

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA



DUAL COMPLETION

DATE **March 30, 1960**

Operator El Paso Natural Gas Company	Lease Schwerdtfeger No. 1-A (P) OWWO
Location 990S, 990W; 36-28-9	County San Juan State New Mexico
Format Pictured Cliffs	Well South Blanco
Casing Diameter 7 Set At Feet 3900	Tubing Diameter 1-1/4 Set At Feet 2132
Pay Zone 2099 To 2138	Total Depth 4650 x/o 4614 Shut in 3/8/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, Inches .75	Choke Constant, C 12.365
Shut-in Pressure, Casing 761 PSIG - 12 - PSIA	Days Since 21
Working Pressure, Casing 367 PSIG - 12 - PSIA	Shut-in Pressure, Tubing 761 PSIG - 12 - PSIA
Temperature 66	Working Pressure, Tubing 380 PSIG - 12 - PSIA
.9943	Specific Gravity 1.035 Est .642 Gg .9682

Initial SIPT (M) = 993 psig
Final SIPT (M) = 995 psig

Baker Model "N" packer at 4225

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$Q = 12.365 \times 379 \times .9943 \times .9682 \times 1.035$

4669

MCF D

OPEN FLOW $Q = \left(\frac{P_1}{P_2} \right)^n$

$Q = \left(\frac{597529}{443865} \right)^n$

$1.3461^{.85} \times 4669 = 1.2875 \times 4669$

WT 6011 MCF D

D. Mortensen

Checked By W. D. Dawson

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