

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE September 13, 1956

Operator El Paso Natural Gas Company		Lease Rincon Unit #66	
Location 1645N, 990E, Sec. 22-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 5 1/2	Set At: Feet 3165	Tubing: Diameter 2"	Set At: Feet 3039
Pay Zones: From 3015	To 3050	Total Depth: 3166; c/o 3131 -	
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: Tubing, PSIG 1025	PSIA 1037	Days Shut-In 8	Shut-In Pressure: Tubing, PSIG 1025
Flowing Pressure: P, PSIG 324	PSIA 336		Working Pressure: P _w , PSIG 764
Temperature, T, °F 66°	F _g 0.85		Gravity 0.635 (est.)
		F _{pv} (From Tables) 1.030	

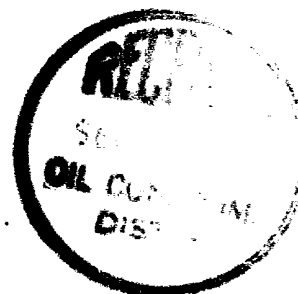
CHOKE VOLUME $Q = C \times P_1 \times F_g \times F_{pv}$

$$C (14.1605) (336) (.9943) (.9721) (1.030) = 4737 \text{ MCF/D}$$

$$Q = A \left(\frac{P_1^2 - P_w^2}{P_1^2} \right)^n$$

$$A = \left(\frac{1,075,369}{473,193} \right)^n (2.2726)^{.85} Q = 2.012 Q$$

$$A = 9531 \text{ MCF/D}$$

By D. C. AdamsWitnessed by By Tom Grant
L. D. Galloway
 L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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