

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DUAL COMPLETION

DATE June 30, 1959

Operator El Paso Natural Gas	Lease Jicarilla No. 67-6 (Ch)
Location 1700N, 990E; 19-25-5	County Rio Arriba State New Mexico
Fracture Chacra	Depth Otero
Gas Flow 7-5/8 Ser. At. Feet 3598	Tubing Casing 2" Ser. At. Feet 3451
Flow Pressure 3436	Total Depth 3598 c/o 3560
Flow Rate Sand Water Frac.	Flow Time Shut In 6/22/59
	Flow Rate X

Choke Size, In. Hg. .75	Choke Constant 12.365	Shut-In Pressure, PSIG 736	Shut-In Pressure, PSIA 748	Shut-In Pressure, PSIG 880 (Ch)	Shut-In Pressure, PSIA 892
Flowing Pressure, PSIG 140 (Ch)	Flowing Pressure, PSIA 152	Working Pressure, PSIG Calc.	Working Pressure, PSIA 259	Flowing Pressure, PSIG 1.015	Flowing Pressure, PSIA .666
Temperature, °F 64	Temperature, °F .75				

Initial SIPT (PC) = 736 psig
Final SIPC (PC) = 738 psig

Packer at 2790

CHOKED VOLUME = $Q \times R_1 \times R_2 \times F_g \times F_v$

$$Q = 12.365 \times 152 \times .9962 \times .9498 \times 1.015$$

$$1805 \text{ MCF/D}$$

PERFORATION

$$\left(\frac{R_1}{R_2} \right)^n$$

$$\frac{795664}{728583}$$

$$1.0920^{.75} \times 1805 = 1.0683 \times 1805$$

Actual 1928

MCF/D

S. V. Roberts

RELEASED
JUL 13 1959
OIL CO.
DIP.

Lewis D. Galloway
L. D. Galloway

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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