

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE June 9, 1958

Company El Paso Natural Gas Company	Lease San Juan 28-7 Unit 82 (P)
Location 1190N, 1190E, 4-27-7	County Rio Arriba
Section Pictured Cliffs	State New Mexico
Well Name 7-5/8	Undesignated
Set At: Feet 3453	Tubing Diameter 1-1/4
Set At: Feet 3356	Set At: Feet 3363
Flow Through Tubing X	Flow Through Tubing BeShut-in 5/19/58
Sand Water Frac	

Choke Size, Inches .75	Stroke Constant 12.365	5-1/2" liner 3409 - 5718
Shut-in Pressure, PSIG (PC) 1074	PSIG - 12 - PSIA 1086	Shut-in Pressure, Tubing (PC) 1079
Flowing Pressure, PSIG 139	PSIG - 12 - PSIA 151	Flowing Pressure, PSIG 145
Temperature 62	Gravity .85	Flowing Pressure, PSIG 157
		Flowing Pressure, PSIG 1.012

Initial SIPT (MV) = 1070 PSIG, Packer at 3469
Final SIPT (MV) = 1069 PSIG, 2" at 5653

CHOKE VOLUME Q C x P₁ x P₂ x P₃ x P₄

12.365 (151)(.9981)(.9918)(1.012)

1870

MCF D

OPEN FLOW ACT Q

$$\left(\frac{P_1 - P_2}{P_3 - P_4} \right)^n$$

ACT

$$\left(\frac{1,190,281}{1,165,632} \right)^n$$

$(1.0211)^{.85} (1870) = (1.0179)(1870)$

ACT 1903

MCF D

R. R. Davis

Fred Cook N.M.O.C.C.

Lewis D. Galloway
L. D. Galloway