

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **December 30, 1962**

Operator El Paso Natural Gas Company		Lease San Juan Unit 28-6 No. 112	
Location 990'S, 1850'W, Sec. 9-27-6		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing Diameter 4.500	Set At Feet 7653	Tubing Diameter 2.375	Set At Feet 7466
Pay Zone From 7382	To 7536	Total Depth 7668	Shut-In 12-15-62
Stimulation Method Sand/Water Frac.		Flow Through Casing X	

Choke Size, Inches .75	Choke Constant, C 12.365		
Shut-In Pressure, Casing, PSIG 2542	Flow, Q, PSIA 2554	Days Shut-In 15	Shut-In Pressure, Tubing, PSIG 2594
Flowing Pressure, P, PSIG 275	Flow, Q, PSIA 287		Working Pressure, Pw, PSIG 1057
Temperature, T, F 70	Gravity, G _g .9905		Flow from Tables, F _g 1.030
			Gravity, G _g .695
			Gravity, G _g .9292

$$Q = C \times P_1 \times F_1 \times F_2 \times F_3$$

$$Q = (12.365)(287)(.9905)(.9292)(1.030)$$

3364

MCF/D

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

$$Q = \left(\frac{6,791,236}{5,648,475} \right)^n$$

$$(3364)(1.2023)^{.75} = (3364)(1.1484)$$

NOTE: Blew heavy fog of Gas and Distillate.

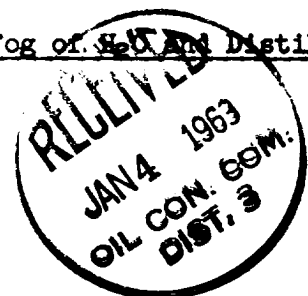
Act

3863

MCF/D

Checked by **Jesse B. Goodwin**

Checked by **W. D. Dawson**



Lewis D. Galloway
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