

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 15, 1959

Operator El Paso Natural Gas		Lease Gartner No. 7		OWWO
Location 1190S, 1650W; 26-30-8		County San Juan	State New Mexico	
Formation Mesa Verde		Pool Blanco		
Casing: Diameter 7"	Set At: Feet 4366	Tubing: Diameter 2"	Set At: Feet 4582	
Pay Zone: From 4398	To 4735	Total Depth 5117 c/o 4735		Shut In: 5/22/59
Stimulation Method Shot-hole		Flow Through Casing X		Flow Through Tubing Tubing Plugged

Choke Size, Inches .75		Choke Constant, C 12.365			
Shut-In Pressure, Casing 983	PSIG - 12 - PSIA	Days Shut-In 54	Shut-In Pressure, Tubing 968	PSIG - 12 - PSIA	980
Flowing Pressure: P _w 189	PSIG - 12 - PSIA		Working Pressure: P _w 247	PSIG - 12 - PSIA	259
Temperature: T 78	F		F _{pv} (From Tables) 1.016	Gravity	.649

CHOKE VOLUME = Q C x P_w x F_v x F_g x F_{pv}Q **12.365 x 201 x .9831 x .9645 x 1.016** **2394** MCF/D

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

Test attempted 4/29 - would not unload thru tubing. Test thru casing - 3 hours.

$$Aof \left(\frac{990025}{922944} \right)^n$$

$$1.0720^{.75} \times 2394 = 1.0535 \times 2394$$

Aof **2522** MCF/DTESTED BY Jesse B. Goodwin

WITNESSED BY _____

Checked By M. W. Rischard

Lewis D. Galloway
L. D. Galloway

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