

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 30, 1962

Operator El Paso Natural Gas Company	Lease Lindrith Unit No. 43
Location 1650N, 990W, Sec. 31, T-24N, R-2W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco
Casing Diameter 2.875 Set At Feet 3258	Tubing Diameter None Set At Feet
Pay Zone: From 3118 To 3136	Total Depth: 3258 Shut In 5-20-62
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant: C 12.365	Tubingless Completion
Shut-In Pressure, Casing, PSIG 972	PSIG - 12 PSIA 984 Days Shut-In 10.	Shut-In Pressure, Tubing PSIG - 12 PSIA None
Flowing Pressure, P PSIG 582	PSIG - 12 PSIA 594	Working Pressure: Pw PSIG - 12 PSIA Calc. 765
Temperature: T 66 F .9943	.85	Fpv (From Tables) Gravity 1.058 .650 Fg .9608

CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{pv}$

$$Q = (12.365)(594)(.9943)(.9608)(1.058)$$

7424

MCF D

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

$$Aof \left(\frac{968,256}{383,031} \right)^n (2.5278)^{.85} \times (7424) = (2.2000)(7424)$$

NOTE: Well made large amount of Frac. Sand during test.

Aof **16,333**

MCF D

TESTED BY **H. E. McAnally**

WITNESSED BY



Lewis D. Galloway
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