

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 26, 1962

Operator El Paso Natural Gas Company	Lease Hardie "E" No. 3
Location 990'N, 1750'E, Sec. 23-28-8	County San Juan State New Mexico
Formation Mesa Verde	Pool Blanco
Casing Diameter 4.50 Set At Feet 5195	Tubing Diameter 1-1/4" Set At Feet 5099
Flow Line Feet 4460 To 5086	Total Depth 5195 Shut In 7-16-62
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing

Well Size, Inches .750	Grain Constant, C 12.365
Shut-in Pressure, P _{si} 1047	PSIG 12 PSIA Days Shut-in 1059 10
Flowing Pressure, P 591	PSIG 12 PSIA 603
Temperature 81	Grav. .9804 .75
	Flow Through Casing 1.059
	Grav. .665 .9498

FORMULA: $Q = C \times R_1 \times F_1 \times F_g \times F_{pv}$

$Q = (12.365)(603)(.9804)(.9498)(1.059)$

7353

MCF D

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

Act $\left(\frac{1,123,600}{694,575} \right)^n$

$(1.6176)^{.75}(7353) = (1.4345)(7353)$



Act

10548

MCF D

D. E. Mortensen

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