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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE 10-15-69

Operator: El Paso Natural Gas Company		Lease: Huerfano Unit No. 188	
Location: 800 S, 900 W, S-6-T25N-R9W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 7025	Tubing: Diameter: 2.375	Set At: Feet: 6896
Pay Zone: From: 6868	To: 6912	Total Depth: 7025	Shut In: 10-7-69
Stimulation Method: SWF		Flow Through Casing	Flow Through Tubing: xx

Choke Size, Inches: 4" MR, 2.750" Plt.		Choke Constant: C: 41.9208		Well tested thru 3/4" variable choke	
Shut-In Pressure, Casing, PSIG: 1938	+ 12 = PSIA: 1950	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: 1900	+ 12 = PSIA: 1912	
Flowing Pressure: P PSIG: 471 WH, 160 MP	+ 12 = PSIA: 483 WH, 172 MP		Working Pressure: Pw PSIG: 1086	+ 12 = PSIA: 1098	
Temperature: T= 67 °F	Ft= .9933	n = .75	Fpv (From Tables): 1.019	Gravity: .700	Fg = .1952

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = Calc. from orifice meter reading = 5542 MCF/D

Note: Well produced 26.9 Bbl of 63°API Gravity distillate, during test.

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

Aof = $\left(\frac{3802500}{2596896} \right)^n$ = $(1.4642)^{.75}$ 5542 = 1.3311 (5542)

Aof = 7377 MCF/D

RECEIVED
OCT 17 1969
OIL CON. COM.
DIST. 3

TESTED BY D. Roberts & D. Norton

WITNESSED BY _____

O. R. Kneale