

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 11, 1964

Operator Beta Development Company	Lease San Juen Unit 28-6 No. 105-115
Location 1160'S, 2275'W, Sec. 30, T-27-N, R-6-W	County Rio Arriba State New Mexico
Formation Dakota	Pool Basin
Casing Diameter 4.500	Set At Feet 7467
Pay Zone: From 7224	To 7428
Stimulation Method Sand Water Frac.	Flow Through Casing X

Choke Size, Inches .75	Choke Constant: C 12.365	Company Distribution Only	
Shut-In Pressure, Casing, PSIG 2516	PSIA 2528	Days Shut-in 7	Shut-In Pressure, Tubing, PSIG 2444
Flowing Pressure: P, PSIG 294	PSIA 306	Working Pressure: Pw, PSIG 1002	PSIA 1014
Temperature: T, F 76	F _v .9850	F _w .75	Gravity .670
			F _g .9463

CHOKE VOLUME $Q = C \times P_c \times F_v \times F_g \times F_{pw}$

$Q = (12.365)(306)(.9850)(.9463)(1.029) = 3629$ MCF D

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

$Aof = \left(\frac{6,390,784}{5,362,588} \right)^n$

$(3629)(1.1917)^{.76} = (3629)(1.1405)$



NOTE: Well produced very little liquid during test.

$Aof = 4139$ MCF D

TESTED BY **George Hoffman (Beta)**

WITNESSED BY **Hermon E. McAnally (EPNG)**

Lewis D. Galloway
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