

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE January 9, 1957

Operator El Paso Natural Gas Company	Lease San Juan 28-7 Unit # 67
Location 955'S, 1709'E, Sec. 5-27-7	County Rio Arriba
Field Pictured Cliff	State New Mexico
Well Name Wildcat	
Flowing Depth 5 1/2	Set At Feet 3350
Flowing Pressure 3262	Set At Feet 3268
Flowing Temperature 3288	Total Depth 3350 - c/o - 3204
Flow Through Casing X	Flow Through Tubing X
Sand Water Frac	

Choke Size 0.750	Choke Constant C 14.1605
Injection Pressure 964	Injection Pressure Tubing 964
Flowing Pressure 178	Working Pressure Fw 178
Temperature 59	Flow From Tables 1.014
	Activity .600

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 14.1605 \times 182 \times 1.001 \times 1.0 \times 1.014 = 2616 \text{ MCF D}$$

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

$$Q = \left(\frac{952.576 - 916.176}{952.576} \right)^{.85} \times 2616 \times 1.0333 = 1.0333 \times 2616$$

2703 MCF D

Tom Grant



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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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CONTRIBUTION

	NO. FINISHED	
Generator		
Intake	1	
Generator - Oil		
Intake - Lead		
E. G. S.	1	
Transporter		
File	1	✓