

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 29, 1962

Operator La Plata Gathering System	Lease SJU 32-5 No. 1X-19 (MV)
Location 1680'S, 734'E, Sec. 19-32-5	County Rio Arriba State New Mexico
Formation Mesa Verde	Pool Blanco
Casing Diameter 7.625 Set At Feet 5751	Tubing Diameter 1.900 Set At Feet 5385
Flow Zone: From 5378 To 5716	Total Depth: PBTD 7950 Shut In 11-21-62
Stimulation Method Sand Water Frac.	Flow Through Casing X

Choke size, inches .75	Choke Constant, C 12.365	Baker Model "D" Packer at 7780
Shut-In Pressure, Casing, PSIG 1257 (MV)	PSIG - 12 - PSIA 1269	Shut-In Pressure, Tubing, PSIG - 12 - PSIA 1257 (MV)
Flowing Pressure, P 202	PSIG - 12 - PSIA 214	Working Pressure: Pw, PSIG - 12 - PSIA 831
Temperature 67	Gravity .9933	Flow (From Tables) 1.017
		Flow Through Tubing .600 Eq 1.0000

Initial SIPT (DK) 1105 psig

Final SIPT (DK) 1130 psig

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

$$Q = (12.365)(214)(.9933)(1.0000)(1.017)$$

2673

MCF/D

$$P_{1/2} = P_w \left(\frac{1}{P_1} + \frac{1}{P_2} \right)^n$$

$$A_{sf} = \left(\frac{1.610,361}{899,712} \right)^n$$

$$(1.7898)^{.75} (2673) = (1.5472)(2673) =$$

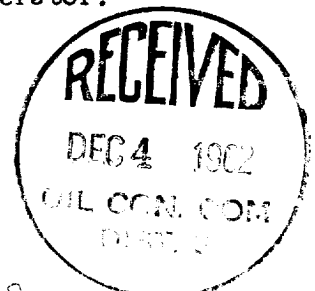
NOTE: Tested through 1 1/2" tubing
at request of operator.

A_{sf} 4136

MCF/D

Tom B. Grant (EPNG)

Oliver Towell (La Plata)



Lewis D. Galloway
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