

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

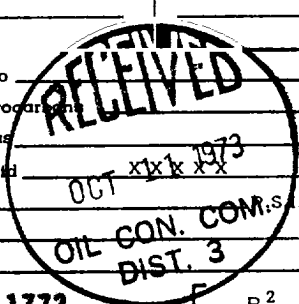
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-5-73	
Company AMOCO PRODUCTION COMPANY				Connection Uncommitted	
Pool Undesignated Blanco				Formation Pictured Cliffs MV	
Completion Date 10-8-73		Total Depth 8505		Plug Back TD 4150	
				Elevation 7082' CL	
Csg. Size 4-1/2"		Wt. 10.5	d 4.052	Set At 8494	Perforations: From 3918 To 4054
Tbg. Size 2.375		Wt. 4.7	d 1.995	Set At 4045	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 208° TD		Mean Annual Temp. °F 60° (est.)	
				Baro. Press. - P _a 12 PSIA	
L 4045		H 4045	Gg .65 (est.)	% CO ₂	% N ₂
				% H ₂ S	Prover
				Meter Run	Taps
County Rio Arriba					
State New Mexico					
Farm or Lease Name Valencia Canyon Unit					
Well No. 1					
Unit M Sec. 23 Twp. 28N Rge. 4W					

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line 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	
1.	7 Days 2-Inch	3/4"			1135		1135		3 Hrs.
2.					124		433		
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		136	1.000	.9608	1.014	1638
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 Hydrocarbon	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 1147	P _c ² 1,315,609	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1772$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1488$
NO.	P _t ²	P _w	P _w ²
1.		445	198025
2.			
3.			
4.			
5.			

Absolute Open Flow 1882 Mcfd @ 15.025		Angle of Slope θ	Slope, n .85
Remarks:			
Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: G. O. Munson	Checked By: J. A. Pope