

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 24, 1957

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit No. 72	
Location 1650'S, 1090'W, Sec. 35-28-7		County Rio Arriba	State New Mexico
Pictured Cliffs		Wildcat	
Casing Diameter 7 5/8	Set At: Feet 2909	Tubing Diameter 1 1/4	Set At: Feet 2725
Flow Zone: From 2704	To 2736	Total Depth 5120 /c/o/ - 5050. Packer at 2946	
Completion Method Sand Water Frac.		Flow Through Casing X	
		Flow Through Tubing	

Choke Size, Inches 0.75	Choke Constant: C 12.365		
Shut-In Pressure, Casing, PSIG 1071	- 12 - PSIA 1083	Days Shut-In 24	Shut-In Pressure, Tubing, PSIG 1071
Flowing Pressure: P, PSIG 82	- 12 - PSIA 94		Working Pressure: Pw, PSIG 84
Temperature: T 62			Fpv (From Tables) 1.007
			Gravity .640

SIPT (MV) - 1106 psig; Final SIPT (MV) - 1109 psig

CHOKE VOLUME $Q = C \times P_c \times F_c \times F_g \times F_v$

$$Q = 12.365 \times 94 \times .9981 \times .9682 \times 1.007$$

1131

MCF/D

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

$$Aof = \left(\frac{1,172,889}{1,163,673} \right)^{.85} \times 1.0079 \times 1131 = 1.0067 \times 1131$$

Aof **1139**

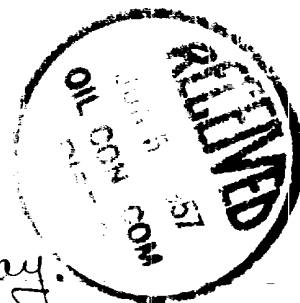
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TESTED BY **R. A. Ullrich**

WITNESSED BY

cc: **E. J. Coel, Jr. (6)**

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

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