FORM 23-75 (12-60)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY

DATE May 28, 1975

Operator: El Paso Natural Gas Company		Lease: San Juan 32-9 Unit #84 (PC)	
Location: 900/S, 1460/W, Sec. 14, T31N, R10W		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Undes	
Casing: Diameter: 4.500	Set At: Feet: 3195'	Tubing: Diameter: 1.900	Set At: Feet: 3075'
Pay Zone: From: 3050	To: 3074'	Total Depth: 3195' PBTD 3183'	Shut In: 5-12-75
Stimulation Method: Sandwater Frac		Flow Through Casing	Flow Through Tubing: XX

Choke Size, Inches: .750		Choke Constant: C: 12.365		Packer set at 1216'	
Shut-In Pressure, Casing, PSIG: --	+ 12 = PSIA: --	Days Shut-In: 16	Shut-In Pressure, Tubing PSIG: 900	+ 12 = PSIA: 912	
Flowing Pressure: P PSIG: 248	+ 12 = PSIA: 260		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 658	
Temperature: T= 60 °F	Ft=1.000	n = .85	Fpv (From Tables): 1.023	Gravity: .635	Fg=0.9721

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

$Q = (12.365)(260)(1.0000)(0.9721)(1.023) =$ 3197 MCF/D

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

$Aof = Q \left(\frac{831744}{398780} \right)^n = 3197(2.0857)^{.85} = 3197(1.8680)$

RECEIVED JUN 4 1975 OIL CON. COM. DIST. 3

Aof = 5972 MCF/D

Note: The well produced a dry gas flow. The gas vented during this test was 409.33 MCF.

TESTED BY F. Johnson

WITNESSED BY _____

Well Test Engineer