

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE December 11, 1962

Operator El Paso Natural Gas Company	Lease San Juan Unit 29-6 No. 35 (DK) (OWWO)
Location 890'S, 1090'W, Sec. 15-29-6	County Rio Arriba State New Mexico
Formation Dakota	Pool Basin
Casing Diameter 7.000 Set At Feet 7521	Tubing Diameter 2.375 Set At Feet 7747
Day Run 7688	Total Depth 7815 Shut In 12-4-62
Stimulation Sand/Water Frac.	Flow Through Casing X Flow Through Tubing X

Casing Size, inches .75	Area, sq. in. 12.365	5" Liner 7456 to 7853 Baker Mod. "D" set at 7130'.
Annular Pressure Loss (MV) 829	Area, sq. in. 841	PSIG 12 PSIA 1821
Flowing Pressure, P 125	Flow, gpm 137	Area, Pressure Flow 301
Temperature 67	Gravity .9933	Gravity .680
		.9393

Initial SIPT (MV) = 831 psig
Final SIPC (MV) = 832 psig

$$(12.365)(137)(.9933)(.9393)(1.014)$$

1603

MCF/D

$$\left(\frac{3,316,041}{3,225,440} \right)^n$$

$$\left(\frac{3,316,041}{3,225,440} \right)^n$$

$$(1.0280)^{.75}(1603) = (1.0209)(1603)$$

NOTE: Well blew a lot of sand and a light spray of water and distillates throughout the test.

1637

MCF/D

Dannie Roberts

Calculated by: ~~Robertson~~ T. B. Grant

Checked by: W. D. Dawson

Lewis D. Galloway
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