

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUEL COMPLETION

DATE October 25, 1960

Operator El Paso Natural Gas Company	Lease San Juan 28-5 No. 44 (MV)
Location 840'S, 890'W, 27-28N-5W	County Rio Arriba State New Mexico
Formation Mesa Verde	Pool Blanco Mesa Verde
Casing Diameter 7" Set At: Feet 7745	Tubing Diameter 2" Hydril Set At: Feet 5881
Pay Zone: From 5762 To 5904	Total Depth: 8195 c/o 8157 Shut In 9/26/60
Stimulation Method: Sand/Water Frac.	Flow Through Casing X Flow Through Tubing X

Choke Size, Inches .750	Choke Constant: C 12.365	5" Liner from 7653 to 8193
Shut-In Pressure, Casing, (MV) 1043 PSIG - 12 PSIA	Days Shut-In 29	Guiberson "AG" Prod. Pkr. at 7321
Flowing Pressure: P 223 PSIG - 12 PSIA	Working Pressure: Pw 581	Shut-In Pressure, Tubing (MV) 1043 PSIG - 12 PSIA
Temperature T 64 F	Fp (From Tables) 1.025	Gravity .686
Ft .9962	Fg .9359	

Initial SIPT (D) = 2700 psig

Final SIPT (D) = 2710 psig

CHOKE VOLUME $Q = C \times P_c \times F_p \times F_g \times F_{pv}$

$$Q = (12.365)(235)(.9962)(.9359)(1.025)$$

2777

MCF/D

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

$$\text{Aof} \left(\frac{1113025}{761376} \right)^n \quad (1.4618)^{.75}(2777) = (1.3298)(2777)$$

Aof

3693

MCF/D

TESTED BY

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WITNESSED BY

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Checked by

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