

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 24, 1957

Operator El Paso Natural Gas Company		Lease Rincon # 73	
Location 1800'N, 900'E, Sec. 33-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing: Diameter 5½	Set At: Feet 3252	Tubing: Diameter 1¼	Set At: Feet 3185
Per Zone: From 3150	To 3200	Total Depth: 3252 - c/o - 3210	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750		Choke Constant, C 14.1605	
Shut-In Pressure, Casing 817	PSIG - 12 - PSIA 829	Days Shut-In 7	Shut-In Pressure, Tubing 817
Flowing Pressure, P 432	PSIG - 12 - PSIA 444		Working Pressure: Pw 440
Temperature, T 61	F - 12 - F 0.850	Fpv (From Tables) 1.046	Gravity .655

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

$$Q = 14.1605 \times 444 \times .999 \times .9571 \times 1.046$$

6288

MCF/D

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

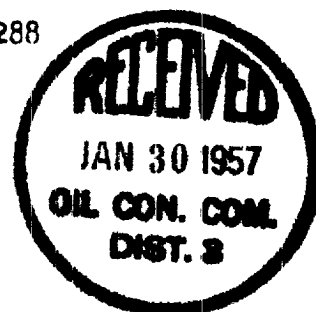
687,241
482,937

1.4230^{.85} x 6288 = 1.3500 x 6288

Aof **8489** MCF/D

TESTED BY **Tom Grant**

WITNESSED BY



L. D. Galloway
L. D. Galloway