

OPEN FLOW TEST DATA

CORRECTED COPY

DATE December 18, 1958

Name El Paso Natural Gas		Well No. Jicarilla No. 67-5	
Location 10198, 1547W; 29-25-5		County Rio Arriba	State New Mexico
Formation Dakota		Zone Undesignated	
Perforation 7-5/8	Set At Feet 6490	Tubing Diameter 2"	Set At Feet 7069
Perforation 6981	Set At Feet 7084	Test Depth 7215 c/o 7176	Shut in 12/11/58
Production Method Sand Oil Frac.		Flow Through Basing	Flow Through Timing X

Initial Pressure .75	Initial Temperature 12,365	Initial Pressure 5-1/2 liner 6403 - 7212
Initial Pressure 1997	Initial Temperature 2009	Initial Pressure 1257
Initial Pressure 371	Initial Temperature 383	Initial Pressure 917
Initial Pressure 68	Initial Temperature .75	Initial Pressure 1.037
Initial Pressure 12,365	Initial Temperature 383	Initial Pressure 929
Initial Pressure 12,365	Initial Temperature .75	Initial Pressure .650

Q = 1.191 x 10⁻⁴ x (P_i - P_{wf})^{1.75} x (h)

$$12.365 \times 383 \times .9924 \times .9608 \times 1.037$$

4683

MCF/D

$$Q = \left(\frac{P_i - P_w}{P_i - P_o} \right)^n$$

$$\left(\frac{4,036,081}{3,173,040} \right)^n$$

$$1.2719^{.75} \times 4683 = 1.1973 \times 4683$$

Q =

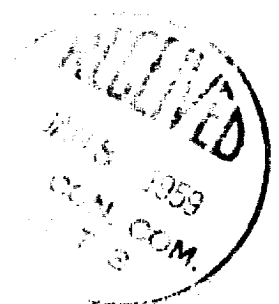
5607

MCF/D

Jesse B. Goodwin

Checked By S. V. Roberts

L. D. Galloway
 L. D. Galloway by J.L.K.



OIL CONSERVATION COMMISSION	
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