

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 4, 1957

Operator El Paso Natural Gas Company		Lease Dryden #3	
Location 990 S and 990 W 21-28-8		County San Juan	State New Mexico
Formation Mesaverde		Pool Blanco	
Casing: Diameter 7 5/8	Set At: Feet 2389	Tubing: Diameter 2	Set At: Feet 4552
Pay Zone: From 3818	To 4600	Total Depth: 4635 c/o 4610 Packer @ 2453	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, inches 0.75		Choke Constant: C 12.365		5 1/2" Liner 2 4633	
Shut-In Pressure, Casing Pictured Cliffs	PSIG 867	12 = PSIA	Days Shut-In 7	Shut-In Pressure, Tubing 1076	PSIG - 12 = PSIA 1088
Flowing Pressure, P 389	PSIG 401	12 = PSIA	Working Pressure, Pw Calculated	PSIG - 12 = PSIA 750	
Temperature, T 76	F		Fpv (From Tables) 1.037	Gravity .660	

Sinal SIPC (Pictured Cliffs) 870 psig.

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

$$Q = 12.365 \times 401 \times .9850 \times .9535 \times 1.037$$

4829

MCF D

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$A_{of} = \left(\frac{1183744}{621244} \right)^n$$

$$1.9054^{.75} \times 4829 = 1.622 \times 4829$$

Aof = 7833

MCF D

TESTED BY **R. A. Ullrich**WITNESSED BY **Fred Cook (NMOCC)**

cc: E. J. Coel (6)

L. D. Galloway
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OIL CONSERVATION COMMISSION

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