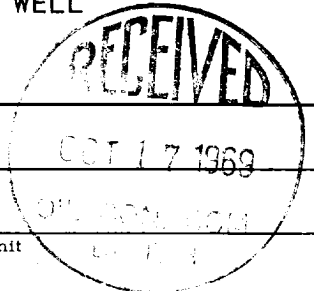


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 10-1-69	
Company PAN AMERICAN PETROLEUM CORP.				Connection None			
Pool South Blanco				Formation Pictured Cliffs		Unit L-1	
Completion Date 9-24-69		Total Depth 3050		Plug Back TD 3007		Elevation KFB GL 6581/6593	
Farm or Lease Name Jicarilla Cont. 146		Well No. 18					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 3042	Perforations: From 2931 To 2945		Unit Sec. Twp. Rge. 6 3 25 5	
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 2923	Perforations: From Open end To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia	
State New Mexico							
L 2923	H 2923	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Line Size	X	Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
SI	7 days						
1.	2 inch			81			
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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		93	1.000	.9608	1.010	1116
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _f	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 612 P _c ² 374,344					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4944$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4069$		
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1570$		
1		352	123,904	250,640			
2							
3							
4							
5							
Absolute Open Flow 1570 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: J. J. Layton	