

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 11-18-77	
Company Palmer Oil & Gas Co.			Connection Northwest Pipeline		
Pool Blanco			Formation Mesaverde		
Completion Date 11-11-77		Total Depth 6222		Plug Back TD 6160	
		Elevation 6790 G.L.		Form or Lease Name Yager	
Csg. Size 7.000	Wt. 20#	d 4.456	Set At 2267	Perforations: From 5876 To 6123	
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6063	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 @		Mean Annual Temp. °F @	
		Baro. Press. - P _a 12 psia (est.)		State New Mexico	
L	H	Gg 0.580	% CO ₂ measured	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

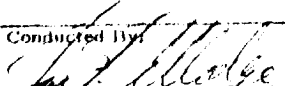
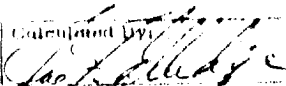
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI	7 days						1125		1126		
1.	2 inch	.750		381			381	600	888	60°	3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		393	1.000	1.017	1.029	5085
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 1138	P _c ² 1,295,044	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.6700}$	(2) 2.0887
NO.	P _t ²	P _w	P _w ²
1		900	310,000
2			
3			
4			
5			

Absolute Open Flow 10,621	Mcfd @ 15.025	Angle of Slope @ _____
Remarks: 4.500" 10.5// liner set from 3538' to 6209'		

Approved By Commission	Conducted By 	Calculated By 	Checked By: Mr. Don Roberts
------------------------	---	---	---------------------------------------

