

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE February 2, 1962

Operator La Plata Gathering System		Lease Thomas No. 1-30	
Location 1770'S, 930'W, Sec. 30-29-11		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing Diameter 4.5	Set At Feet 6152	Tubing Diameter 2.375	Set At Feet 5886
Play Zone From 5993	To 6046	Total Depth 6154 c/o 6106	Shut In 1-25-62
Stimulation Method Sand/Water Frac.		Flow Through Casing X	

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 2024	PSIG - 12 - PSIA 2036	Days Shut-In 8	Shut-In Pressure, Tubing, PSIG 2015
Flowing Pressure: P, PSIG 156	PSIG - 12 - PSIA 168		Working Pressure: Pw, PSIG 697
Temperature 73 F	Fv .9877		Fp (From Tables) 1.015
	0.750		Gravity .660
			Fg .9535

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

$$Q = (12.365)(163)(.9877)(.9535)(1.015)$$

1986

MCF D

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

$$A_{of} = \left(\frac{4,145,296}{3,642,615} \right)^n$$

$$(1.1380)^{.75}(1986) = (1.1018)(1986)$$

Aof 2186

MCF D



NOTE: Blew Heavy Spray of Distillate Throughout test.

Tom Grant

Oliver Towell (La Plata Gathering)

Lewis D. Galloway
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