FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE July 6, 1972

Operator: El Paso Natural Gas Company		Lease: Sunray B No. 7	
Location: 1525'S, 1500'W, Section 15, T30N, R10W		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Blanco Ext.	
Casing: Diameter: 2.875	Set At: Feet: 3106	Tubing: Diameter: Tubingless	Set At: Feet:
Pay Zone: From: 3008	To: 3042	Total Depth: 3106	Shut In: 6-23-72
Stimulation Method: SWF		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: 0.750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 940	+ 12 = PSIA: 952	Days Shut-In: 13	Shut-In Pressure, Tubing PSIG: Tubingless		+ 12 = PSIA
Flowing Pressure: P PSIG: 184	+ 12 = PSIA: 196		Working Pressure: Pw PSIG: Calculated		+ 12 = PSIA: 247
Temperature: T= 64 °F	Ft=.9962	n = .85	Fpv (From Tables): 1.017		Gravity: .635 Fg= .9721

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

$Q = (12.365)(196)(.9962)(.9721)(1.017) =$ 2386 MCF/D

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

$Aof = \left(\frac{906304}{845295} \right)^n = (2386)(1.0722)^{.85} = (2386)(1.0610) =$

Aof = 2533 MCF/D

RECEIVED
JUL 12 1972
OIL CON. COM.
DIST. 3

TESTED BY R. Hardy

WITNESSED BY _____

J. A. Jones