

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADUAL COMPLETIONDATE July 18, 1957

Operator El Paso Natural Gas Company		Lease Rincon Unit No. 97	
Location 1650'S, 990'W, Sec. 18-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Wildcat	
Casing: Diameter 7-5/8"	Set At: Feet 3358	Tubing: Diameter 1-1/4	Set At: Feet 3208
Pay Zone: From 3184	To 3216	Total Depth: 5656 - c/o 5570	
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant: C 12.365		5-1/2" liner - 3295-5651
Shut-In Pressure, Casing, PSIG 1013 PC	12 - PSIA 1025	Days Shut-In 9	Shut-In Pressure, Tubing, PSIG 1013 PC
Flowing Pressure: P, PSIG 95	12 - PSIA 107		Working Pressure: Pw, PSIG 97
Temperature: T, F 60	0.85		Fpv (From Tables) 1.009
			Gravity 0.692

SIPT (MV) - 1079 psig 2" at 5244. Packer at 3339. Sleeve at 3243

CHOKE VOLUME $Q = C \times P_c \times F_c \times F_g \times F_{pv}$

$$Q = 12.365 \times 107 \times 1.00 \times .9325 \times 1.009 = 1245 \text{ MCF/D}$$

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

$$Aof = \left(\frac{1,050,625}{1,038,744} \right)^n \quad 1.0114^{.85} \times 1245 = 1.0097 \times 1245$$

Aof 1257 MCF/DTESTED BY S. V. Roberts

WITNESSED BY

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

By: J. F. Kendrick

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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