

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 14, 1961

Operator El Paso Natural Gas Company		Lease Canyon Largo No. 104	
Location 1650'S, 1650'W, Sec. 3-24N-7W		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Ballard PC	
Casing Diameter 2-7/8" O.D.	Set At: Feet 2622	Tubing Diameter No Tubing	Set At: Feet ----
Pay Zone: From 2537	To 2561	Total Depth 2625 C/O 2600	Shut In 5-25-61
Stimulation Method Sand/Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 624	12 - PSIA	Days Shut-In 20	Shut-In Pressure, Tubing, PSIG No Tubing	12 - PSIA	
Flowing Pressure: P, PSIG 195	12 - PSIA		Working Pressure: Pw, PSIG Calc.	12 - PSIA	
Temperature 57 F	n 207		Fpv (From Tables) 1.021	Gravity .9608	
Fr: 1.0029		Fg: .85		Fg: .9608	

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

$Q = (12.365)(207)(1.0029)(.9608)(1.021) = 2518$ MCF/D

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

$$Aof = \left(\frac{404496}{339471} \right)^n (1.1915)^{.85} (2518) = (1.1607)(2518)$$

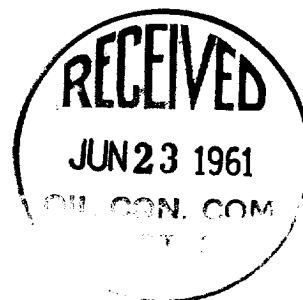
Aof 2923 MCF/D

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked by: **W. D. Dawson**

Calculated by: **C. R. Wagner**



Lewis D. Galloway
L. D. Galloway