

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 21, 1958

Operator: El Paso Natural Gas		Lease: Rincon No. 115 (M)	
Location: 9908, 1190W, 21-27-6		County: Rio Arriba State: New Mexico	
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 7-5/8	Set At: Feet: 3414	Tubing: Diameter: 2"	Set At: Feet: 5513
Pay Zone: From: 5360	To: 5552	Total Depth: 5605	Shut-in 4/20/58 Flow Through Tubing
Stimulation Method: Sand Water Frac		Flow Through Casing: X	

Choke Size, Inches: .75		Choke Constant: C: 12.365	
Shut-in Pressure, Casing: (PC) 994	PSIG - 12 - PSIA: 1006	Days Shut-In: 31	Shut-in Pressure, Tubing: (MV) 1024
Flowing Pressure: P: 173	PSIG - 12 - PSIA: 185		Working Pressure: Pw: (Calc) 367
Temperature: T: 62	F - 32: .75		Fpv (From Tables): 1.021
			Gravity: .708

Initial SIPC (PC) = 994 PSIG 1-1/4" at 3274, Packer at 3383'
Final SIPC (PC) = 998 PSIG

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$Q = 12.365 (185) (.9981) (.9225) (1.021) = 2151$ MCF/D

$$\text{OPEN FLOW } Q = C \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Q = \left(\frac{1,073,296}{938,607} \right)^n (1.1434)^{.75} (2151) = (1.1059) (2151)$$

Act 2,379 MCF/D



TESTED BY R. R. Davis

Medium Fog Entire Test.

WITNESSED BY

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