(\frac{376,996 - 374,292}{1.0072} \right)^{1/.85} = 1.0061 \times 589 = 593$$

Act 593

MCF/D

D. C. Adams



L. D. Galloway

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