

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 11, 1964

Operator Beta Development Company	Lease San Juan Unit 28-6 No. 115 105
Location 1050'S, 1680'W, Sec. 35, T-28-N, R-6-W	County Rio Arriba State New Mexico
Formation Dakota	Pool Basin
Casing Diameter 4.500 Set At: Feet 7581	Tubing Diameter 2.375 Set At: Feet 7501
Pay Zone: From 7316 To 7540	Total Depth 7581 Shut In 8-4-64
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing X

Choke Size, Inches .75	Choke Constant: C 12.365	Company Distribution Only
Shut-In Pressure, Casing, PSIG 2591	PSIA 2603 Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 2636 PSIA 2648
Flowing Pressure: P PSIG 334	PSIA 346	Working Pressure: Pw PSIG 1205 PSIA 1217
Temperature: T 73 F	F .9877 F .75	Flow From Tables) Gravity 1.034 Fg .670 Fg .9463

CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

$$Q = (12.365)(346)(.9877)(.9463)(1.034)$$

4135

MCF D

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

$$Aof \left(\frac{7,011,904}{5,530,815} \right)^n$$

$$(4135)(1.2677)^{.75} = (4135)(1.1943)$$



NOTE: Well produced very little liquids during test.

Aof 4938

MCF D

TESTED BY George Hoffman (Beta)

WITNESSED BY Hermon E. McAnelly (EPNG)

Lewis D. Galloway
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