FORM C-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE January 30, 1974

Operator: El Paso Natural Gas Company		Lease: Rincon Unit #134	
Location: 800/N, 1800/E, Sec. 12, T26N, R7W		County: Rio Arriba	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 7378'	Tubing: Diameter: 2.375	Set At: Feet: 7256'
Pay Zone: From: 7038	To: 7277	Total Depth: 7378 PBTD 7360	Shut In: 12-21-73
Stimulation Method: Sandwater Frac		Flow Through Casing	Flow Through Tubing: XX

~~Meter~~ Orifice Size, Inches: 4" MR 2.50		Choke Constant: C: 32.64		Well tested thru 3/4" Variable choke	
Shut-In Pressure, Casing, PSIG: 2390	+ 12 = PSIA: 2402	Days Shut-In: 9	Shut-In Pressure, Tubing PSIG: 2390	+ 12 = PSIA: 2402	
Flowing Pressure: P PSIG: 566	+ 12 = PSIA: 578		Working Pressure: P_w PSIG: 982	+ 12 = PSIA: 994	
Temperature: T= 60 °F Ft= 1.000	n = .75		Fpv (From Tables): 1.062	Gravity: .650 Fg= .9608	

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

Q = Calculated from meter readings = 2330 MCF/D

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

$$\text{Aof} = Q \left(\frac{5769604}{4781568} \right)^n = 2330(1.2066)^{.75} = 2330(1.1513)$$

RECEIVED FEB 1 1974

Aof = 2682 MCF/D

Note: Well produced 26.25 bbls of 52.206 gravity oil.

TESTED BY Rhames & Norton

WITNESSED BY _____

Loren W. Fothergill

Loren W. Fothergill
Well Test Engineer