

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE January 17, 1957

Operator El Paso Natural Gas Company		Lease Rincon Unit # 71	
Location 1550'S, 1550'E, Sec. 28-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5½	Set At: Feet 3050	Tubing Diameter 1½	Set At: Feet 2974
Perforation Depth 2967	To 3003	Total Depth: 3050 - c/o - 3010'	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 14.1605	
Shut-In Pressure, Casing, PSIG 805	- 12 = PSIA 817	Days Shut-In 12	Shut-In Pressure, Tubing, PSIG 805
Flowing Pressure, P, PSIG 206	- 12 = PSIA 218	Working Pressure, Pw, PSIG 215	- 12 = PSIA 227
Temperature, T 53	F .85	Fpv (From Tables) 1.021	Gravity .640

CHOKED VOLUME = $Q = C \times P_r \times F_v \times F_g \times F_{pv}$

$$Q = 14.1605 \times 218 \times 1.0068 \times .9682 \times 1.021 \quad 3072 \quad \text{MCF/D}$$

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

$$Aof = \left(\frac{667,489}{615,960} \right)^n \quad (1.0837)^{.85} \times 3072 = 1.0707 \times 3072$$

$$Aof = 3289 \quad \text{MCF/D}$$

TESTED BY K. C. McBride

WITNESSED BY _____

By: K.C. McBride
L. D. Galloway
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