

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE 4-1-70

Operator El Paso Natural Gas Co.		Lease Scott No. 6 OMLD	
Location 1750S, 1650W, S-4, T31N, R10W		County San Juan	State New Mexico
Formation SV		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5417	Tubing: Diameter 2.375	Set At: Feet 5321
Pay Zone: From 4506	To 5362	Total Depth: 5417	Shut In 3-22-70
Stimulation Method GEL		Flow Through Casing	Flow Through Tubing XXX

Choke Size, Inches 4" OR 2.750 orifice		Choke Constant: C 41.9208		well tested thru 3/4" variable choke	
Shut-In Pressure, Casing, PSIG 782	+ 12 = PSIA 794	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 486	+ 12 = PSIA 500	
Flowing Pressure: P PSIG 294 WH 72 MR	+ 12 = PSIA 306 WH 84 MR		Working Pressure: Pw PSIG 653	+ 12 = PSIA 665	
Temperature: T = 82 °F Ft = .9795	n = .75		Fpv (From Tables) 1.008	Gravity .670 Fg = 1.0217	

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

Q = Calculated from orifice meter readings = 2,701 MCF/D

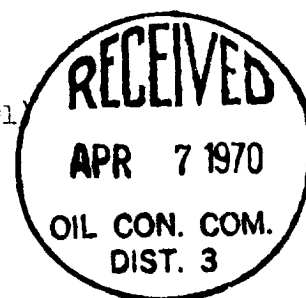
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

Note: the well produced 45.5 bbls of 38.3 API Gravity oil during the test.

$$Aof = \left(\frac{630436}{188211} \right)^{n \cdot .75} = (3.3496)^{.75} (2701) = (2.4760)(2701)$$

Aof = 6,688 MCF/D

CRITICAL LEASE
RE-CONNECT IMMEDIATELY



TESTED BY J. B. Goodwin

WITNESSED BY _____

J. B. Goodwin