

OPEN FLOW TEST DATA

DATE October 26, 1956

Operator El Paso Natural Gas Company		Lease Phillips #1	
Location 890S, 800W, Sec. 32-28-8		County San Juan	State New Mexico
Tract Mesa Verde		Post Blanco	
Test Interval 5 1/2	Set At Feet 5087	Tubing Diameter 2"	Set At Feet 5009
Pressure 4860	4978	Total Depth 5092	c/o 5050
Flow Through Casing		Flow Through Tubing	
Sand water frac.		X	

Pressure .750	14.1605	Days Shut-in 10	Surface Pressure Tubing 1037	PSIG 1049
Pressure 1035	1047		Working Pressure Tubing 891	PSIG 903
Pressure 407	419		Flow From Tubing 1.040	Gravity .650 (Est.)
Temperature 66	.75			

CHOKE VOLUME $Q = C \times R \times E \times F_0 \times F_{av}$

$$Q = 14.1605 \times 419 \times .9943 \times .9608 \times 1.040$$

5895 MCF/D

$$Q = \left(\frac{14.1605 \times 419}{2.303} \right)^n$$

$$\left(\frac{1,100,401}{284,992} \right)^n$$

$$(3.861) \times 5895 = 2.755 \times 5895$$

16,241 MCF/D

K. C. Mc Bride



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