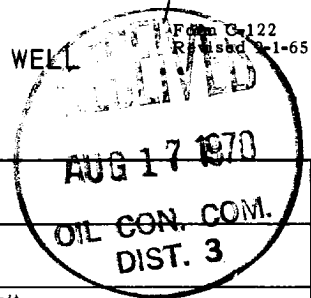


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form G-122
Revised 7-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-13-70	
Company PAN AMERICAN PETROLEUM CORP.				Connection None	
Pool Basin				Formation Dakota	
Completion Date 8-6-70		Total Depth 6381		Plug Back TD 6360	
				Elevation / RDB GL 5921/5934	
Farm or Lease Name Gallegos Canyon Unit					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6381	Perforations: From 6252 To 6344	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6322	Perforations: From Open End To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing		Reservoir Temp. °F 90°@ TD		Baro. Press. - P _a 12 PSIA Est.	
Mean Annual Temp. °F Est. 60°		State New Mexico		County San Juan	
L 6298	H 6298	Gg .680	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days						1838		1980		
1.	2 Inch		.750	206			206		614		
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 Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		218	1.000	.9393	1.023	2590
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 _____ 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 1992	P _c ² 3,968,064	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.1096	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 1.0811
NO.	P _t ²	P _w	P _w ²
1		626	391,876
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **2800**

2800 Mcfd @ 15.025

Absolute Open Flow	2800	Angle of Slope @	.75
Remarks:			

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By: <i>L.R. Chasen</i>	Checked By: J. J. Layton
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