

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 1, 1956

Operator El Paso Natural Gas Company	Well Name Schwerdtfeger #7-A
Location 680S, 852E, Sec. 31-28-8	County San Juan State New Mexico
Formation Pictured Cliffs	Well Type Wildcat
Casing Diameter 5 1/2 Set At Feet 3000	Tubing Diameter 2" Set At Feet 2966
Flow Rate 2958	Total Depth 3010; c/o 2990
Stimulation Sand Water Frac	Flow Through Tubing X

Choke Size, Inches .750	Choke Constant 14.1605
Shut-in Pressure, PSIG 824	Shut-in Pressure, PSIA 836
Flowing Pressure, PSIG 89	Flowing Pressure, PSIA 101
Temperature 46	Gravity .85
	Flow Rate 1.008

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

$$14.1605 \times 101 \times 1.0137 \times .9682 \times 1.008$$

1415

MCF/D

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

$$\left(\frac{698,896}{641,296} \right)^{.85} (1.0398) \times 1415 = 1.0757 \times 1415$$

Act 1522

MCF/D

K. C. Mc Bride



L. D. Galloway

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