

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 16, 1960

Operator El Paso Natural Gas Company	Lease Jicarilla 6-C
Location 1800N, 810W; 21-25N-4W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool So. Blanco P.C.
Casing: Diameter 2-1/2 Set At: Feet 3516	Tubing: Diameter No Tubing Set At: Feet -
Flow Zone: From 3432 To 3454	Total Depth 3520 c/o 3497 Shut In 6/2/60
Stimulation Method Sand Water Frac.	Flow Through Casing X Flow Through Tubing -

Choke Size, Inches .75	Basic Constant 12.365	Shut-In Pressure, Tubing 14	PSIG - 12 PSIA 149
Shut-In Pressure, Casing 939	PSIG - 12 PSIA 951	Working Pressure: Pw Calc.	PSIG - 12 PSIA 149
Flowing Pressure: P 103	PSIG - 12 PSIA 115	Spv (From Tables) 1.013	Gravity .729 Fg .9097
Temperature 55	F 1.0048 .85		

CHOKED VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_{gv}$

$Q = 12.365 \times 115 \times 1.0048 \times .9097 \times 1.013$

1317

MCF/D

OPEN FLOW $A_{of} = \left(\frac{P_1^2 - P_2^2}{P_1^2} \right)^n$

$A_{of} = \left(\frac{904401 - 882200}{904401} \right)^n$

$1.0251^{.85} \times 1317 = 1.0212 \times 1317$

Aof

1345

MCF/D

By

W. D. Dawson

Witnessed by



L. D. Galloway
L. D. Galloway by *DLK*