## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

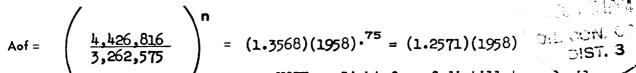
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Southern Union Production Company  Location 1850'N, 1890'E, Sec. 29, T-26-N, R-8-W  Formation Dakota		Newsom No. 14		
		County San Juan	State New Mexico	
		Pool Basin		
Casing: Diameter	Set At: Feet 6872	Tubing: Diameter 1.900	Set At: Feet 6745	
Pay Zone: From 6556	т• 6842	Total Depth: 6875	Shut In 11-26-64	
Stimulation Method		Flow Through Casing	Flow Through Tubing X	

Choke Size, Inches Choke Constant: C  •75 12.365							
Shut-In Pressure, Casing, 2092	PSIG	+ 12 = PSIA 2104	Days Shut-In 20	Shut-In Pressure, Tubing 2091	PSIG	+ 12 = PSIA 2103	
Flowing Pressure: P 162	PSIG	+ 12 = PSIA 174		Working Pressure: Pw 1067	PSIG	+ 12 = PSIA 1079	
Temperature:	.9877	n = •75		Fpv (From Tables) 1.020		Gravity • 735	Fg = .9035

CHOKE VOLUME = Q = C × P, × F, × F<sub>0</sub> × F<sub>p</sub> v
$$Q = (12.365)(174)(.9877)(.9035)(1.020) = 1958 MCF/D$$

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



Light fog of distillate and oil NOTE: throughout test.

NOTE: This test was conducted through the Aof =\_\_\_\_2461 MCF/D tubing by SUPC. NMOCC Order R-333-C and D states "Any well completed with

tubing smaller than two inch nominal shall be tested through the casing."

WITNESSED BY C. R. Wagner (EPNG)