

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 19, 1962

Operator El Paso Natural Gas Company	Lease Grambling No. 6-C
Location 1650'N, 1750'W, Sec. 11-30-10	County San Juan State New Mexico
Formation Pictured Cliffs	Pool Aztec
Casing Diameter 2.875 Set At Feet 3235	Tubing Diameter No Tubing Set At Feet ----
Perforation From 3090 To 3134	Total Depth 3237 Set In 9-10-62
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing ----

Choke Size, inches .75	Choke Constant, C 12.365	Tubingless Completion
Shut-In Pressure, Casing, PSIA 993	Days Shut-In 9	Shut-In Pressure, Tubing, PSIA No Tubing ----
Flowing Pressure, P, PSIA 256		Working Pressure, Pw, PSIA (Calc.)
Temperature 66 F		Eqv. From Tables 1.025
	.9943	Gravity .650 Eq .9608

$$Q = C \times R_1 \times F_1 \times F_2 \times F_3$$

$$C = (12.365)(268)(.9943)(.9608)(1.025)$$

3245

MCF/D

$$Q = A \left(\frac{P_1^2}{P_2^2} \right)^n$$

$$A = \left(\frac{1,010,025}{893,744} \right)^n (3245)(1.1301)^{.85} = (3245)(1.1096)$$

Act 3601

MCF/D

Tom P. Grant

Calculated by W. D. Dawson

Checked by Tom P. Grant

Lewis D. Galloway
Lewis D. Galloway

