

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE March 1, 1963

Operator El Paso Natural Gas Company	License Manning State No. 1-B (OWWO)
Location 330'S, 330'W, Sec. 2-29-7	County Rio Arriba State New Mexico
Formation Mesa Verde	Well Blanco
Casing Diameter 2.875 Set At: Feet 5537	Casing Diameter No Tubing Set At: Feet ----
Pay Zone From 4980 To 5496	Test Depth: 5552 Shut In 2-1-63
Stimulation Method Sand/Water Frac.	Flow Through Casing X Flow Through Tubing

Well Size, inches .75	Choke Constant, C 12.365	TUBINGLESS COMPLETION	
Days Since Completion 28	PSIG 12 PSIA 836	Wellbore Pressure, Tubing No Tubing	PSIG 12 PSIA ----
Flowing Wellhead Pressure 32	PSIG 12 PSIA 32	Working Pressure: P _w Calculated	PSIG 12 PSIA 44
Leak-off Coefficient 1.0039	.75	Flow From Tables 1.004	Gravity .690 F _g .9325

$$Q = 1.151 \times C \times R \times F \times F_g \times F_r$$

$$(12.365)(32)(1.0039)(.9325)(1.004)$$

372 MCF D

$$Q = 1.151 \times C \times R \times \left(\frac{P_w^2 - P_r^2}{P_w^2 - P_a^2} \right)^n$$

$$372 = 1.151 \times (1.0027)^{.75} \times (372) = (1.0020)(372)$$

$$(1.0027)^{.75}(372) = (1.0020)(372)$$



NOTE: Well started unloading 3/4" stream of water and unloaded same throughout test.

372 MCF D

H. B. McAnally

Checked by ~~XXXXXXXXXX~~ H. B. Grant

Lewis D. Galloway
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