

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE January 12, 1961

Operator El Paso Natural Gas Company	Lease Turner-Federal No. 1 (MV) (OWWO)
Location 990'N, 990'E, Sec. 28-30N-9W	County San Juan State New Mexico
Formation Mesa Verde	Pool Blanco MV
Casing Diameter 5-1/2" Set At Feet 4945	Tubing Diameter 2-1/16" Spang Seal Set At Feet 4848
Pay Zone From 4221 To 4881	Total Depth 4960 c/o 4914 Shot In 1-3-61
Stimulation Method Sand/Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, Inches .750	Choke Constant, C 12.365	Baker Model "D" Prod. Pkr. at 4087
Shut-In Pressure, PSIA 1006 (PC)	PSIG 12 PSIA 1018 Days Shut-In 9	Shut-In Pressure, Tubing PSIG 12 PSIA 934
Flowing Pressure, PSIG 289	PSIG 12 PSIA 301	Working Pressure, Pw PSIG 12 PSIA 753
Temperature 67	.9933 0.75	Calc. 741 Equiv. From Tables 1.028 Gravity .650 .9608

Initial SIPT = 1008 psig (PC)

Final SIPC = 1009 psig (PC)

CHOKE VOLUME $Q_c = P_c \times F_c \times F_g \times F_v$

$$Q_c = (12.365)(301)(.9933)(.9608)(1.028)$$

3651

MCF/D

$$Q_o = A_o \left(\frac{P_c^2 - P_w^2}{P_c^2} \right)^n$$

$$Q_o = \left(\frac{872356}{305347} \right)^n (2.8569)^{.75} (3651) = (2.1980)(3651)$$

8025

MCF/D

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