

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

Form C-144
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 11/24/75	
Company Northwest Pipeline Corporation				Connection New Completion			
Pool Blanco				Formation Mesa Verde		Unit San Juan 29-6	
Completion Date 11/16/75		Total Depth 6156		Plug Back TD 6120		Elevation 6782' Gr	
Farm or Lease Name San Juan 29-6 Unit		Well No. 62A		Unit P		Sec. Twp. Rge. 4 29 6	
Csg. Size 4.500		Set At 6152		Perforations: From 5498 To 6034		County Rio Arriba	
Thq. Size 2.375		Set At 6012		Perforations: From To		State New Mexico	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None		Prover Orifice Meter	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F 12.0		Meter Run 4"	
L H		Gq % CO ₂ % N ₂ % H ₂ S		Taps flange			
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Meter p.s.i.g.	Diff.	Temp. °F	Press. p.s.i.g.
1.	4 X 2.500			49		53°	218
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	Meter Differential	Pressure Meter Static	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	103.21	6.0	2.5	1.007	1.207	1.004	1889
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R		
1.							
2.							
3.							
4.							
5.							
P _c 569 P _c ² 323761 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.2892$					1.8610 AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3516$		
NO.	P _t ²	P _w	P _t ²	P _c ² - P _w ²			
1.		427	182329	141432			
2.							
3.							
4.							
5.							
Absolute Open Flow 3516 Mcfd @ 15.025					Angle of Slope θ		Slope, n .75
Remarks: Differential from L-10 chart. Coefficient from chart factor 3.162 & orifice factor 32.64. Variable choke set at 48/64. Produced approx 1 bbl liquid and trace of drip.							
Approved By Commission:		Conducted By: Fred S. Hamrick		Calculated By: Bobby J. Broughton		Checked By: BJB	

