

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 10, 1958

Company El Paso Natural Gas	Lease Jicarilla 10-G
Location 790S, 790E; 14-26-5	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco
Flowing Casing 5-1/2 Set At: Feet 3376	Tubing Diameter 1-1/4 Set At: Feet 3314
Flowing Pressure 3264 Test 3318	Total Depth c/o 3336
Shut-in Pressure Sand Water Frac.	Flow Through Casing X
	Shut in 10/23/58

Choke Size .75	Choke Constant C 12.365	Shut-in Pressure Casing 1059	PSIG 12 PSIA 1071	Days Shut-In 18	Shut-in Pressure Tubing 1059	PSIG 12 PSIA 1071
Flowing Pressure 214	PSIG 12 PSIA 226	Flowing Pressure 214	PSIG 12 PSIA 226	Flowing Pressure 214	Flowing Pressure 225	PSIG 12 PSIA 237
Temperature 60	Gravity .85	Temperature 60	Gravity .85	Temperature 60	Temperature 1.023	Gravity .660

CHOKED VOLUME $Q = C \times P_r \times F_g \times F_{pr}$

$$C = 12.365 \times 226 \times 1.000 \times .9535 \times 1.023$$

2726

MCF/D

$$Q = A_{sf} \left(\frac{P_r^2 - P_w^2}{P_a^2 - P_w^2} \right)^n$$

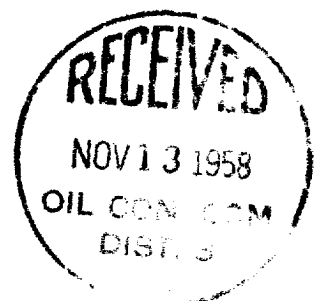
$$A_{sf} = \left(\frac{1147041}{1090872} \right)^n$$

$$(1.0514)^{.85} (2726) = (1.0435)(2726)$$

A_{sf} 2845 MCF/D

D. K. Bryant

Virgil Stoabs



Lewis D. Galloway
L. D. Galloway

DATE: 11/15/1964

A blank, lined page from a notebook. The page is heavily stained and discolored, with a large, dark, irregular mark near the bottom center. The page is ruled with horizontal lines and a vertical margin line on the right side. The paper has a yellowish, aged appearance. There are some faint, illegible markings at the top, possibly from the reverse side or a previous page. The overall texture is grainy and worn.