

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 23, 1956

Company El Paso Natural Gas Company	Lease San Juan 28-5 Unit # 14
Location 1650'N, 990'E, Sec. 20-28-5	County Rio Arriba State New Mexico
Field Mesa Verde	Point Blanco
Stratigraphic Interval 5762	Tubing Diameter 2" Set At Feet 5929
Perforation Interval 5762	Total Depth 5952
Completion Method Sand Water Frac	Flow Through Casing X Flow Through Tubing X

Well Size, in. dia. 3/4	Choke Constant, C 14.1605
Shut-in Pressure, Casing, PSIG 1031	Shut-in Pressure, Tubing, PSIG 1043
Flowing Pressure, P, PSIG 299	Working Pressure, Pw, PSIG 703
Temperature, T, F 80	Gravity 0.670 est.
Days Shut-in 14	Flow From Tables 1.028
Pressure, PSIA 1043	Pressure, PSIA 715
Pressure, PSIA 311	
Pressure, PSIA 0.75	

CHOKE VOLUME $Q = C \times P \times F \times F_g \times F_{ov}$

$$Q = 14.1605 \times 311 \times .9813 \times .9463 \times 1.028$$

4204

MCF/D

$$Q = \left(\frac{P - P_w}{P - P_{wf}} \right)^n$$

$$Q = \left(\frac{1,087,849}{576,624} \right)^{1.8866 \cdot 75} Q = 1.609$$

Acft 6764

MCF/D

D. C. Adams

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