

OPEN FLOW TEST DATA

CORRECTED COPY

DUAL COMPLETION

DATE August 5, 1960

Operator El Paso Natural Gas Co.	Lease San Juan 27-5 No. 56 (M)
Location 1650g, 990W; 34-27N-5W	County Rio Arriba State New Mexico
Formation Mesaverde	Well Blanco MV
Casing Diameter 7-5/8 Set At Feet 3430	Tubing Diameter 2" Set At Feet 5527
Pay Zone Feet 4874 To 5550	Total Depth 5626 c/o 5571 Depth 7/16/60
Stimulation Method Sand Water Frac.	Flow Through Casing X

Stroke Length, ft. .75	Stroke Volume, cu ft. 12.365	5-1/2" liner from 3349 to 5624 Baker "EGJ" Prod. Packer at 3400'.
Shut-in Pressure, P _{sh} , PSIA 1004 (PC)	Flowing Pressure, P _w , PSIA 198	Shut-in Pressure, P _{sh} , PSIA 953 (MV)
Temperature, T, °F 66	Pressure Gradient, G, psi/ft. .9943	Working Pressure, P _w , PSIA Calc. 392
		Exp. From Tables 1.019

Initial SIPT (PC) = 1003 psig

Final SIPC (PC) = 1009 psig

$$Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$$

$$12.365 \times 198 \times .9943 \times .9463 \times 1.019$$

2347

WCF D

$$Q = C \times \left(\frac{P_1}{P_2} \right)^n$$

$$Q = C \times \left(\frac{931225}{777561} \right)^n$$

$$1.1976^{.75} \times 2347 = 1.1449 \times 2347$$

Blew down - first 5 min. Unloaded, then continued blowing light spray - sweet gas

A.H. 2687

WCF D



Lewis D. Galloway
L. D. Galloway

Frank Clark

Checked By T. B. Grant