

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE October 21, 1958

Operator El Paso Natural Gas		Lease San Juan 27-5 Unit No. 35 (P)	
Location 1120S, 990W; 33-27-5		County Rio Arriba State New Mexico	
Formation Pictured Cliffs		Plant Undesignated	
Casing Diameter 7-5/8	Set At Feet 3335	Tubing Diameter 1-1/4	Set At Feet 3196
Pay Zone Feet 3180	To 3244	Total Depth 5541 c/o 5510	Shut in 9/10/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	

Casing Size, Inches .75	Line Constant 12.365	5-1/2 liner 3294 - 5536
Shut-in Pressure, Casing, PSIG (PC) 990	12 PSIA 1002	Shut-in Pressure, Tubing, PSIG (PC) 990
Flowing Pressure, Casing, PSIG 109	12 PSIA 121	Flowing Pressure, Tubing, PSIG 112
Temperature, Casing, F 54	.85	Gravity 1.011
		.650

Initial SIPT (MV) = 1101 PSIG

Packer at 3277

Final SIPT (MV) = 1100 PSIG

CUMULATIVE VOLUME = $C \times P \times F \times F_1 \times F_2$

$$12.365 \times 121 \times 1.0058 \times .9608 \times 1.011$$

1462

MCF/D

$$Q = \left(\frac{C \times P \times F \times F_1 \times F_2}{12.365 \times 121 \times 1.0058 \times .9608 \times 1.011} \right)^n$$

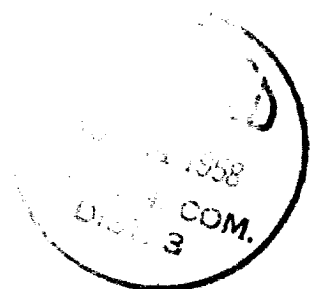
$$\left(\frac{1,004,004}{988,628} \right)^n$$

$$1462 (1.0155)^{.85} = 1462 \times 1.0132$$

1481

MCF/D

D. K. Bryant



Lewis D. Galloway
L. D. Galloway