

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **May 25, 1961**

Operator El Paso Natural Gas Products Company		Lease Delhi-Taylor No. 6	
Well No. SW 17-26-11		County San Juan	State New Mexico
Formation Dakota		Basin Basin	
Test Interval 5-1/2"	Set At Feet 6190	Tubing Diameter 2-3/8"	Set At Feet 6157
Flow Through Casing 5990	Flow Through Tubing 6015	Total Depth 6157	Flow Through Tubing 5-16-61
Flow Through Casing Oil Frac.		Flow Through Tubing X	

Stroke Length, inches 0.750	Stroke Constant, C 12.365	Stroke Pressure, Tubing 1917	PSIG 1929	PSIA 1929
Days in Test 9	Working Pressure, P _w 1305	Gravity 0.691	.9325	
Flow Through Casing 5990	Flow Through Tubing 6015			
Flow Through Casing 80	Flow Through Tubing .9813			
Flow Through Casing .75	Flow Through Tubing 1.062			

CHECK FOR MAXIMUM FLOW: $Q = C \times P_w \times F_c \times F_t \times F_g \times F_v$

$$Q = (12.365)(609)(.9813)(.9325)(1.062)$$

7318 MCF/D

$$Q = \left(\frac{P_w^2 - P_b^2}{P_b^2 - P_a^2} \right)^n$$

$$Q = \left(\frac{3,721,041 - 1,986,552}{1,986,552 - 0} \right)^n$$

$$(1.8731)^{.75}(7318) = (1.6010)(7318)$$

Actual Flow **11,716** MCF/D

NOTE:
Made Heavy Oil Vapor Throughout Test.

By **Jesse B. Goodwin**

By **Dannie R. Roberts**

Checked by: **T. B. Grant**

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