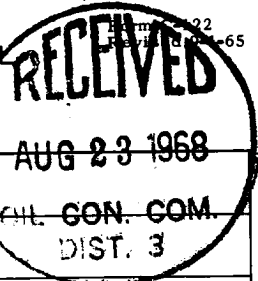


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-15-68																																																																																	
Company PAN AMERICAN PETROLEUM CORP.				Connection None																																																																																	
Pool Blanco				Formation Pictured Cliffs																																																																																	
Completion Date 8-8-68		Total Depth 2521		Plug Back TD 2472	Elevation /ZDS GL 5721/5732																																																																																
Csg. Size 4.5	Wt. 9.5	d 4.090	Set At 2521	Perforations: From 2390 To 2405																																																																																	
Tbg. Size 1.5	Wt. 2.9	d 1.610	Set At 2411	Perforations: From 2411 To Open Ended																																																																																	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None																																																																																	
Producing Thru Casing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°																																																																																	
				Baro. Press. - P _a 12 psia est.																																																																																	
State New Mexico																																																																																					
L 2397	H 2397	Gg .650 est.	% CO ₂	% N ₂	% H ₂ S																																																																																
Prover		Meter Run		Taps																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="5">FLOW DATA</th> <th colspan="2">TUBING DATA</th> <th colspan="2">CASING DATA</th> <th rowspan="2">Duration of Flow</th> </tr> <tr> <th>NO.</th> <th>Line Size</th> <th>X Choke Size</th> <th>Press. p.s.i.g.</th> <th>Diff. h_w</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> </tr> <tr> <td>SI</td> <td>7 Days</td> <td></td> <td></td> <td></td> <td></td> <td>733</td> <td></td> <td>733</td> <td></td> </tr> <tr> <td>1.</td> <td>2 Inch</td> <td>.750</td> <td>78</td> <td></td> <td></td> <td>87</td> <td>60° est.</td> <td>78</td> <td>60° est.</td> </tr> <tr><td>2.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	NO.	Line Size	X Choke 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					733		733		1.	2 Inch	.750	78			87	60° est.	78	60° est.	2.										3.										4.										5.									
FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow																																																																												
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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		90	1.000	.9608	1.000	1069																																																																														
2.																																																																																					
3.																																																																																					
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NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R																																																																																
1.					X X X X X X X X																																																																																
2.					X X X X X																																																																																
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P _c 745 P _c ² 555,025 NO P _t ² P _w R _w ² P _c ² - R _w ² 1 99 9801 545,224					(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{555,025}{545,224}$ (2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0152$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1085$																																																																																
2																																																																																					
3																																																																																					
4																																																																																					
5																																																																																					
Absolute Open Flow 1085 Mcfd @ 15.025					Angle of Slope θ _____		Slope, n .85																																																																														
Remarks: _____																																																																																					
Original Signed By: _____ G. W. EATON, JR.																																																																																					
Approved By Commission:			Conducted By: B. D. Dukas			Calculated By:		Checked By:																																																																													