

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE **January 25, 1960**

Operator El Paso Natural Gas		Lease Rincon Unit 150 (D)	
Location 990N, 990E; 6-26-6		County Rio Arriba	State New Mexico
Formation Dakota		Pool Undesignated	
Casing: Diameter 5	Set At: Feet 7514	Tubing: Diameter 2	Set At: Feet 7344
Pay Zone: From 7184	To 7404	Total Depth: 7540 c/o 7471	Shut In 1/16/60
Stimulation Method Sand Oil Frac.		Flow Through Tubing X	

Choke Size, Inches .75		Choke Constant: C 12.365		7" at 7116; 5" liner 7020-7314	
Shut-In Pressure, Casing, PSIG (MV) 998	PSIG + 12 = PSIA 1010	Days Shut-In 9	Shut-In Pressure, Tubing, PSIG (D) 2109	PSIG + 12 = PSIA 2121	
Flowing Pressure: P PSIG (D Tag) 290	PSIG + 12 = PSIA 302		Working Pressure: Pw PSIG Calc. 663	PSIG + 12 = PSIA	
Temperature: T 67 °F	F _g .9933		F _{pv} (From Tables) 1.030	Gravity .668	F _g .9498

Initial SIPT (MV) = 999 psig
Final SIPC (MV) = 1035 psig

Packer at 6933

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$$Q = 12.365 \times 302 \times .9933 \times .9498 \times 1.030$$

3629

MCF/D

$$\text{OPEN FLOW Aof } Q \left(\frac{P_1^2}{P_r^2 - P_w^2} \right)^n$$

Blew an oily mist three times approx. 1 min.
 apart 5 min. after test started.

$$\text{Aof } \left(\frac{4498641}{4059072} \right)^n$$

$$1.1082^{.75} \times 3629 = 1.0802 \times 3629$$

Aof 3920 MCF/D

TESTED BY

W. D. Dawson

WITNESSED BY

Lewis D. Galloway
 L. D. Galloway

