

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 24, 1957

Operator El Paso Natural Gas		Lease Jicarilla No. 11-J	
Location 1650'N, 1190'E, Sec. 18-26-5		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 3299	Tubing: Diameter 1-1/4	Set At: Feet 3257
Pay Zone: From 3177	To 3251	Total Depth: 3300 - c/o 3263	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant: C 12.365		
Shut-In Pressure, Casing, PSIG 1043	12 = PSIA 1055	Days Shut-In 11	Shut-In Pressure, Tubing PSIG 1045
Flowing Pressure: P PSIG 202	12 = PSIA 214		Working Pressure: P _w PSIG 214
Temperature: T °F 58	n 0.850	Fpv (From Tables) 1.027	Gravity .710

CHOKE VOLUME = $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

$$Q = 12.365 \times 214 \times 1.0019 \times .9193 \times 1.027 = \underline{2503} \text{ MCF/D}$$

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

$$Aof = \left(\frac{1,117,249}{1,066,173} \right)^n = 1.0479^{.85} \times 2503 = 1.0406 \times 2503$$

Aof 2605 MCF/D

TESTED BY Richard Proctor

WITNESSED BY Virgil Stoabs (J. Glenn Turner)

L. D. Galloway
L. D. Galloway

By: JBG



OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION

	NO. FURNISHED	
Operator		
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓