

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Oct. 20, 1961

Operator EL PASO NATURAL GAS COMPANY		Lease Canyon Largo No. 106	
Loc 990'N, 1500'W, 20-24N-6W		County Rio Arriba State New Mexico	
Elev Gallup		Flow Devils Fork	
Case 1 1/2" O.D.	Set At Feet 5553	Tubing Diameter 2 3/8" O.D.	Set At Feet 5465
Pay Zone 5456	Is 5468	Total Depth 5553 C/O 5485	Shut in 9-30-61
Stratigraphic Method Sand Water Frac.		Flow Through Casing X	

Choke Size, Inches 0.750	Choke Constant, C 12.365	Days Shut in 19	Shut-In Pressure, Tubing 1389	PSIG 12 PSIA 1401
Well Pressure, Casing 1389	PSIG 12 PSIA 1401	Working Pressure, Pw 363	PSIG 12 PSIA 375	Gravity .760
Flowing Pressure, P 95	PSIG 12 PSIA 107	Flow From Tables 1.012	Flow Through Tubing .760	Eg .8885
Temperature 60	Flow 1.000			

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$Q = (12.365)(107)(1.000)(.8885)(1.012)$

1190

MCF/D

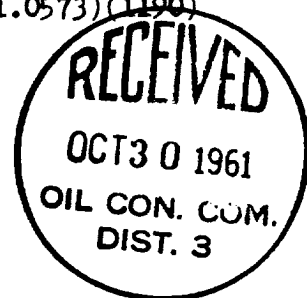
OPEN FLOW $Adf = Q \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_w^2} \right)^n$

$Adf = \left(\frac{1,962,801}{1,822,176} \right)^n$

$(1.0771)^{.75} (1190) = (1.0573)(1190)$

Adf 1258

MCF/D



Jesse B. Goodwin

NOTE: Blew heavy fog of crude oil entire test.

Checked by: W. D. Dawson

Lewis D. Galloway
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