

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 29, 1958

Operator El Paso Natural Gas Company		San Juan 30-4 Unit No. 23	
Location 890S, 800E; 4-30-4		Rio Arriba New Mexico	
Picturation Pictured Cliffs		Undesignated	
Casing Diameter 5-1/2	Perforation Feet 4407	Casing Diameter 2"	Perforation Feet 4358
Pay Zone Feet 4088	Perforation Feet 4350	Perforation Feet 4408 c/o 4367	Shut in 9/22/58
Stratigraphic Method Sand Water Frac.		X	

Choke Size, Inches .75	Choke Constant 12.365	Choke Size, Inches .75	Choke Constant 12.365
Shut-in Pressure, Casing, PSIG 1168	Shut-in Pressure, Perforation, PSIG 1180	Shut-in Pressure, Casing, PSIG 1168	Shut-in Pressure, Perforation, PSIG 1180
Flowing Pressure, Casing, PSIG 113	Flowing Pressure, Perforation, PSIG 125	Flowing Pressure, Casing, PSIG 398 "	Flowing Pressure, Perforation, PSIG 410
Temperature, °F 70	Temperature, °F .85	Temperature, °F 1.009	Temperature, °F .605

CHOKED VOLUME $Q = C \times R_1 \times R_2 \times R_3 \times R_4$

$$Q = 12.365 \times 125 \times .9905 \times .9958 \times 1.009$$

1538

MCF/D

OPEN FLOW $Q = C \left(\frac{R_1}{R_2} \right)^n$

$$Q = \left(\frac{1392400}{1224300} \right)^n$$

$$(1.1373)^{.85} \times 1538 = 1.1159 \times 1538$$

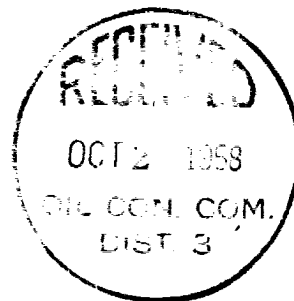
Asf

1716

MCF/D

Jesse B. Goodwin

WITNESSED BY

Checked By M. W. Rischard

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