

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **August 16, 1961**

Operator El Paso Natural Gas Company	Lease San Juan 30-6 No. 36
Location 1790'N, 1600'E, Sec. 8-30N-6W	County Rio Arriba
Format Mesa Verde	State New Mexico
Casing: Diameter 7" O.D.	Set At: Feet 3424
Play Zone: From 5400	To 5604
Flow Through Casing Sand/Water Frac.	Flow Through Tubing X

Choke Size, Inches .750	Choke Constant: C 12.365	4-1/2" Linner from 3351 to 5695
Shut-In Pressure, PSIG 1078	PSIG 12 PSIA 1090	Days Shut-In 10
Flowing Pressure: P 245	PSIG 12 PSIA 257	Working Pressure: P _w 610
Temperature: 70 F	Grav .9905	Grav .9608

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

$$Q = (12.365)(257)(.9905)(.9608)(1.023)$$

3094

MCF D

$$Q = \left(\frac{P_r^2 - P_w^2}{P_L^2 - P_w^2} \right)^n$$

$$Q = \left(\frac{1,188,100}{801,216} \right)^n$$

$$(1.4828)^{.75}(3094) = (1.3438)(3094)$$

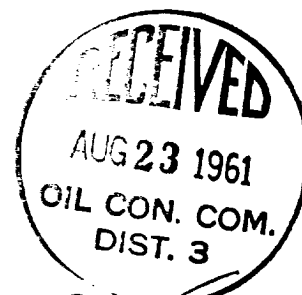
Ans

4158

MCF D

W. D. Dawson

Checked by: R. L. Nickell, Jr.



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