

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE **September 28, 1961**

Company	El Paso Natural Gas Company	Lease	Howell "K" No. 3 (OWO)
Section	NE/4 Sec. 15-30N-8W	County	San Juan
Well Name	Mesa Verde	State	New Mexico
Well Depth	4538	Well	Blanco
Set At	5202	Tubing Diameter	No Tubing
Set At	5004	Set At	----
Completion	Sand/Water Frac.	Total Depth	5210 c/o 5100
		Start	9-18-61
		Flow Through Casing	X
		Flow Through Tubing	

Flow Rate	.750	Days Production	12.365	Completion	Tubingless Re-Completion
Flow Rate	932	Days Production	944	Shut-In Pressure, PSIG	None
Flow Rate	217	Days Production	229	Working Pressure, PSIG	Calc.
Flow Rate	76	Days Production	.9850	Flow From Tables	1.019
			.75	Gravity	.640
				Fg	.9682

Q = 1.1217 x P<sub>1</sub> x P<sub>2</sub> x P<sub>3</sub> x P<sub>4</sub> x P<sub>5</sub>

$Q = (12.365)(229)(.9850)(.9682)(1.019) = 2752$  MCF D

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

$$\left( \frac{891,136}{794,415} \right)^n$$

$(1.1217)^{.75}(2752) = (1.0899)(2752)$

2999 MCF D

D. E. Mortensen

Checked by: W. D. Dawson



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