

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE May 21, 1974

Operator El Paso Natural Gas Company		Lease Hubbell #12	
Location 1565/S, 1615/E, Sec 7, T29N, R10W		County San Juan	State New Mexico
Formation Fruitland <i>Est</i>		Pool <del>Undes</del> <i>Agate</i>	
Casing: Diameter 2.875	Set At: Feet 2049'	Tubing: Diameter No Tubing	Set At: Feet --
Pay Zone: From 1876'	To 1906'	Total Depth: PBD 2049' 2039'	Shut In 4-27-74
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches 2.000		Choke Constant: C		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 637	+ 12 = PSIA 649	Days Shut-In <sub>24</sub> 24	Shut-In Pressure, Tubing PSIG No Tubing	+ 12 = PSIA --	
Flowing Pressure: P <sub>i</sub> PSIG 2.2" H <sub>2</sub> O	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG Calculated	+ 12 = PSIA		
Temperature: T = 61 °F F <sub>t</sub> =	n = .85	F <sub>pv</sub> (From Tables)	Gravity .650	F <sub>g</sub> =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

$$Q = \text{Used Pitot tube}$$

$$= \text{_____ MCF/D}$$

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

$$Aof = \left( \text{_____} \right)^n =$$

$$Aof = \text{175} \text{ MCF/D}$$

Note: The well blew dry gas.

TESTED BY C. R. Wagner

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

Loren W. Fothergill  
Loren W. Fothergill  
Well Test Engineer