

OPEN FLOW TEST DATA

CORRECTED COPY

DUAL COMPLETION

DATE

May 28, 1957

El Paso Natural Gas Company		Dryden No. 3	
990'S, 990'W, Sec. 21-28-8		San Juan New Mexico	
Pictured Cliffs		Undesignated	
Casing Diameter	7 5/8	Tubing Diameter	1 1/4
Perforation Depth	2389	Set At Feet	2252
Flow Zone From	2192	Total Depth	4635 - c/o 4610.
Flow Zone To	2234	Flow Through Casing	Packer at 2453
Flow Zone To		Flow Through Tubing	
Sand Water Frac.		X	

Choke Size, inch	0.75	Choke Constant, C	12.365	5 1/2" liner at 4633
Shut-in Pressure, PSIG	869	Days Shut-in	24	Shut-in Pressure, Tubing PSIG
Flowing Pressure, PSIG	80	Flowing Pressure, Casing PSIG	92	Flowing Pressure, Tubing PSIG
Temperature, F	66	Gravity	.85	Gravity
			1.009	

Starting SIPT (Mesa Verde) - 1072 psig. Final SIPT (Mesa Verde) - 1072 psig

CHOKED FLOW EQUATION: $Q = C \sqrt{\frac{P_1 - P_2}{L}}$

$$12.365 \times 92 \times .9943 \times .9608 \times 1.009$$

1097

MCF/D

$$Q = C \sqrt{\frac{P_1 - P_2}{L}}$$

$$Q = \left(\frac{776,161}{767,325} \right) \times 1.0115^{.85} \times 1097 - 1.00975 \times 1097$$

1108

MCF/D

R. A. Ullrich

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

L. D. Galloway
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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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