

SELEASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

CORRECTED COPY

DATE December 13, 1962

Operator J. Glenn Turner		Lease Nye No. 4-1	
Location 1750'S, 1755'E, Sec. 4-29-10		County San Juan	State New Mexico
Formation Bakota		Pool Basin	
Casing Diameter 4.500	Set At: Feet 6930	Tubing Diameter 2.375	Set At: Feet 6739
Play Zone: From 6738	To 6876	Total Depth: PBTD 6900	Shut In 12-1-62
Stimulation Method Sand/Water Frac.		Flow Through Casing X	

Choke Size, Inches .75	Choke Constant, C 12.365		
Shut-in Pressure, Casing, PSIG 2156	12 PSIA 2168	Days Shut-In 12	Shut-in Pressure, Tubing, PSIG 2133
Flowing Pressure, P, PSIG 143	12 PSIA 155		Working Pressure, Pw, PSIG 777
Temperature, F 95	F _g .9680 .75		Flow From Tables 1.014
			Gravity .700
			F _g .9258

$$Q_{SC} = Q_{ST} \times C \times P_r \times F_p \times F_g \times F_{ov}$$

$$Q_{SC} = (12.365)(155)(.9680)(.9258)(1.014)$$

1742

MCF/D

$$Q_{SC} = Q_{ST} \times \left(\frac{P_r^2 - P_w^2}{P_r^2 - P_a^2} \right)^n$$

$$Q_{SC} = \left(\frac{4,700,224}{4,077,703} \right)^n$$

$$(1.1526)^{.75}(1742) = (1.1122)(1742)$$

NOTE: Began unloading water in 2 minutes.
Surged water and gas for entire test.
Very Wet.

As of 1937

MCF/D

T. B. Grant(EPNG)

Al Johnson (J. G. Turner)

Checked by W. D. Dawson



Lewis D. Galloway
Lewis D. Galloway

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