

WELLS SERVICE COMPANY OPEN FLOW TEST DATA

DATE November 7, 1956

Operator J. Glenn Turner		Lease Turner State #9-16	
Location 965W, 1190N, Sec. 16-27-9		County San Juan	State New Mexico
Formation Pictured Cliff		Well Wildcat	
Casing Diameter 5 1/2	Set At Feet 2421	Tubing Diameter 1"	Set At Feet 2339
Flow Line From 2296	To 2336	Total Depth 2339	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750	Choke Constant, C 14.1605	Shut-In Pressure, Tubing 613	PSIG 12 PSIA 625
Surface Pressure, Tubing 613	PSIG 12 PSIA 625	Working Pressure, Pw 175	PSIG 12 PSIA 187
Flowing Pressure, P 170	PSIG 12 PSIA 182	Sp. Gr. From Test 1.015	Grav. t. .627
Temperature, T 69°	.85		

CHOKED VOLUME $Q = C \times P_r \times P_w \times F_g \times F_v$

$Q = 14.1605 \times 182 \times .9915 \times .9798 \times 1.015 = 2541$ MCF/D

OPEN FLOW $Q = \left(\frac{P_r}{P_w} \right)^n$

$Q = \left(\frac{390,625}{355,656} \right)^n$
 $1.0983^{.85} \times 2541 = 1.0829 \times 2541$

$Q = 2752$ MCF/D

TESTED BY **Tom Grant (EPNG)**

WITNESSED BY **Virgil Stobbs (BMG)**

Benson-Montin-Greer (4)

L. D. Galloway
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