

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 7-5-77	
Company Palmer Oil & Gas Co.		Connection	
Pool Blanco		Formation Mesaverde	
Completion Date 6-27-77	Total Depth 6014	Plug Back TD 5974	Elevation 6580 G.L.
Farm or Lease Name Yager		Well No. 1	
Csg. Size 2.800	Wt. 20 #	Perforations: From 5620 To 5330	Unit E
Tbg. Size 2.375	Wt. 4.7	Perforations: From Open To Ended	Sec. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County San Juan
Producing Thru Tubing	Reservoir Temp. °F 0	Mean Annual Temp. °F	Baro. Press. - P _a 12 psi - Est.
L	H	G _g	% CO ₂
		0.650	% N ₂
			% H ₂ S
			Prover
			Meter Run
			Taps

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Reamer Line Size	X Choke Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	3 days					1093		1163	
1.	2 "	.750	319			319	60°	732	60°
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 Fpv	Rate of Flow Q, Mcfd
1	12.3650		331	1.000	.9608	1.033	4062
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 ²	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\frac{P_r^2}{P_r^2 - P_w^2} =$
1		744	553,536	827039	1.6693	1.4686
2.						
3.						
4.						
5.						

Absolute Open Flow	5965	Mcfd @ 15.025	Angle of Slope @	Slope, n	.75
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Remarks: **Dry gas throughout test.**

4.500-10.5% liner set from 5556' to 6010'

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