## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

May 20, 1968 DATE

Operator		Lease		
El Paso Hatura	al Gas Company	Roelofs A No	0. 1 (OWWO)	
Location 00011	0 10 m 00 m p 2 y	County	State	
	Sec. 10, T-29-N, R-8-W	San Juan	New Mexico	
Formation Mesa Verde		Pool Blanco		
Casing: Diameter	Set At: Feet 5439	Tubing: Diameter 2 • 375	Set At: Feet 5230	
Pay Zone: From 4682	т <b>.</b> 557 <sup>1</sup> +	Total Depth: 5443	Shut In 5-13-68	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sand Water Frae			X	

Choke Size, Inches		Choke Constant	t: C			
<b>.7</b> 50		12	. 565			
Shut-In Pressure, Casing, 615	PSIG	+ 12 = PSIA 827	Days Shut-In	Shut-In Pressure, Tubing 815	PSIG	+ 12 = PSIA 827
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw 6음이	PSIG	+ 12 = PSIA 701
Temperature:	.9933	n =		Fpv (From Tables)		Gravity •650 Fg = .0600

$$Q = (12.365)(.247)(.9933)(.9608)(1.023) = 2982 MCF/D$$

OPEN FLOW = Aof = Q 
$$\left( \begin{array}{c} 2 \\ P_c \\ P_c \\ P_c \\ \end{array} \right)$$

Aof = 
$$\begin{pmatrix} \frac{683929}{192528} \end{pmatrix}$$
 =  $(2982)(3.5523)^{.75}$  =  $(2982)(2.5875)$   
NOTE: The well produced a very light

The well produced a very light fog of  $\mathrm{H}_{\!2}\mathrm{O}$  and distillate throughout the test period.

TESTED BY \_\_\_\_ CRW CHECKED WITNESSED BY T. B. Grant



H. L. Kendrick