

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 9/28/72

| | | | |
|----------------------------------|-----------------------------|-----------------------------|----------------------|
| Operator C. J. Jones | Lease C. J. Jones | County Elmore | State OK |
| Location 10/1, 1000/1, 1000/1 | Well 1000/1 | Pool 1000 | |
| Casing Diameter 6.000 | Set At: Feet 2000 | Tubing Diameter 4.000 | Set At: Feet 2000 |
| Per. Zone: From 1000 | Total Depth 2000 | Shut In 0/10/72 | |
| Stick In: In. Meas. I 1000 | Flow Through Casing 1000 | Flow Through Tubing 1000 | |

| | | | | |
|---------------------------------------|-------------------------------|------------------------------|----------------------------------|-------------------|
| Choke Size, Inches 1.000 | Clark Coefficient, C 1.000 | Days Shut-In 7 | Shut-in Pressure, Tubing 1000 | PSIG 12 = PSIA |
| Shut-in Pressure, Casing 1000 | PSIG 12 = PSIA | Working Pressure, Pw 1000 | PSIG 12 = PSIA | Gravity 0.60 |
| Flowing Pressure, P 1000 | PSIG 12 = PSIA | Fpv (From Tubing) 1.000 | | |
| Temperatures: Tc 100 F Tf 100 F | | | | |

CHOKER VOLUME = Q = C x P_i x F₁ x F_c x F_{pv}

Q = (1.000)(1000)(1.000)(1.000)(1.000) = 354 MCF/D

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

Aof = $\left(\frac{1000^2 - 1000^2}{1000^2 - 1000^2} \right)^n = (354)(1.000)^{.75} = (354)(1.000)$

Aof = 354 MCF/D

NOTE: Well produced a heavy spray of water throughout test.

TESTED BY C. J. Jones

WITNESSED BY

C. J. Jones
C. J. Jones

