

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **June 14, 1961**

Operator La Plata Gathering	Lease San Juan 32-5 Unit No. 3-26
Location 990'N, 2400'W, Sec. 26-32N-6W	County Rio Arriba State New Mexico
Formation Dakota	Pool Basin
Casing Diameter 4-1/2" O.D. Set At Feet 8098	Tubing Diameter 2-3/8" O.D. Set At Feet 7889
Pay Zone From 7908 To 8038	Total Depth 8098 P/B 8050 Sp. Int. 6-1-61
Stimulation Method Sand/Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, inches 0.750"	Choke Constant: C 12.365	Days Shut-In 13	Shut-In Pressure, Casing, PSIG 2657	Shut-In Pressure, Tubing, PSIG 2669
Flowing Pressure: P, PSIG 361	Flowing Pressure: P, PSIA 373	Working Pressure: Pw, PSIG 1178	Working Pressure: Pw, PSIA 1190	Gravity 1.000
Temperature 81 F	Fr. .9804	Est. .600	Fg 1.000	

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

$Q = (12.365)(373)(.9804)(1.000)(1.026)$

4639

MCF/D

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

$Aof = \left(\frac{7123561}{5707461} \right)^n$

$(1.2481)^{.75}(4639) = (1.1812)(4639)$

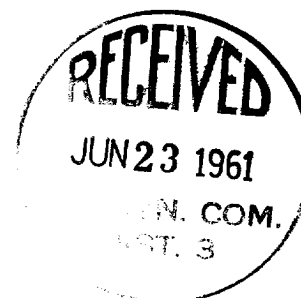
Aof **5480**

MCF/D

TESTED BY **R. L. Nickell, Jr.**

WITNESSED BY **Al Johnson (La Plata Gathering)**

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



Lewis D. Galloway
L. D. Galloway