

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 26, 1962

Operator El Paso Natural Gas Company		Lease San Juan 27-5 No. 62	
Location 940'N, 765'E, Sec. 6-27-5		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool So. Blanco	
casing Diameter 2-7/8"	Set At Feet 3399	Tubing Diameter No Tubing	Set At Feet -----
Pay Zone Feet 3296	Is 3340	Total Depth 3400	Shut In 1-15-62
Artificial Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing -----

Stroke Size, inches .75		Prove Constant 12.365		TUBINGLESS COMPLETION	
Artificial Fracturing 1030	PSIG 1042	PSIA 11	Artificial Fracturing No Tubing	PSIG -----	PSIA -----
Working Pressure 64	PSIG 76	PSIA (Calc.)	Working Pressure (Calc.)	PSIG 97	PSIA 97
Fracture Time 56	1.0039	.85	Fracture Time 1.009	Gravity .650	Fr .9608

WORKING PRESSURE = 64 PSIG

$$12.365(76)(1.0039)(.9608)(1.009)$$

915

MCF/D

ARTIFICIAL FRACTURING

$$\left(\frac{1030}{1042} \right)^n$$

Art

$$\left(\frac{1,065,764}{1,076,355} \right)^n$$

$$(915)(1.0087)^{.85} = (915)(1.0074)$$

Art

922

MCF/D

D. H. Martensen

Calculated by: W. D. Dawson

Lewis D. Galloway
Lewis D. Galloway

