EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 12, 1975

Operator: El Paso Natural Gas Company		Lease: Woodriver #1-A	
Location: 1500/N, 1600/W, Sec. 5, T30N, R9W		County: San Juan	State: New Mexico
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 4.500	Set At: Feet: 5628'	Tubing: Diameter: 2.375	Set At: Feet: 5627'
Pay Zone: From: 4580	To: 5507'	Total Depth: 5675' PBTD 5660'	Shut In: 6-5-75
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		Tested through a 3/4"variable choke	
Shut-In Pressure, Casing, PSIG: 684	+ 12 = PSIA: 696	Days Shut-In: 7	Shut-In Pressure, Tubing PSIG: 314	+ 12 = PSIA: 326	
Flowing Pressure: P PSIG: 76 M.R.; 250 W.H.	+ 12 = PSIA: 88 M.R.; 262 W.H.		Working Pressure: P_w PSIG: 625	12 = PSIA: 637	
Temperature: T= 58 °F Ft=1.002	n = 0.75		Fpv (From Tables): 1.009	Gravity: 0.677 Fg = 1.215	

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

Q = Calculated from orifice meter readings = 3325 MCF/D

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

$Aof = Q \left(\frac{484416}{78647} \right)^n = (3325)(6.1594)^{.75} = (3325)(3.9098)$

Aof = 13000 MCF/D

Note: The well produced 9.20 bbls of 41.2° API gravity oil during the test. The well produced 420 MCF of gas during the test.

RECEIVED
JUN 13 1975
OIL CON. COM.
DIST. 3

TESTED BY T.D. Norton & T. Watson

WITNESSED BY

Well Test Engineer