

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE March 8, 1972

Operator EL PASO NATURAL GAS COMPANY		Lease Huerfano Unit No. 216	
Location 800 N & W Sec. 30-26-10		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6504	Tubing: Diameter 2.375	Set At: Feet 6429
Pay Zone: From 6315	To 6450	Total Depth: 6504	Shut In 3-1-72
Stimulation Method SWF		Flow Through Casing	Flow Through Tubing XXX

Choke Size, Inches 4" M.R. Plate 2.750		Choke Constant: C 41.10		Well Tested Through 3/4" Variable Choke	
Shut-In Pressure, Casing, PSIG 937	+ 12 = PSIA 949	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 936	+ 12 = PSIA 948	
Flowing Pressure: P MR 10 W/H 68 PSIG	+ 12 = PSIA MR 22 W/H 80		Working Pressure: Pw 392	+ 12 = PSIA 404	
Temperature: T=71 °F Ft=.9896	n = .75		Fpv (From Tables) 1.004	Gravity .700 Fg=1.195	

JOKE VOLUME = Q = C x P<sub>i</sub> x F<sub>i</sub> x F<sub>g</sub> x F<sub>pv</sub>

Q = Calculated from Orifice meter readings = 457 MCF/D

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

42.07 Bbls of

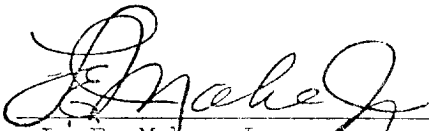
NOTE: The well produced 46.6 Gravity oil and 27 bbls. of water during the test.

Aof =  $\left( \frac{900601}{737385} \right)^n = (457)(1.2213)^{.75} = (457)(1.1618) =$

Aof = 531 MCF/D

TESTED BY Jesse Goodwin & Norton

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

  
L. E. Mabe, Jr.