

NORTH-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Basin Formation Dakota County San Juan
 Initial ✓ Annual ✓ Special ✓ Date of Test 5/29/61
 Company A. J. & O. L. Co. Lease Well No. 160
 Unit K Sec. 6 Twp. 23N Rge. 9W Purchaser Southern Union Gas Co.
 Chasing 4 1/2" x 5 1/2" O.D. 4.100 Set at 7172 Perf. 7003 To 7154
 Tubing 2 3/8" x 4.5" O.D. 1.995 Set at 1995 Perf. 1995 To 1995
 Gas Part: From 7001 to 7104 1.12105 80.650 10.4007 Bar. Press. 12
 Pressure Part: Chasing ✓ Gauge ✓ Type well Single *
 Single-gradient-head-J, G, or G.O. Dual
 Reservoir Temp. 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0

OBSERVED DATA

Flow Data					Flowing Data		Resting Data		Duration of Flow Hr.
Pressure	Temperature	Flow	Time	Temp.	Pressure	Temp.	Pressure	Temp.	
psia	°F	gpm	min	°F	psia	°F	psia	°F	
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0
1000	50.0	1.0	10	50.0	1000	50.0	1000	50.0	1.0

FLOW CALCULATIONS

No.	Coefficient	Pressure	Flow Temp. Factor	Gravity Factor	Compress. Factor	Rate of Flow Q-MCFPD @ 15.025 psia
	(14.7-P _{atm}) ^{1.0}	psia	F _t	F _g	F _{cv}	
1	1.0	1000	1.000	0.980	1.03	3132
2						
3						
4						
5						

PRESSURE CALCULATIONS

For liquid flowing, use formula: 1.0 of/psi. Specific Gravity Separator Gas 0.60
 Gravity of liquid flowing fluid 0.80 Specific Gravity Flowing Fluid 0.60
 P₁ 1000 P₂ 1000 P₃ 1000 P₄ 1000

No.	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈
	psia	psia	psia	psia	psia	psia	psia	psia
1	1000	1000	1000	1000	1000	1000	1000	1000
2								
3								
4								
5								

Checked by L. M. Stevens Date 5/29/61
 Approved by L. M. Stevens Date 5/29/61
 ADDRESS San Juan, N.M.
 COUNTY AND STATE SAN JUAN, N.M. ORIGINAL SIGNED BY L. M. STEVENS
 SIGNATURE L. M. Stevens
 COMPANY Oil & Gas

REMARKS

Flowing well, no gas, no oil, no water, no sand, no scale, no rust, no debris, no anything.
Well is good.