

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE **September 5, 1958**

Operator El Paso Natural Gas		Lease Jicarilla 4-C (M)	
Location 1640N, 1600E; 16-25-4		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco MV	
Casing: Diameter 7-5/8	Set At: Feet 3976	Tubing: Diameter 2"	Set At: Feet 6028
Pay Zone: From 5764	To 6236	Total Depth: 6210 c/o 6130	shut-in 8/15/58
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 3921 - 6159	
Shut-In Pressure, Casing, PSIG 959 (PC)	- 12 = PSIA 971	Days Shut-In 21	Shut-In Pressure, Tubing PSIG 872 (MV)	- 12 = PSIA 884	
Flowing Pressure: P PSIG 94	- 12 = PSIA 106		Working Pressure: Pw PSIG Calc.	- 12 = PSIA 600	
Temperature: T F 66			Fav (From Tables) 1.009	Gravity 650	

Initial SIPC (PC) = 959

Packer at 3877

Final SIPC (PC) = 964

CHOKE VOLUME = $Q = C \times P_r \times F_v \times F_g \times F_{ov}$

$$Q = 12.365 \times 106 \times 9608 \times 1.009 \times 9943$$

1263 MCF/D

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

$$A_{of} = \left(\frac{781456}{421456} \right)^n = \frac{1.854}{1.589}$$

A_{of} 2007 MCF/DTESTED BY Richard Proctor

WITNESSED BY

Checked By Tom B. Grant

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION

	NO. COPIES	
Operator		
State Fe	1	
Oil Conservation Office		
State Land Office		
U.S.G.S.	1	
Transporter		
File	1	✓