

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 30, 1963

Operator El Paso Natural Gas Company	Lease San Juan Unit 28-6 No. 85(PC) O&W
Location 1840'N, 1460'E, Sec. 25-27-6	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco
Casing: Diameter 7.625	Set At: Feet 3245
Pay Zone: From 3066	To 3116
Stimulation Method Sand Water Frac.	Tubing: Diameter 1.660 Set At: Feet 3077
	Total Depth: 5444 C/O 5416 Shut In 7-22-63
	Flow Through Casing X Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant: C 12.365	Baker Model "F" Packer at 4573'
Shut-In Pressure, Casing, PSIG (PC) 641	12 - PSIA 653	Shut-In Pressure, Tubing, PSIG (PC) 641
Flowing Pressure: P 61	12 - PSIA 73	Working Pressure: P _w , PSIG 65
Temperature: 61	0.9990	Gravity 0.656
	0.85	F _g 0.9571
		F _{pv} (From Tables) 1.009

ISIPT (MV) = 853 psig

FSIPT (MV) = 854 psig

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = (12.365)(73)(.9990)(0.9571)(1.009)$$

871

MCF/D

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

$$A_{of} = \left(\frac{4264.09}{4204.80} \right)^n$$

$$(1.011)^{.85} (871) = (1.0120)(871)$$

A_{of} 881

MCF/D

TESTED BY **Herman E. McAnally**

Checked

~~W. D. Dawson~~ **W. D. Dawson**



Lewis D. Galloway
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