

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE April 16, 1958

Operator El Paso Natural Gas		Lease Florence No. 11-D (M)	
Location 1460N, 1700E; 18-27-8		County San Juan	State New Mexico
Formation Nesa Verde		Pool Blanco	
Casing Diameter 7-5/8"	Set At: Feet 4900	Tubing: Diameter 2"	Set At: Feet 5254
Pay Zone: From 5132	To 5264	Total Depth: 5312	Shut-in 2/28/58
Stimulation Method Sand Water Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches .75		Choke Constant: C 12.365		5-1/2" liner 4849 to 5311	
Shut-In Pressure, Casing, PSIG 802 (PC)	PSIG 814	PSIA 47	Days Shut-In 47	Shut-In Pressure, Tubing, PSIG 1062 (MV)	PSIG 1074
Flowing Pressure, P 333	PSIG 345	PSIA 345		Working Pressure: Pw Calculated	PSIG 682
Temperature, T 65	F 75			Fov From Tables 1.040	Gravity .709

Initial SIPC (PC) 802 PSIG Pkr. at 4874

Final SIPC (PC) 804 PSIG 1-1/4 at 2868

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_v$ $C = 12.365 \times 345 \times .9952 \times 0.9225 \times 1.040$

4073 MCF/D

$$\text{OPEN FLOW } A_{of} = \left(\frac{P_1^2 - P_w^2}{P_1^2} \right)^n$$

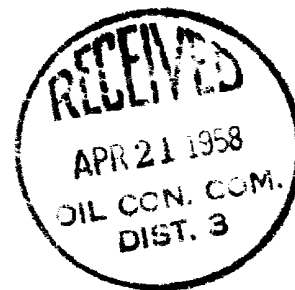
$$A_{of} = \left(\frac{1153476}{688352} \right)^n$$

$$(1.6757)^{.75} \times 4073 = 1.4730 \times 4073$$

Aof 6000 MCF/D

Tested By: Jess GoodwinWitnessed By: S. V. RobertsChecked By: S. V. Roberts

Lewis D. Galloway
L. D. Galloway



CONSERVATION

MISSION

OF THE

1903

1

1

1

1

✓