FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY

DATE January 28, 1975

Operator: El Paso Natural Gas Company		Lease: Pinon Mesa #2	
Location: 1840/S, 1060/W, Sec. 25, T31N, R14W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 6301'	Tubing: Diameter: 2.375	Set At: Feet: 6212'
Pay Zone: From: 6106	To: 6208	Total Depth: 6301' PBTD 6285	Shut In: 1-20-75
Stimulation Method: Sandwater Frac		Flow Through Casing	Flow Through Tubing: XX

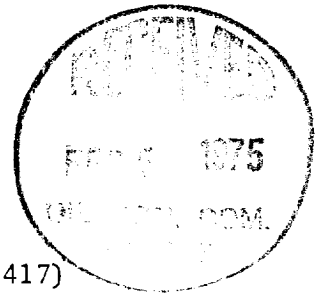
Choke Size, Inches: 2.500 Plate, 4" M.R.	Choke Constant: C: 32.64	Well tested thru a 3/4" variable choke.	
Shut-In Pressure, Casing, PSIG: 1807	+ 12 = PSIA: 1819 / Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: 1520	+ 12 = PSIA: 1532
Flowing Pressure: P PSIG: 94 Meter, 260 W.H.	+ 12 = PSIA: 106 Meter, 272 W.H.	Working Pressure: P_w PSIG: 720	+ 12 = PSIA: 732
Temperature: T= 63 °F Ft= 0.9971	n = .75	Fpv (From Tables): 1.009	Gravity: 0.650 Fg = 1.240

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

Q = Calculated from orifice meter readings = 3946 MCF/D

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

$Aof = Q \left(\frac{3308761}{2772937} \right)^n = 3946(1.1932)^{.75} = 3946(1.1417)$



Aof = 4505 MCF/D

Note: The well produced no oil and 1 Bbl of water during the test.

TESTED BY Hardy & Rhames

WITNESSED BY

J. E. McAnally

Well Test Engineer