

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 19, 1958

Operator El Paso Natural Gas Company		Lease San Juan 28-7 No. 86 (P)	
Location 1800S, 1550W, 7-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 7-5/8	Set At Feet 3189	Tubing Diameter 1-1/4"	Set At Feet 3079
Pay Zone Feet 3038	3120	Total Depth 5457	Shut-In 3/11/58
Completion Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Choke Constant, C 12.365	5-1/2" liner 3157 - 5457
Shut-in Pressure, (PC) 771	PSIA 783	Days Shutoff 69
Flowing Pressure, P _w 86	PSIA 98	Shut-in Pressure, Tubing (PC) 781
Temperature, T 62	.850	PSIG 793
		Working Pressure, P _w 92
		PSIA 104
		Factor From Tables 1.007
		Gravity .630

Initial SIPT (MV) = 1083 PSIG
Final SIPT (MV) = 1084 PSIG

Packer at 3212, 2" at 5176

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times P_3 \times P_4$

$Q = 12,365 (98) (.9981) (.9759) (1.007)$

1189

MCF/D

$$Q = A_0 \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$$

$$A_0 = \left(\frac{628,849}{618,033} \right)^n$$

$$(1.0175)^{.85} (1189) = (1.01487) (1189)$$

$A_0 = 1207$ MCF/D

Robert R. Davis



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