

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 30, 1956

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #39	
Location 800N, 1490E, Sec. 26-32-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5 1/2	Set At: Feet 6259	Tubing Diameter 2"	Set At: Feet 6185
Prod Zone: From 5658	To 6197	Total Depth: TD 6259; c/o 6215	
Stimulation Method Sand water frac		Flow Through Casing	Flow Through Tubing X

Choke Size, inches 0.750		Choke Constant: C 14.1605	
Shut-In Pressure, Casing, PSIG 1022	- 12 = PSIA 1034	Days Shut-In 13	Shut-In Pressure, Tubing PSIG 1022
Flowing Pressure: P PSIG 319	- 12 = PSIA 331	Working Pressure: Pw PSIG 870	- 12 = PSIA 882
Temperature: T 65	Flowing Pressure: P PSIG 331	Fpv (From Tables) 1.034	Gravity 670 (est.)

CHOKE VOLUME = $Q = C \times P_r \times F_v \times F_g \times F_{pv}$

$Q = (14.1605) (331) (.9952) (.9463) (1.034) = 4564$ MCF/D

OPEN FLOW Adj Q $\left(\frac{P_r^2}{P_c^2 - P_w^2} \right)^n$

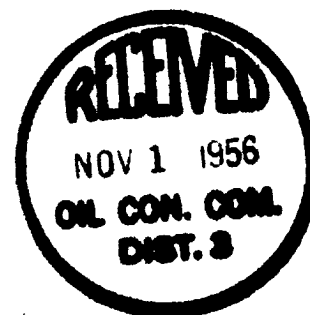
Adj $\left(\frac{1,069,156}{291,232} \right)^n (3.671)^{.75} Q = 2.65 (4564)$

Adj **12,095** MCF/D

INITIAL BY **D. C. Adams**

WITNESSED BY

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