

OPEN FLOW TEST DATA

DATE **May 14, 1959**

Operator El Paso Natural Gas	Lease San Juan 30-6 No. 29
Location 890N, 1460E; 12-30-6"	County Rio Arriba State New Mexico
Formation Mesa Verde	Flow Blanco
Flowing Casing Pressure 7-5/8 Set At: Feet 3492	Tubing Casing Pressure 2" Set At: Feet 5660
Flow Zone From 5278 To 5680	Test 5808 c/o 5700 Shut in 5/7/59
Stimulant Sand Water Frac.	Flow Through X

Choke Size, inch .75	Choke Constant 12.365	5-1/2 liner 3445-5812
Shut-in Pressure, PSI 1114	PSIG 12 PSIA 1126	Days 7
Flowing Pressure, PSI 267	PSIG 12 PSIA 279	Working Pressure, PSI 663
Temperature, F 72	Gravity .75	Flowing Pressure, PSI 675
		Flowing Pressure, PSI 1.023

CHOKE VOLUME $Q = C \times P_s \times F_g \times F_v$
 $Q = 12.365 \times 279 \times .9887 \times .9759 \times 1.023$ **3,405** MCF/D

OPEN FLOW Aof $\left(\frac{P_s^2 - P_w^2}{P_s - P_w} \right)^n$

Aof $\left(\frac{1276900}{821275} \right)^n$

$1.5547^{.75} \times 3405 = 1.3920 \times 3405$

Aof **4740** MCF/D

TESTED BY **R. R. Davis**

WITNESSED BY



Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE

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