

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 17, 1957

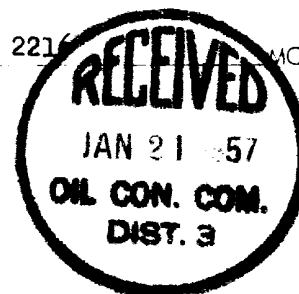
Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit # 64	
Location 990'S, 990'W, Sec. 22-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 5½	Set At: Feet 3065	Tubing Diameter 1½	Set At: Feet 3038
Pay Zone: From 2978	To 3042	Total Depth: 3065 - c/o - 3050	
Stimulation Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant, C 14.1605		
Shut-In Pressure, Casing, PSIG 967	12 - PSIA 979	Days Shut-In 11	Shut-In Pressure, Tubing, PSIG 967
Flowing Pressure, P 146	12 - PSIA 158		Working Pressure, Pw, PSIG 153
Temperature, T 52	.85	Fpv (From Tables) 1.015	Gravity .640

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = 14.1605 \times 158 \times 1.0078 \times .9682 \times 1.015$$

2216 MCF/D



$$Q = \left(\frac{P_s^2 - P_x^2}{P_s^2} \right)^n$$

$$Q = \left(\frac{958,441 - 931,216}{958,441} \right)^n (1.0292)^{.85} \times 2216 = 1.0248 \times 2216$$

Act 2271 MCF/D

Unloaded liquid through tubing for approximately
5 minutes at the start of the test.

TESTED BY R. A. Ullrich

ATTENDED BY

By: R. A. Ullrich
L. D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

ARTIFICIAL DISTRICT OFFICE

NO. 1014 P. 1014

Transporter

File

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