

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 10/24/77	
Company AMOCO PRODUCTION COMPANY				Connection Gas Company Of New Mexico		
Pool Tapacito				Formation Pictured Cliffs		Unit
Completion Date 10/17/77		Total Depth 3875		Plug Back TD 3830		Elevation 719104
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3875	Perforations: From 3720 To 3770		Well No. 22
Tbg. Size 1.660	Wt. 2.33	d 1.380	Set At 3754	Perforations: From Open To Ended		Unit Sec. Twp. Rge. P 4 26 4
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba
Producing Thru 1-1/4 tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		State New Mexico
L	H	Gg .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	
SI	7 days						828		836		
1.	2.375	0.750					140		640		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, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		152	1.000	.9608	1.014	1831
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 848	P _c ² 719104	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.4459}{}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{2.1388}{}$
NO.	P _t ²	P _w	P _w ²
1		652	425104
2			
3			
4			
5			

Absolute Open Flow 3916 Mcfd @ 15.025		Angle of Slope θ .85
Remarks: _____		
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: TMO/MJF
	Checked By: J. L. Krupka	