

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

Form O-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 3/17/78	
Company Amoco Production Company				Connection			
Pool Blanco				Formation Pictured Cliffs		Unit	
Completion Date 3/10/78		Total Depth 2888		Plug Back TD 2809		Elevation 5873	
Crg. Size 4.50		Wt. 10.5		Set At 4.052 2880		Perforations: From 2670 To 2738	
Tbg. Size 2.375		Wt. 4.7		Set At 1.995 2753		Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Gg .65		County San Juan	
				% CO ₂		State New Mexico	
				% N ₂		Prover	
				% H ₂ S		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	7 days						660		660	
1.	2.375		0.750				335	60	550	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		347	1.000	.9608	1.037	4274
2.							
3.							
4.							
5.							

NO.	P _r	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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 672	P _c 2451584					
NO.	P _r ²	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = \mathbf{3.3268}$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = \mathbf{2.7780}$
1		562	315844	135740		
2						
3						
4						
5						

Absolute Open Flow 11873 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 85			
Remarks: _____			

Approved by Commission:	Conducted by: T. M. Oliver	Calculated by: TMO/WRB	Checked by: J. L. Krupka
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