

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 13, 1962

Operator El Paso Natural Gas Company		Lease San Juan 27-5 No. 8 (PC) (OWWO)	
Location 1650'S, 1090'W, Sec. 32-27-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 7.000	Set At: Feet 4800	Tubing: Diameter 1.660	Set At: Feet 3189
4.500 Liner at	4587 - 5525		
Pay Zone: From 3238	To 3284	Total Depth: 5525	Shut In 10-21-62
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 12.365	Otis Type "F" removable pack-off anchor from 2380 to 2390 ft. Guiberson Type "A" Pkr. at 4435'.	
Shut-In Pressure, Casing, (PC) 857	PSIG - 12 PSIA 887	Days Shut-In 20	Shut-In Pressure, Tubing (PC) 875
Flowing Pressure: P 130	PSIG - 12 - PSIA 142		Working Pressure: Pw 135
Temperature: T 62 F	Fr .9981		Gravity .680
	.85		Fg .9393
			Fpv From Tables 1.015

Initial SIPT (MV) = 937 psig

Final SIPT (MV) = 937 psig

CHOKE VOLUME $Q = C \times P_i \times F_r \times F_g \times F_{pv}$

$$Q = (12.365)(142)(.9981)(.9393)(1.015)$$

1671

MCF D

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

$$A_{of} = \left(\frac{786,769}{765,160} \right)^n$$

$$(1.0282)^{.85} (1671) = (1.0240)(1671)$$

NOTE: Blew clear gas for entire test.

NOTE: This test run after workover to eliminate communication between the producing zones.

Act 1711

MCF D

TESTED BY

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WITNESSED BY

Checked by

Tom B. Grant

RECEIVED
NOV 16 1962
OIL CON. COM.
PT 3

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