

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 6, 1967

Operator El Paso Natural Gas Company		Lease Huerfano Unit No. 122	
Location 890'S, 890'E, Sec. 26, T-26-N, R-10-W		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6753	Tubing: Diameter 2.375	Set At: Feet 6693
Pay Zone: From 6633	To 6717	Total Depth: 6753	Shut In 3-21-67
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

METER		METER		METER	
Choke Size, Inches 2 1/2" Plate; 4" M.R.		Choke Constant: C 33.2928		Tested thru 3/4" variable choke	
Shut-In Pressure, Casing, PSIG 1795	+ 12 = PSIA 1607	Days Shut-In 77	Shut-In Pressure, Tubing PSIG 1831	+ 12 = PSIA 1843	
Flowing Pressure: P meter 219; W.H. 631 PSIG	+ 12 = PSIA Meter 231; W.H. 643		Working Pressure: P _w PSIG 1265	+ 12 = PSIA 1276	
Temperature: T = 60 °F F = 1.0000	n = .75		F _{pv} (From Tables) 1.026	Gravity .700 F _g = 1.1952	

$$\text{CHOKE VOLUME} = Q = C \times P_c \times F_t \times F_g \times F_{pv}$$

$$Q = \text{Calculated from orifice meter reading} = \underline{6064} \text{ MCF/D}$$

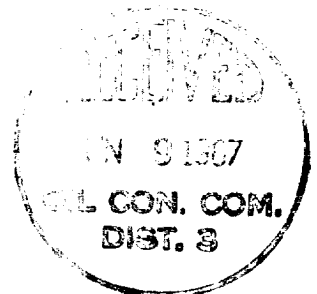
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{3396649}{1763365} \right)^n$$

NOTE: The well produced 43.3 bbls. of 44.2 gravity oil during the 3 hour test period.

$$Aof = \underline{9915} \text{ MCF/D}$$

TESTED BY R. F. Hendrick
CHECKED T. B. Grant
INTERPRETED BY T. B. Grant



R. F. Hendrick
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