FORM 23-75 (6-56)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE November 4, 1958

Operator: El Paso Natural Gas		Lease: Lindsey No. 2 (O.W.W.O.)	
Location: 790N, 1450E; 11-30-9		County: San Juan	State: New Mexico
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 7	Set At: Feet: 4315	Tubing: Diameter: 2	Set At: Feet: 5032
Pay Zone: From: 4432	To: 5036	Total Depth: c/o 5068	Shut in 10/27/58
Stimulation Method: Sand Water Frac.		Flow Through Casing:	Flow Through Tubing: X

Choke Size, Inches: .75	Choke Constant: C: 12.365	5-1/2 liner 4202 - 5088	
Shut-In Pressure, Casing, PSIG + 12 = PSIA: 881	893	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG + 12 = PSIA: 728 / 740
Flowing Pressure: P PSIG + 12 = PSIA: 354	366	Working Pressure: Pw PSIG + 12 = PSIA: 794	806
Temperature: T °F: .74	n: .75	Fpv (From Tables): 1.035	Gravity: .661

CHOKE VOLUME: Q = C x P_t x F_t x F_g x F_{pv}

Q = 12.365 x 366 x .9868 x .9535 x 1.035 = 4407 MCF D

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

Aof = $\left(\frac{797449}{147813}\right)^n$ $5.3949^{.75}$ (4407) = 3.5400 (4407) =

Aof = 15,600 MCF D

RECEIVED
NOV 10 1958
OIL CON. COM.
DIST. 3

TESTED BY: M. W. Rischard

WITNESSED BY:

Lewis D. Galloway

L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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