

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

Operator El Paso Natural Gas Company		Lease Rincon # 74	
Location 900'N, 951'W, Sec. 33-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 5½	Set At: Feet 3100	Tubing Diameter 1¼	Set At: Feet 3047
Pay Zone: From 3020	To 3052	Total Depth: 3100 - c/o - 3062	
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, PSIG 838	12 - PSIA 850	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 838	12 - PSIA 850	
Flowing Pressure: P, PSIG 313	12 - PSIA 325		Working Pressure: Pw, PSIG 330	12 - PSIA 342	
Temperature: T 61	F 0.850		Fpv (From Tables) 1.032	Gravity .655	

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

$$Q = 14.1605 \times 325 \times .999 \times .9571 \times 1.032$$

4541

MCF/D

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

$$\left(\frac{P_s^2}{P_c^2 - P_w^2} \right)^n$$

722,500		1,931 .85 x 4541 = 1.1620 x 4541	
605,536			
5277		MCF/D	
Tom Grant		e n 2 3 4	
WITNESS BY		ch 9	



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