

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION

DATE August 25, 1960

Operator El Paso Natural Gas Co.	Lease San Juan 27-5 No. 56 (P)
Location 16508, 990W; 34-27N-5W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Block So. Blanco P.C. (Ext.)
tubing Diameter 7-5/8" Set At Feet 3430	tubing Diameter 1-1/4" Set At Feet 3392
Flow Zone From 3238 To 3302	Total Depth 5626 c/o 5571 Shut In 7/16/60
Completion Method Sand Water Frac.	Flow Through Casing X

tubing Size, Inches .75	tubing Constant, C 12.365	tubing Size, Inches 5-1/2" liner from 3349 to 5624
Shut In Pressure, PSIA PC 1040	Days Shut In 40	Shut In Pressure, PSIA PC 1040
Flowing Pressure, PSIA 93	Flowing Pressure, PSIA 105	Working Pressure, PSIA 98
Temperature 59	Temperature 1.0010	Temperature 1.007
		Gravity .630 Fg .9759

Initial SIPT (MV) = 1026 psig
Final SIPT (MV) = 1024 psig

Baker "EGJ" Prod. Packer at 3400

Q = C x P_i x E x F_g x F_{pv}

$$Q = 12.365 \times 105 \times 1.0010 \times .9759 \times 1.007$$

1277

MCF/D

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

$$Q = \left(\frac{1106704}{1094604} \right)^n$$

$$1277 \times 1.0119^{.85} = 1277 \times 1.0093$$

1289

MCF/D

Ron Headrick

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