

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **September 10, 1959**

Operator W. Glenn Turner		Lease Turner-State No. 15-32	
Location 890N, 1850W; 32-27-9		County San Juan State New Mexico	
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5-1/2	Set At: Feet 2359	Tubing Diameter 1	Set At: Feet 2288
Pay Zone From 2286	To 2324	Total Depth 2363 PB 2327	Shut in: 8/6/59
Stimulation Method Sand Water Frac.		Flow Through: Casing X	

Choke Size, Inches .75	Choke Constant: C 12.365	Shut-In Pressure, Tubing 547	PSIG	12	PSIA	559
Shut-In Pressure, Casing 547	PSIG	12	PSIA	559	Days Shut-In 35	
Flowing Pressure, P 16	PSIG	12	PSIA	28	Working Pressure 18	PSIG
Temperature, T 59	F				Fpv (From Tables) 1.004	Gravity .650

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

$$Q = 12.365 \times 28 \times 1.0010 \times .9608 \times 1.004 = 334 \text{ MCF/D}$$

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

$$Aof = \left(\frac{312481}{311581} \right)^n \quad 1.0028^{.85} \times 334 = 1.0023 \times 334$$

$$Aof = 335 \text{ MCF/D}$$

TESTED BY **Tom Grant**WITNESSED BY **Virgil Stoabs (B.M.G.)**

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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