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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 12, 1967

Operator: El Paso Natural Gas Company		Lease: Allison Unit No. 28	
Location: 1050'S, 875'W, Sec. 14, T-32-N, R-7-W		County: San Juan	State: New Mexico
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 4.500	Set At: Feet: 6275	Tubing: Diameter: 2.375	Set At: Feet: 6067
Pay Zone: From: 6013	To: 6082	Total Depth: 6275	Shut In: 10-5-67
Stimulation Method: Sand Water Frac		Flow Through Casing:	Flow Through Tubing: X

Choke Size, Inches: .750		Choke Constant: C: 12.365			
Shut-In Pressure, Casing, PSIG: 1064	+ 12 = PSIA: 1076	Days Shut-In: 7	Shut-In Pressure, Tubing PSIG: 1048	+ 12 = PSIA: 1060	
Flowing Pressure: P PSIG: 354	+ 12 = PSIA: 366		Working Pressure: P_w PSIG: 903	+ 12 = PSIA: 915	
Temperature: T= 73 °F	Ft= .9877	n = .75	Fpv (From Tables): 1.034	Gravity: .650	Fg = .9608

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

$Q = (12.365)(366)(.9877)(.9608)(1.034) = 4441$ MCF/D

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

$Aof = \left(\frac{1157776}{320551} \right)^n = (4441)(3.6118)^{.75} = (4441)(2.6199)$

NOTE: The well produced clear gas throughout the test.

RECEIVED
OCT 17 1967
OIL CON. COM.
DIST. 3

Aof = 11635 MCF/D

TESTED BY Jesse B. Goodwin

CHECKED WITNESSED BY A. J. Loleit

H. L. Kendrick