

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 17, 1959

Operator El Paso Natural Gas		Lease Fee No. 23-1-C	
Location 1550N, 1090E; 23-25-2		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Well Gavilan	
Casing Diameter 5-1/2	Set At Feet 3619	Tubing Diameter 1-1/4	Set At Feet 3490
Flow Through Casing 3484	Flow Through Tubing 3544	Total Depth c/o 3562	Shut In 12/8/59
Flow Through Well Sand Water Frac.		Flow Through Casing X	

Pressure (PSIA) .75	Pressure (PSIA) 12.365	Pressure (PSIA) 849	Pressure (PSIA) 849
Pressure (PSIA) 847	Pressure (PSIA) 859	Pressure (PSIA) 9	Pressure (PSIA) 849
Pressure (PSIA) 165	Pressure (PSIA) 177	Pressure (PSIA) 182	Pressure (PSIA) 182
Pressure (PSIA) 54	Pressure (PSIA) 1.0058	Pressure (PSIA) .85	Pressure (PSIA) 1.019
Pressure (PSIA) 54	Pressure (PSIA) 1.0058	Pressure (PSIA) .85	Pressure (PSIA) 1.019
Pressure (PSIA) 54	Pressure (PSIA) 1.0058	Pressure (PSIA) .85	Pressure (PSIA) 1.019

Flow Through Casing = $P_1 \times F_1 \times F_g \times F_v$

$$12.365 \times 177 \times 1.0058 \times .9463 \times 1.019$$

2123

MCF/D

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

$$Q = \left(\frac{741321 - 703685}{741321} \right)^n$$

$$1.0534^{.85} \times 2123 = 1.0452 \times 2123$$

2219

MCF/D

Frank M. Clark

Checked By T. B. Grant

Lewis D. Galloway
L. D. Galloway

