

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 10/4/77	
Company AMOCO PRODUCTION COMPANY				Connection GAS COMPANY OF NEW MEXICO			
Pool Tapacito				Formation Pictured Cliffs		Unit	
Completion Date 9/20/77		Total Depth 4027		Plug Back TD 3971		Elevation KB	
Csg. Size 4-1/2		Wt. 10.5		Set At K-55		Farm or Lease Name Hicarilla Apache 102	
Thg. Size 1-1/4		Wt. 2.4		Set At J-55		Well No. 25	
Perforations: From 3850 To 3894		Perforations: From Open To Ended		Unit 0		Sec. Twp. Rge. 9 T26N R4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas				Packer Set At None		County Rio Arriba	
Producing Thru 1-1/4 Thg		Reservoir Temp. °F @ 105°		Mean Annual Temp. °F 60		State New Mexico	
L		H		Gg		Baro. Press. - P _a 12	
		.65		% CO ₂		% N ₂	
				% H ₂ S		Prover	
						Meter Run	
						Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow		
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 days						354	60	NA	NA	
1.						60	70	60	325	60	3 hrs.
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		82	1.000	.9608	1.000	974
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 366	P _c ² 133956	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \underline{6.571}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = \underline{4.954}$
NO.	F _t ²	P _w	F _w ²
1	82	337	113569
2			
3			
4			
5			

Absolute Open Flow 4825 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: MJF	Checked By: PCE