

Rec
NOV 12 1975

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

Form C-142
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 10/24/75				
Company Northwest Pipeline Corporation				Connection New Completion					
Pool Blanco				Formation Mesa Verde				Unit San Juan 29-6	
Completion Date 10/14/75		Total Depth 6175		Plug Back TD 6113		Elevation 6714		Farm or Lease Name San Juan 29-6 Unit	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 6155	Perforations: From 5434 To 6075		Well No. 34A			
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6050	Perforations: From To		Unit Sec. Twp. Rye. I 14 29 6			
Type Well - Single - (Holenhead - G.G. or G.O. Multiple) Gas - Single					Packer Set At None		County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F A		Mean Annual Temp. °F		Baro. Press. - P _a 12.0		State New Mexico	
L	H	Gg .690	% CO ₂	% N ₂	% H ₂ S	Prover Orifice Meter	Meter Run 4"	Taps Flange	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Meter p.s.i.g.	Diff. Meter	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							477		621	
1.	4 X 2.500			53	6.35	63°	252		447	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Differential	Pressure Meter Static	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	103.00	6.35	2.5	.9971	1.204	1.009	1981
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 633 P _c ² 400689					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1088$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.7500$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3467$			
1		459	210681	190008				
2								
3								
4								
5								

Absolute Open Flow 3467		Mcf @ 15.025		Angle of Slope @ _____		Slope, n .75	
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Remarks: Differential and static from L-10 chart. Coefficient from L-10 chart. Factor of 3.162 and orifice factor of 32.64. Variable choke set at 48/64ths. Well produced 4 bbls of water and trace of condensate.

Approved By _____ Conducted By _____ Calculated By _____ Checked By _____