

OPEN FLOW TEST DATA

DATE July 4, 1962

Owner El Paso Natural Gas Company	Lease Hardie "D" No. 2
Location 1650'S, 1650'W, Sec. 14-28-8	County San Juan State New Mexico
Section Mesa Verde	Pool Blanco
Casing Diameter 4.5" Set At: Feet 5277	Tubing Diameter 2.375 Set At: Feet 5204
Flow Through Casing 4542 To 5224	Total Depth 5277 Shut In 6-27-62
Flow Through Tubing Sand/Water Frac.	Flow Through Tubing X

Pressure (PSIA) 0.750	Pressure (PSIA) 12.365	Days Shut-in 7	Shut-In Pressure, Tubing 1012	PSIG 12 PSIA 1024
Pressure (PSIA) 1028	Pressure (PSIA) 1040		Working Pressure: Pw 667	PSIG 12 PSIA 679
Pressure (PSIA) 273	Pressure (PSIA) 285		Flow From Tables 1.031	Gravity .692 Fg .9325
Pressure (PSIA) 68	Pressure (PSIA) .9924			

Flow Through Casing = $P_1 \times F_1 \times F_2 \times F_3 \times F_4$

$(12.365)(285)(.9924)(.9325)(1.031)$

3362

MCF/D

$$Q = A \cdot V \cdot \left(\frac{P_1}{P_2} \right)^n$$

ILLEGIBLE

$$\left(\frac{1,031,600}{620,559} \right)^n$$

$$(1.7429)^{.75}(3362) = (1.5170)(3362)$$

400

5100

MCF/D

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