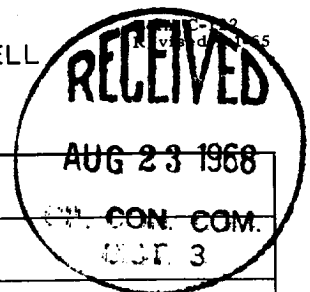


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 8-8-68				
Company Pan American Petroleum Corp.			Connection None					
Pool Blanco			Formation Pictured Cliffs		Unit			
Completion Date 8-1-68		Total Depth 2515	Plug Back TD 2472	Elevation / MBS GL 5773/5784	Farm or Lease Name Heath Gas Com "L"			
Csg. Size 4.5	Wt. 9.5	d 4.090	Set At 2511	Perforations: From 2406 To 2421				
Tbg. Size 1.5	Wt. 2.9	d 1.610	Set At 2354	Perforations: From 2354 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.				
L 2413	H 2413	G _g .650 est.	% CO ₂	% N ₂	% H ₂ S			
		Prover	Meter Run	Taps				
FLOW DATA			TUBING DATA		CASING DATA			
NO.	Excess Line Size 7 Days	X 2 Inch	Press. p.s.i.g. 116	Diff. hw	Temp. °F			
1.		.750						
2.								
3.								
4.								
5.								
RATE OF FLOW CALCULATIONS								
NO.	Coefficient (24 Hour) 12.3650	$\sqrt{h_w P_m}$	Pressure P _m 128	Flow Temp. Factor F _t 1.0000	Gravity Factor F _g 0.9608	Super Compress. Factor, F _{pv} 1.011	Rate of Flow Q, Mcfd 1538	
1.								
2.								
3.								
4.								
5.								
NO.	P _t	Temp. °R	T _t	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 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 853		P _c ² 727,609		(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{727,609}{706,584}$				(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0252$
NO.	P _t ²	P _w	R _w ²	P _c ² - R _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1577$			
1.		145	21025	706584				
2.								
3.								
4.								
5.								
Absolute Open Flow 1577				Mcf @ 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:		