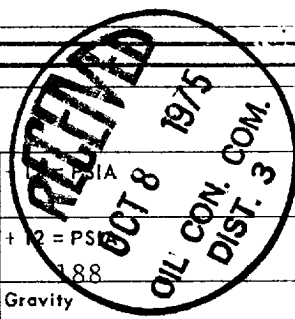


EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE October 7, 1975

Operator El Paso Natural Gas Company		Lease Scott #11	
Location 800/N, 1500/W, Sec. 9, T31N, R10W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing: Diameter 2.875	Set At: Feet 2996'	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 2810'	To 2870'	Total Depth: PBT 2996'	Shut In 9-30-75
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches 0.750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 868	+ 12 = PSIA 880	Days Shut-In 7	Shut-In Pressure, Tubing PSIG No Tubing	PSIG	
Flowing Pressure: P PSIG 139	+ 12 = PSIA 151		Working Pressure: P <sub>w</sub> PSIG Calculated	PSIG	+ 12 = PSIA 188
Temperature: T = 61 °F	n = 0.85		F <sub>pv</sub> (From Tables) 1.013	Gravity .635	F <sub>g</sub> = 0.9721



CHOKE VOLUME = Q = C × P<sub>t</sub> × F<sub>t</sub> × F<sub>g</sub> × F<sub>pv</sub>

Q = (12.365) (151) (0.9990) (0.9721) (1.013) = 1837 MCF/D

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

Aof = Q  $\left( \frac{774400}{739056} \right)^n = (1837) (1.0478)^{.85} = (1837) (1.0405)$

Aof = 1911 MCF/D

Note: The well produced dry gas throughout the test. The well produced 252.77 MCF gas during the test.

TESTED BY R. Hardy

WITNESSED BY \_\_\_\_\_

*[Signature]*  
Well Test Engineer