

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6/29/83 JUL 18 1983			
Company Northwest Pipeline Corporation				Connection New Completion			
Pool Blanco				Formation Mesa Verde			
Completion Date 9/24/82		Total Depth 6350'		Plug Back TD 6300'		Elevation 6820' KB	
Form or Lease Name Rosa Unit				Well No. #95			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6347'	Perforations: From 5955' To 6262'		Unit A	
Inq. Size 2.375	Wt. 4.7	d 1.995	Set At 6103'	Perforations: From To		Sec. 9 Twp. 31 Rge. 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. *F #		Mean Annual Temp. *F		Baro. Press. - P _a 12.0	
State New Mexico		L H Gg Est. .588		% CO ₂ % N ₂ % H ₂ S		Positive Choke	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	Press. p.s.i.g.
1	SIP						387
2							446
3							
4							
5							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							
NO.	P _r	Temp. *R	T _r	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		
NO.	P _r	P _w	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____		
1					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
2					ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
3							
4							
5							
Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
Remarks: Well blew dead in 2 minutes. Well incapable of production.							
Approved By Commission:		Conducted By: F.S. Hamrick		Calculated By: M.J. Turnbaugh		Checked By:	

skw