

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 10, 1962

Operator El Paso Natural Gas Company		Lease Canyon Largo Unit No. 113	
Location 990'S, 1100'W, Sec. 8-24-6		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool Ballard	
Casing: Diameter 2.875	Set At: Feet 2216	Tubing: Diameter No Tubing	Set At: Feet ----
Pay Zone: From 2093	To 2162	Total Depth: 2222	Shut In 9-17-62
Stimulation Method Sand/Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .750		Choke Constant: C 12.365		"TUBINGLESS COMPLETION"	
Shut-in Pressure, Casing, PSIG 670	PSIG - 12 - PSIA 682	Days Shut In 23	Shut-in Pressure, Tubing, PSIG No Tubing	PSIG - 12 - PSIA ----	
Flowing Pressure: P, PSIG 249	PSIG - 12 - PSIA 261		Working Pressure: P _w , PSIG Calc.	PSIG - 12 - PSIA 312	
Temperature: 64	n .9962		F _{pv} (From Tables) 1.025	Gravity .650	F _g .9608

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

$Q = (12.365)(261)(.9962)(.9608)(1.025) \quad 3166 \quad \text{MCF/D}$

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

$$A_{of} = \left(\frac{465,124}{367,780} \right)^n \quad (1.2646)^{.85}(3166) = (1.2212)(3166)$$

$A_{of} = 3866 \quad \text{MCF/D}$

By D. E. Mortensen

Active Seal Unit

Checked by W. D. Dawson

NOTE: Blew clear gas.



Lewis D. Galloway
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