

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-23-77			
Company Palmer Oil & Gas Co.				Connection Northwest Pipeline			
Pool Blanco				Formation Mesaverde			
Completion Date 8-16-77		Total Depth 5945		Plug Back TD 5878		Elevation 6502 G.L.	
Csg. Size 7" Wt. 20#		d 6.456		Set At 3590		Perforations: From 5607 To 5755	
4.5" 10.5		4.052		5941		Well No. 2	
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 5702	
						Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12 psia (est.)	
L		H		Gg .650 est.		State New Mexico	
				% CO ₂		% N ₂	
				% H ₂ S		Prover	
						Meter Run	
						Taps	

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	
SI	7 days								
1.	2" .750	234			1084		1085		
2.					234	64°	688	64°	3 hr.
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	12,3650		246	.9962	.9608	1.023	2978
2							
3							
4							
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1										
2										
3										
4										
5										

NO.	P _r	P _w	P _c ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6868$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4802$
1		700	490,000	713,409		
2						
3						
4						
5						

Absolute Open Flow 4408 Mcfd @ 15.025 Angle of Slope θ _____
 Remarks: 7.000-20# Liner set from 3377' to 5941'
Dry gas throughout test

Approved By Commission:	Conducted By: Joe F. Elledge	Calculated By: Joe F. Elledge	Checked By: Mr. Don Roberts
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