

P. O. BOX 2139

Form C-122
Revised 10-1-57

SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Flow Test		☒ Initial	☐ Annual	☐ Special	Test Date 3-6-85	MAY 09 1985	
Company Consolidated Oil & Gas.		Location Northwest Pipeline Corp.					
Well No. S Mira Gallup		Production Gallup					
Date 1-17-85	Depth 8000'	Dip 993' (FC)	Elevation 6835' GR	American Line Co. NORTHWEST			
Pressure 18.10	Temperature 4.980	Rate 8000'	Time 7340'	Dist. 3			
Pressure 3.440	Temperature 1.781	Rate 821'	Time 7350'	New Mexico			
Flow Rate .650 bbl/d		Gas Factor 1.240		Casing Data			
FLOW DATA		TUBING DATA		CASING DATA		Direction	
No.	Type	Temp.	Press.	Temp.	Press.	of Flow	
1.	"xi/-"pos sk						
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
No.	Coefficient (24 Hour)	$\sqrt{h P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mgd
1.	11.00		129	1.600	1.240	1.012	1781
2.							
3.							
4.							
5.							
No.	R	Temp. R	T	Z	Gas-Liquid Hydrate Ratio		
1.					A.P.L. Gravity of L.G. H Hydrates		
2.					Specific Gravity of Gas		
3.					Critical Pressure		
4.					Critical Temperature		
5.							
P _w ² = 2436721		R _w ² = 544		(1) $\frac{P_c^2}{P_w^2 - R_w^2} = 1.1382$		(2) $\left[\frac{P_c^2}{P_w^2 - R_w^2} \right]^n = 1.1019$	
ACF = Q							
Absolute Open Flow		1962		Weld @ 15.025		Angle of Slope @	
Remarks:							
Approved By Division		Conducted By: Tefteller/R. Housh		Calculated By: R. Housh		Checked By: br	