

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **October 21, 1958**

Operator El Paso Natural Gas		Lease Jicarilla 14-G	
Location 1565N, 1720W; 13-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At: Feet 3995	Tubing Diameter 1-1/4	Set At: Feet 3896
Perforation Zone: From 3861	To 3911	Total Depth c/o 3927	Shut in 10/11/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Stroke Constant: C 12.365		
Shut-in Pressure, Casing, PSIG 1038	PSIA 1050	Days Shut-in 10	Shut-in Pressure, Tubing, PSIG 1038
Flowing Pressure: P _w , PSIG 5.2" water thru 2"	PSIA 1050		Working Pressure: P _w , PSIG 62
Temperature: T, F 56			Gravity 74
	.85	Eps (From Tables)	

CHOKED VOLUME: $Q = C \times P_r \times F \times F_g \times F_{ov}$ 2 **5.2 inches water through 2" nipple**

268

MCF/D

$$Q = \left(\frac{P_r^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$$

$$\left(\frac{1102500}{1097024} \right)^n$$

$$1.0049^{.85} (268) = 1.0042 (268)$$

Act **269** MCF/D

M. W. Rischard

Virgil Stoabs



Lewis D. Galloway
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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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