

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 20, 1958

Operator El Paso Natural Gas Company		Lease San Juan 30-4 Unit No. 26	
Location 17508, 1800W; 17-30-4		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Pool East Blanco	
Casing: Diameter 5-1/2	Set At: Feet 4319	Tubing: Diameter 1-1/4	Set At: Feet 4276
Pay Zone: From 4028	To 4300	Total Depth: 4327	Shut in 10/5/58 Flow Through Tubing
Stimulation Method Sand Water Frac.		Flow Through Casing	

Choke Size, Inches .75	Choke Constant: C 12.365	Shut-in Pressure: Casing 1248	Shut-in Pressure: Tubing 1248
Flowing Pressure: P 154	Flowing Pressure: P _w 166	Working Pressure: P _w 178	Working Pressure: P _w 190
Temperature: T 66	Temperature: T 85	Flow From: Tubing 1.012	Flow From: Tubing 598

CHOKE VOLUME - $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$Q = 12.365 \times 166 \times .9943 \times 1.004 \times 1.012$ 2074 MCF/D

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

$Aof = \left(\frac{1587600 - 1551500}{1587600 - 1551500} \right)^{.85} (1.0232)^{.85} \times 2074 = 1.0197 \times 2074$

$Aof = 2115$ MCF/D

TESTED BY Jesse B. Goodwin

WITNESSED BY _____

Checked By S. V. Roberts



Lewis D. Galloway
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