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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY DATE 10-27-66

Operator: El Paso Natural Gas Company		Lease: Burroughs Com "C" No. 5	
Location: 1830'N, 1730'E, Sec. 2, T-27-N, R-9-W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 6940	Tubing: Diameter: 2.375	Set At: Feet: 6852
Pay Zone: From: 6750	To: 6880	Total Depth: 6940	Shut In: 10-20-66
Stimulation Method: Sand Water Frac		Flow Through Casing:	Flow Through Tubing: X

Choke Size, Inches: .750	Choke Constant: C: 12.365			
Shut-in Pressure, Casing, PSIG: 2111	+ 12 = PSIA: 2123	Days Shut-In: 7	Shut-in Pressure, Tubing PSIG: 2092	+ 12 = PSIA: 2104
Flowing Pressure: P PSIG: 268	+ 12 = PSIA: 280		Working Pressure: P_w PSIG: 1007	+ 12 = PSIA: 1019
Temperature: T= 72 °F Ft= .9887	n = 75		Fpv (From Tables): 1.027	Gravity: .675 Fg = .9427

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

$Q = (12.365)(280)(.9887)(.9427)(1.027) = 3314$ MCF/D

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

$Aof = \left(\frac{4507129}{3468768} \right)^n = (1.2993)^{75}(3314) = (1.2170)(3314)$

NOTE: 5 min. after the well was turned on, it unloaded a slug of water & distillates after which it produced a heavy spray throughout the remainder of the test.

Aof = 4033 MCF/D

TESTED BY Dannie Roberts

CHECKED ~~WITNESSED~~ BY H. E. McAnally

RECEIVED
NOV 15 1966
OIL CON. COM.
DIST. 3

H. L. Kendrick