

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 2, 1956

Operator El Paso Natural Gas Company	Lease Storey # 3-B
Location 1710'S, 800'W, Sec. 5-30-11	County San Juan
Section Mesa Verde	State New Mexico
Well Name Blanco Mesa Verde	
Drilling Diameter 7	Set At Feet 4417
Flow Line From 4480	Tubing Diameter 2"
Stratigraphic Measure Sand Water Frac.	Set At Feet 4569
	Total Depth 4678 - c/o - 4600'
	Flow Through Casing X

Well Size, Inches 0.750	Hydro Constant C 14.1605	Shut-in July 26, 1956
Water Pressure, Casing, PSIG 1077	PSIG - 12 - PSIA 1089	Days Shut-in 7
Flowing Pressure, PSIG 263	PSIG - 12 - PSIA 275	Shut-in Pressure, Tubing, PSIG 1075
Temperature, F 77	Flowing Pressure, Pw, PSIG 567	PSIG - 12 - PSIA 579
	Spv (From Tables) 1.026	Gravity 0.670

WATER VOLUME $Q = C \times \sqrt{P_1 - P_2} \times F_1 \times F_2 \times F_3$

$$= 14.1605 \times 275 \times .9840 \times .9463 \times 1.026$$

3720

MCF/D

OPEN FLOW $Q = \left(\frac{P_1 - P_2}{\mu \times L} \right)^n$

$$= \left(\frac{1,185,921}{850,680} \right)^n \times 1.3940^{.75} \times 3720 = 1.2826 \times 3720$$

Act 4,771

MCF/D

Tom Grant



L. D. Galloway
L. D. Galloway

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