

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 7-1-75	
Company AMOCO PRODUCTION COMPANY				Connection None	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 6-23-75		Total Depth 3100'		Plug Back TD 3040'	
				Elevation 6181'	
Csg. Size 4.50				Well No. 1	
Wt. 10.5		d 4.052		Set At 3086	
Tbg. Size 2.375		Wt. 4.7		d 1.995	
				Set At 2992	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 60°		Mean Annual Temp. °F 60°	
				Baro. Press. - P _a 12	
L		H		Gg	
				.60	
				% 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.	
SI	8 Days									
1.	2-Inch		.750				777		780	
2.							109		179	
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		121	1.000	.9608	1.011	1453
2.							
3.							
4.							
5.							

NO.	P _t	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.
5.					Critical Temperature	_____ °R

P _c 792		P _c ² 627,264		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.06175$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0522$	
NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²			
1		191	36,481	590,783			
2							
3							
4							
5							

Absolute Open Flow 1529 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .85	
Remarks: _____							
Approved By Commission:		Conducted By: T. M. Oliver		Calculated By: W. R. Cordill		Checked By: P. C. Ellison	