EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE ___October 17, 1974

Operator		Lease			
El Paso Natura	1 Gas Company	Heaton #1 (DK) (OWWO)			
Location		County	State		
990/N, 900/S,	Sec. 28, T31N, R11W	San Juan	New Mexico		
Formation Dakota		Pool			
		Basin			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
5.500	7106'	1.990	6998'		
Pay Zone: From	То	Total Depth: COTD	Shut In		
6814'	7060'	7106' 7080'	9-28-74		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
Sandwater Frac	e e		XX		

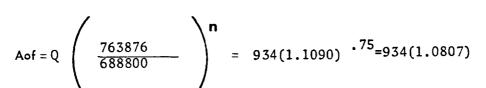
Choke Size, Inches		Choke Constant: C					
0.750		12.365					
Shut-In Pressure, Casing, 400	PSIG	+ 12 = PSIA 412	Days Shut-In 19	Shut-In Pressure, Tubing 862	PSIG	+ 12 = PSIA 874	
Flowing Pressure: P	PSIG	+ 12 = PSIA 81		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 274	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 66 °F F+=	0.9943	.75		1.009		.695	$F_g = 0.9292$

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = 12.365(81)(0.9943)(0.9292)(1.009)

= <u>934</u> MCF/D

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & & \\ & P_c & \\ & P_c & P_w \end{pmatrix}$$



Aof = 1009 MCF/D

Note: The well started to unload

a medium fog of water and distillate. After 20 minutes the well produced a light fog

of water and distillate.

TESTED BY D. Norton

WITNESSED BY_____

Loren W. Fothergill
Well Test Engineer