

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

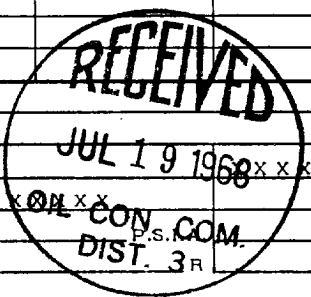
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-12-68	
Company PAN AMERICAN PETROLEUM CORP.				Connection None		
Pool South Blanco				Formation Pictured Cliffs		Unit
Completion Date 6-28-68		Total Depth 7450		Plug Back TD 7396		Elevation RDB GL 6638/6650
Farm or Lease Name Jicarilla Gas Com "C"						Well No. 1
Csg. Size 5.500	Wt. 144	d 5.012	Set At 7450	Perforations: From 2962 To 2995		Unit 1
Tbg. Size 1.5	Wt. 2.75	d	Set At	Perforations: From 2945 To 2951		Sec. 32
Type Well -- Single -- Bradenhead -- G.G. or G.O. Multiple Dual - G.G.				Packer Set At 7042		Twp. 26
Producing Thru Tubing				Baro. Press. - P_g 12 psia est.		Rge. 5
Reservoir Temp. °F 90° est. TD				Mean Annual Temp. °F 60° est.		County Rio Arriba
State New Mexico						
L 2941	H 2948	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover
			Meter Run	Taps		

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days				641		642		
1.	2 inch	.750	170		170	60°	531	60°	
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor F_t	Gravity Factor F_g	Super Compress. Factor, F_{pv}	Rate of Flow Q, Mcfd
1	12,3650		182	1.000	.9608	1.017	2199
2.							
3.							
4.							
5.							

NO.	P_r	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 634	P_c^2 427,716		
NO.	P_w^2	P_w	$P_c^2 - P_w^2$
1	543	294,849	132,867
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{427,716}{132,867}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.7012$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5940$$

Absolute Open Flow 5940 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: R. S. Lodoen
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