

OPEN FLOW TEST DATA

DATE **March 17, 1959**

Operator Ted M. White		Lease Hagood No. 1-X	
Location 10308, 800E; 20-29-13		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool West Kutz	
Casing Diameter 5-1/2	Set At Feet 1150	Tubing Diameter 1"	Set At Feet 1139
Perforation Zone 1104	Set At Feet 1140	Total Depth 1140	Shut in 2/17/59(est)
Flow Through Method X		Flow Through Casing X	

No water produced through 1" tbg. during 5 min. blow prior to test. Dry flow during test.	
Shut-in Pressure, Tubing 319	PSIG 319 PSIA 331
Working Pressure, Tubing 41	PSIG 41 PSIA 53
Temperature 59	Gravity .650 (est.)

+ 7-day SIPT = 321 psig. prior test.

CHOKE VOLUME = $C \times R \times F \times F_a \times F_v$

$$C = 12.365 \times 53 \times 1.001 \times .9608 \times 1.004$$

633 MCF/D

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

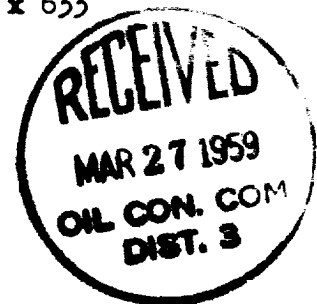
$$\left(\frac{109561}{106312} \right)^n$$

$$1.0305^{.85} \times 633 = 1.0259 \times 633$$

649

MCF/D

D. K. Bryant



L. D. Galloway
L. D. Galloway *by F.H.H.*

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