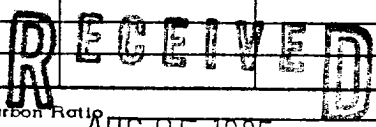
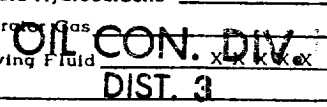


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 07/31/85	
Company Northwest Pipeline Corporation				Connection New Completion	
Pool Undesignated				Formation Gallup	
Completion Date 10/26/84		Total Depth 8109'		Plug Back TD 8060'	
Elevation 6253' GR		Farm or Lease Name Rosa Unit			
Csg. Size 4.500	Wt. 11.6	d 4.052	Set At 8109'	Perforations: From 6748' To 7176'	
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 7912'	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Dual				Packer Set At 7240'	
Producing Thru Annulus		Reservoir Temp. °F #		Mean Annual Temp. °F	
Baro. Press. - P _a 12.0		State New Mexico			
L	H	Gg Est. .600	% CO ₂	% N ₂	% H ₂ S
				Positive Choke	
FLOW DATA				TUBING DATA	
CASING DATA				Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
SI	SIP				
1.	2" X .750"				
2.					
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 F _g
1	9.604		271	.992	1.291
2.					
3.					
4.					
5.					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1					A.P.I. Gravity of Liquid Hydrocarbons
2.					Specific Gravity Separated Gas
3.					Specific Gravity Flowing Fluid
4.					Critical Pressure
5.					Critical Temperature
					
					
P_c 2242 P_c² 5026564 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0251$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0188$					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		351	123201	4903363	
2		(Calc.)			
3					
4					
5					
Absolute Open Flow 3474 Mcfd @ 15.025 Angle of Slope θ Slope, n .75					
Remarks: Unloaded to medium mist first 10 mins. of flow, cleared to light fog. Vented 426 Mcf					
GI i-e-s FcQ² R² Pt² R²+Pt² Calc. Pw					
4049 .255 194992 49723 73441 123164 351 psia					
Approved By Commission:		Conducted By: Chik Charley		Calculated By: S.K. Liese	
				Checked By: M.J. Turnbaugh	

skt