

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 # 66	
Location 1650'N, 900'W, Sec. 8-27-7		County Rio Arriba	State New Mexico
Field Pictured Cliff		Pool Wildcat	
Casing Diameter 5 1/2	Set At: Feet 3430	Tubing Diameter 1 1/4	Set At: Feet 3371
Flow Zone 3348	3366	Total Depth: 3430 - c/o - 3380	
Flow Through Casing Sand Water Frac		Flow Through Tubing X	

Choke Size, Inches 0.750	Choke Constant, C 14.1605		
Shut-In Pressure, Casing 991	12 PSIA 1003	Days Shut-In 7	Shut-In Pressure, Tubing 991
Flowing Pressure, Casing 115	12 PSIA 127		Flowing Pressure, Tubing 115
Temperature, T 56	0.850		Flow From Tables 1.010
			Gravity .600

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

$Q = 14.1605 \times 127 \times 1.0039 \times 1.0 \times 1.010$

1823

MCF/D

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

NO. 1006,009	
1.0162	
1848	
MCF/D	
Tom Grant	

$.85 \times 1823 = 1.0137 \times 1823$



L. D. Galloway

OIL CONSERVATION COMMISSION

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