

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 1, 1956

Operator El Paso Natural Gas Company	Lease Rincon #65
Location 990S, 1650E, Sec. 23-27-7	County Rio Arriba
Section Pictured Cliffs	State New Mexico
Completion Date 5 1/2	Well Name South Blanco Pictured Cliffs
Set At Feet 3198	Tubing Diameter 2"
Perforation Depth 3112	Set At Feet 3129
Stimulation Material Sand water frac.	Total Length 3200; c/o 3160
	Flow Through Tubing X

Choke Size, Inches 0.75	Choke Constant 14.1605
Surface Pressure, PSIG 954	Surface Pressure, PSIA 966
Flowing Pressure, PSIG 408	Flowing Pressure, PSIA 420
Temperature, °F 45	Gravity .85
	Working Pressure, PSIG 838
	Working Pressure, PSIA 850
	Flow Through Tubing 1.048
	Flow Through Tubing .650

CHOKED FLOW EQUATION: $C \times P_1 \times F_1 \times F_2 \times F_3$

$$C = 14.1605 \times 420 \times 1.0147 \times .9608 \times 1.048$$

6077

MCF/D

CHOKED FLOW EQUATION:

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

$$\left(\frac{933,156}{210,656} \right)^{.85}$$

$$4.4297 \times 6077 = 3.535 \times 6077$$

This well was killed with water to run tubing, water blew at intervals during entire 3 hour test period.

21,482

MCF/D

R. A. Ullrich



L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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