

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION

DATE June 30, 1959

Operator El Paso Natural Gas		Lease San Juan 28-6 No. 92 (P)	
Location 1790N, 1550E; 2-27-6		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Well South Blanco	
Casing Diameter 7-5/8	Set At Feet 3427	Tubing Diameter 1-1/4	Set At Feet 3279
Pay Zone From 3238	To 3304	Total Depth 5621 c/o 5531	Shut In: 6/13/59
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches .75	Choke Description 12.365	5-1/2 liner 3360 - 5619
Shut-in Pressure, Casing, PSIG 983	PSIG 995	PSIG 984
Flowing Pressure, P, PSIG 93	PSIG 105	PSIG 97
Temperature, T, F 59	Gravity .85	Gravity .670

Initial SIPT (MV) = 1054 psig

Final SIPT (MV) = 1056 psig

Packer at 3334

CHOKE VOLUME = $Q \times C \times R \times F \times F_1 \times F_2$

$$C = 12.365 \times 105 \times 1.0010 \times .9463 \times 1.009$$

1241

MCF/D

$$Q_{PFLOW} = A_{SI} \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$A_{SI} = \left(\frac{992016}{980135} \right)^n$$

$$1.0121^{.85} 1241 = 1.0103 \times 1241$$

$$A_{SI} = 1254 \text{ MCF/D}$$

TESTED BY M. W. Rischard

WITNESSED BY Fred Cook, N.M.O.C.C.



Lewis D Galloway
L. D. Galloway