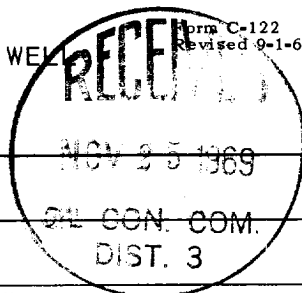


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-14-69	
Company PAN AMERICAN PETROLEUM CORP.				Connection None		
Pool South Blanco				Formation Pictured Cliffs		Unit
Completion Date 11-7-69		Total Depth 2890		Plug Back TD 2856		Elevation / RDB GL 6434/ 6448
Farm or Lease Name Jicarilla Contract 155						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 2881	Perforations: From 2754 To 2791		Well No. 21
Tbg. Size 1.660	Wt. 2.30	d 1.380	Set At 2764	Perforations: From Open End To		Unit Sec. Twp. Rge. N 29 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 Est. 60°		State New Mexico
Baro. Press. - P _a 12 psia est.						
L 2773	H 2773	G _g .650 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	Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days		Choke				606	606	
1.	2 Inch		.750	118			118	60° est.	503
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		130	1.000	.9608	1.011	1561
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 618	P _c ² 381,924	
NO.	P _t ²	P _w ²
1	515	265,225
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{3.2727}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{2.7394}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{4276}$$

Absolute Open Flow 4276 Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By: L. R. Chism	Checked By: J. J. Layton
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