

NEW MEX CO 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 10-23-68	
Company PAN AMERICAN PETROLEUM CORP.			Connection None			
Pool Blanco			Formation Pictured Cliffs		Unit	
Completion Date 10-16-68		Total Depth 2627	Plug Back TD 2587		Elevation / MDB GL 5812/5825	
Farm or Lease Name E. E. Elliott "B"						
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2626	Perforations: From 2523 To 2538		
Well No. 11						
Tbg. Size 1.500	Wt. 2.9	d 1.610	Set At 2522	Perforations: From Open Ended		
Unit Sec. Twp. Rge. K 26 30 9						
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single			Packer Set At None		County San Juan	
Producing Thru Casing		Reservoir Temp. °F 90° @ TD est.	Mean Annual Temp. °F est. 60°	Baro. Press. - P _a 12 psia est.		
State New Mexico						
L 2531	H 2531	Gg .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 Choke	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days					477		477	
1.	2-Inch	.750	144			158	60°	144	60°
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		156	1.000	.9608	1.015	1881
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	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

NO.	P _c	P _w	P _r ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1	489	170	239,121	28,900	210,221	1.1157
2						
3						
4						
5						

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$		2099
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Absolute Open Flow	2099	Mcf/d @ 15.025	Angle of Slope @	Slope, n .85
Remarks:				

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: E. R. Hirst
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