

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 2, 1961

Operator El Paso Natural Gas Company		Lease San Juan 29-5 No. 49	
Location 990'S, 990'W, Sec. 9-29N-5W		County Rio Arriba	State New Mexico
Field Mesa Verde		Pool Blanco	
Casing Diameter 2-7/8" O.D.	Set At Feet 6058	Tubing Diameter No Tubing	Set At Feet ----
Flow Through Casing 5827	Flow Through Tubing 5906	Total Depth 6061 c/o 6052	Shut In 5-5-61
Flow Through Casing Sand/Water Frac.		Flow Through Tubing X	

Casing Constant 0.750"		Tubing Constant 12.365		Completion Tubingless Completion	
Flow Through Casing 1062	Flow Through Tubing 1074	Days Shut-in 28	Working Pressure, PSIG No Tubing	Working Pressure, PSIA ----	Working Pressure, PSIA 12 PSIA
Flow Through Casing 221	Flow Through Tubing 233		Calculated 332	Gravity .670	Gravity .9463
Flow Through Casing 85	Flow Through Tubing .9768	Flow Through Casing 0.75	Flow Through Tubing 1.020		

Q = P₁ x F₁ x F₂ x F₃ x F₄ x F₅

(12.365)(233)(.9768)(.9464)(1.020)

2716

MCF D

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

$$\left(\frac{1,153,476}{1,043,252} \right)^n$$

$$(1.1056)^{.75}(2716) = (1.0781)(2716)$$

2928

MCF D

R. L. Nickell, Jr.

Checked by: T. B. Grant



Lewis D. Galloway
L. D. Galloway