

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE August 2, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 4-H	
Location 990N, 990E, 6-24-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Perforations Pictured Cliffs	
Casing Diameter 5-1/2	Set At: Feet 2962	Tubing Diameter 1-1/4	Set At: Feet 2912
Pay Zone: From 2850	To 2906	Total Depth: 2920	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750	Choke Constant: C 12.265	Days Shut-In 15	Shut-In Pressure, Tubing 875	PSIG 12	PSIA 887
Shut-In Pressure, Casing 875	PSIG 12	PSIA 887	Working Pressure: Pw 59	PSIG 12	PSIA 71
Flowing Pressure: P 37	PSIG 49	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59
Temperature: T 64	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59	Flowing Pressure: Pw 59
	.85	1.004	.705		

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_{pv}$

$$Q = 12.265 \times 49 \times .9962 \times .9225 \times 1.004$$

559

MCF/D

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_1^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{786,769}{781,728} \right)^n \quad 1.0064^{.85} \times 559 = 1.0054 \times 559$$

Aof 562 MCF/DTESTED BY K. C. McBrideWITNESSED BY Virgil Stoabs (BMG)

L. D. Galloway
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OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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