

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE April 19, 1957

Owner El Paso Natural Gas Company		Lease San Juan 28-7 Unit # 70	
Location 890'S, 2250'W, Sec. 33-28-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Post Blanco	
Gas Inlet Diameter 7 5/8	Set At Feet 3327	Tubing Diameter 2"	Set At Feet 5552
Flow Zone Feet 4882	To 5562	Total Depth 5680 - c/o - 5575	
Stimulation Method Sand Water Frac		Flow Through casing	Flow Through Tubing X

Surface Pressure .750		Choke 12.365		5 1/2" liner 3267 to 5673	
Shut-in Pressure 1070	PSIG 1082	Shut-in Pressure 11	PSIG 1067	PSIA 1079	PSIA 1079
Flowing Pressure 354	PSIG 366	Flowing Pressure 811	PSIG 811	PSIA 823	PSIA 823
Temperature 64	Flow .75	Flow 1.046	Flow 1.046	Gravity .715	Gravity .715

CHOKE VOLUME

$$12.365 \times 366 \times .9962 \times .9161 \times 1.046$$

4320

MCF/D

OPEN FLOW

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

$$\left(\frac{1,170,724}{493,395} \right)^n$$

$$(2.3727)^{.75} \times 4320 = 1.913 \times 4320$$

Act

8264

MCF/D

WITNESSED BY K. C. McBride

WITNESSED BY



L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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