

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

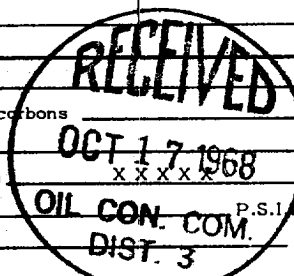
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date				
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Basin				Formation Dakota				Unit	
Completion Date 10-14-68		Total Depth 7041		Plug Back TD 7005		Elevation GL 5900/ 5913		Farm or Lease Name Federal Gas Com "L"	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7039	Perforations: From 6762 To 6987		Well No. 1			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6773	Perforations: From 6742 To 6736		Unit Sec. Twp. Rge. F 14 30 11			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Tubing		Reservoir Temp. °F 90° est. TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia est.		State New Mexico	
L 6875	H 6875	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	Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days		Choke				2060	2065	
1.	2-Inch		.750	377			377	60° est.	1313
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		389	1.000	.9258	1.047	4662
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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 2077	P _c ² 4,313,929	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{4,313,929}{2,558,304}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.4796$
NO	P _t ²	P _w	P _w ²
1		1325	1,755,625
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 6898$

Absolute Open Flow 6898 Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks:

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