

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Comp.

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-18-75	
Company Northwest Pipeline Corp.				Connection New Completion			
Pool Basin				Formation Dakota		Unit San Juan 29-5	
Completion Date 7-2-75		Total Depth 8555		Plug Back TD 8535		Elevation 7168 G1	
Csg. Size 4-1/2		Wt. 1.5		Set At 8555		Perforations: From 8448 To 8514	
Tbg. Size 2.375		Wt. 4.7		Set At 8498		Perforations: From To	
Type Well - Single - Graduated - G.G. or G.O. Multiple Gas - Single						Packer Set At none	
Producing Thru tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F 12.0		Baro. Press. - P _a 12.0	
L		H		G _g .594		% CO ₂	
				% N ₂		% H ₂ S	
				Prover 3/4 variable		Meter Run 4"	
						Taps flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	p.s.i.g.	Diff.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
Sl	7 Day STD						2017		2591		
1.	4X 2.750		94		6.7	88°	563		1452		3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Diff	Pressure Meter Static	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	130.00	6.7	3.3	.9741	1.298	1.005	3,652
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 2603	P _c ² 6775609	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{6775609}{4632313}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.857$
NO.	P _t ²	P _w	P _w ²
1		1464	214329
2			
3			
4			
5			

Absolute Open Flow	4,857	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: Diff & static reading from L-10 chart. Coefficient from L-10 chart factor of 3.162 & orifice factor of 41.10. Well produced approx 74 bbls of water to tank

Approved by Commission:	Conducted By:	Calculated By:	Checked By:
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