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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE July 29, 1966

Operator: El Paso Natural Gas Company		Lease: Florance No. 6	
Location: 1640'S, 1550'E, Sec. 24, T-30-N, R-10-W		County: San Juan	State: New Mexico
Formation: Pictured Cliff		Pool: Undesignated	
Casing: Diameter: 2.875	Set At: Feet: 3013	Tubing: Diameter: No Tubing	Set At: Feet: ---
Pay Zone: From: 2924	To: 2972	Total Depth: 3035	Shut In: 7-22-66
Stimulation Method: Sand Water Frac.		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-in Pressure, Casing, PSIG: 992	+ 12 = PSIA: 1004	Days Shut-in: 7	Shut-in Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: ---	
Flowing Pressure: P PSIG: 162	+ 12 = PSIA: 174		Working Pressure: Pw PSIG: Calc.	+ 12 = PSIA: 218	
Temperature: T=65 °F Ft= .9952	n = .85		Fpv (From Tables): 1.017	Gravity: .660 Fg = .9535	

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

$Q = (12.365)(174)(.9952)(.9535)(1.017) = 2,076$ MCF/D

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

$Aof = \left(\frac{1,008,016}{960,492} \right)^n = (2076)(1.0494)^{.85} = (2076)(1.0418)$

Aof = 2163 MCF/D

RECEIVED
AUG 2 1966
OIL CON. COM.
DIST. 3

TESTED BY Don Norton
Calculated
WITNESSED BY Hermon E. McAnally

Checked by: Tom B. Grant

H. L. Kendrick