

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

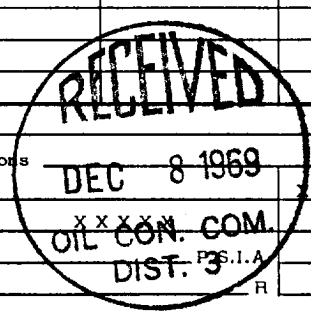
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-21-69				
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Basin				Formation Dakota				Unit	
Completion Date 11-14-69		Total Depth 7435		Plug Back TD 7400		Elevation / RDB GL 6652/6666		Farm or Lease Name Jicarilla Contract 155	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 7434	Perforations: From 7090 To 7308			Well No. 22		
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 7223	Perforations: From Open To End			Unit Sec. Twp. Rge. I 31 26 5		
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 60° Est.		Baro. Press. - P _a 12 PSIA		State New Mexico	
L 7199	H 7199	Gg .700 est.	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
1.	7 Days					1880		1915	
2.	2 Inch	.750	147			147	60°	497	3 Hrs.
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, F _{pv}	Rate of Flow Q, Mcfd
1.	12.3650		159	1.000	.9258	1.017	1851
2.							
3.							
4.							
5.							

NO.	P _t	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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R



P _c 1927	P _c ² 3,713,329	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3,713,329}{3,713,329 - 509^2}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0557}{1.0557}$
NO.	P _t ²	P _w	P _w ²
1.		509	259,081
2.			
3.			
4.			
5.			

Absolute Open Flow 1954 Mcfd @ 15.025		Angle of Slope ϕ _____		Slope, n .75	
Remarks: _____					
Approved By Commission:		Conducted By: B. D. Dukes		Checked By: J. J. Layton	