

UNION PACIFIC NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE October 18, 1956

Operator Benson-Montin-Drilling Corporation		Lease Foster Riddle # 6	
Location 1228'N, 857'E, Sec. 13-25-8		County San Juan	State New Mexico
Well Name Pictured Cliff		Pay Wildcat	
Casing Diameter 5½	Set At Feet 2250	Tubing Diameter 1	Set At Feet 2320
Flow Line Feet 2244	2330	Total Depth 2330	
Drilling Method Sand Oil Frac		Flow Through Casing X	Flow Through Tubing

Shut-In Pressure 640	Flowing Pressure 92	Temperature 65	Shut-In Pressure Tubing 640	Flowing Pressure Tubing 121	Temperature Tubing 660
14.1605	104	.85	652	133	1.009

Q = 14.1605 x 104 x .9952 x .9535 x 1.009

1410

MCF D

$$Q = \frac{0.001127 \times h \times (P_1^2 - P_2^2)}{L \times \left(\frac{1}{r_1} - \frac{1}{r_2} \right) \times \left(\frac{1}{r_1} - \frac{1}{r_2} \right)^n}$$

$$Q = \frac{0.001127 \times 1462 \times (425,104^2 - 407,415^2)}{1462 \times \left(\frac{1}{1462} - \frac{1}{1462} \right) \times \left(\frac{1}{1462} - \frac{1}{1462} \right)^n}$$

$$1.0434 \times .85 \times 1410 = 1.0367 \times 1410$$

1462

MCF D

Tom Grant

Virgil Stoabs, Benson-Montin-Greer

cc: Benson-Montin (4)



L. D. Galloway
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OIL CONSERVATION COMMISSION

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