FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE 7-13-73

Operator: El Paso Natural Gas Company		Lease: Huerfano Unit 233	
Location: 1500/S, 850/E, Sec 5, T-26N, R-9W		County: San Juan	State: New Mexico
Formation: Gallup		Pool: Angles Peak	
Casing: Diameter: 4 1/2	Set At: Feet: 6072	Tubing: Diameter: 2 3/8	Set At: Feet: 5992
Pay Zone: From: 5710	To: 6010	Total Depth: 6072	Shut In: 4-25-73
Stimulation Method: SWF		Flow Through Casing	Flow Through Tubing: XX

MR orface Choke Size, Inches: 4"	orface 2.750	Choke Constant: C: 41.10		Well tested thru 48/64 choke	
Shut-In Pressure, Casing, PSIG: 980	+ 12 = PSIA: 992	Days Shut-In: 89	Shut-In Pressure, Tubing PSIG: 433	+ 12 = PSIA: 455	
Flowing Pressure: P PSIG: WH 81 MR 24	+ 12 = PSIA: WH 93	MR 36	Working Pressure: P_w PSIG: 358	+ 12 = PSIA: 370	
Temperature: T= 79 °F	Ft= .9822	n = .75	Fpv (From Tables): 1.003	Gravity: .720	Fg= .9129

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

Q = Calculated from meter readings = 376 MCF/D

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

NOTE: Well produced 38 bbls. of 35.3 grav oil.

$Aof = Q \left(\frac{850084}{713184} \right)^n = 376(1.1920)^{.75} = 376(1.1408)$

Aof = 429 MCF/D

RECEIVED
JUL 18 1973
OIL CON. COM.
DIST. 3

TESTED BY BJB and CR

WITNESSED BY

William D Welch

William D. Welch, Well Test Engineer