FORM 23-75R (REV. 1-63)

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE ___9-8-70___

Operator	Lease	
El Paso Natural Gas Comapny	Grambling C No. 7	
Location	**County**	**State**
890 N, 1000 E, S 12, T30N, R10W	San Juan	New Mexico
Formation	**Pool**	
Pictured Cliffs	Blanco	

Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
2.875	3162	no tubing	
Pay Zone: From	**To**	**Total Depth:**	**Shut In**
3060	3072	3162	8-28-70
Stimulation Method		**Flow Through Casing**	**Flow Through Tubing**
S W F		XX	

Choke Size, Inches	Choke Constant: C		tubingless completion		
.750	12.365				
Shut-In Pressure, Casing, PSIG	**+ 12 = PSIA**	**Days Shut-In**	**Shut-In Pressure, Tubing** PSIG	**+ 12 = PSIA**	
852	864	11	no tubing		
Flowing Pressure: P PSIG	**+ 12 = PSIA**		**Working Pressure: Pw** PSIG	**+ 12 = PSIA**	
224	236		Calc.	299	
Temperature:	**n =**		**Fpv (From Tables)**	**Gravity**	
T= 67 °F Ft = .9933	.85		1.021	.649 Fg = .9615	

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

$$Q = (12.365)(236)(.9933)(.9615)(1.021) = \underline{\quad 2846 \quad} \text{ MCF/D}$$

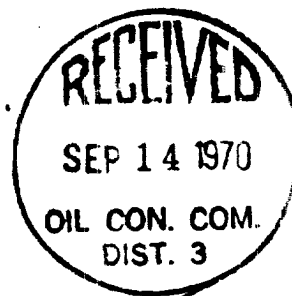OPEN FLOW = $A_{of} = Q \left(\dfrac{P_c^2}{P_c^2 \quad P_w^2} \right)^n$

Note: Well blew dry gas throughout test.

$$A_{of} = \left(\dfrac{746496}{657095} \right)^n = (1.1360)^{.85}(2846) = (1.1144)(2846)$$

$A_{of} = \underline{\quad 3172 \quad}$ MCF/D

RECEIVED
SEP 14 1970
OIL CON. COM.
DIST. 3

TESTED BY ___D. R. Roberts___

WITNESSED BY _____

H. L. Kendrick