

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 11, 1962

Owner J. Glenn Turner		Lease Hare No. 1-14	
Location SW 14-29-10		County San Juan	State New Mexico
Nearest Dakota		Basin	
Well Diameter 4.500	Set At Feet 6800	Tubing Diameter 2.375	Set At Feet 6528
Flow Line Size 6474	To 6596	Total Depth 6756	Shut In 8-31-62
Flow Line Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Pressure Constant .750	12.365		
Pressure (PSIG)	PSIA	Days Shut In	Ground Pressure (Tubing)
2100	2112	11	2094
Pressure (PSIG)	PSIA		Working Pressure (Flow)
235	247		618
Pressure (PSIG)			Flow Line Pressure
81	.9804	.750	1.021
			.650
			.9608

Flow Line Pressure = $C \times P_1 \times F_1 \times F_2 \times F_3$

$$= (12.365)(247)(.9804)(.9608)(1.021)$$

2937

MCF/D

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

ILLEGIBLE

$$Q = A \left(\frac{4,460,544}{4,063,644} \right)^n$$

$$(1.0976)^{.75} (2937) = (1.072)(2937)$$

Act 3149

MCF/D

Checked by Jesse B. Goodwin

Checked by Oliver Towell

Checked by Tom B. Grant

Lewis D. Galloway
Lewis D. Galloway

