

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

Form C-122
Revised 9-1-65

SEP 12 1969

OIL CON. COM.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-31-69	
Company PAN AMERICAN PETROLEUM CORP.				Connection None	
Pool South Blanco				Formation Pictured Cliffs	
Completion Date 8-24-69		Total Depth 7250		Plug Back TD 7211	
Csg. Size 4.5		Wt. 9.5#		Elevation /RDB GL 6457/6469	
Tbg. Size 2.375		Wt. 4.7#		Farm or Lease Name Jicarilla Contract 155	
Set At 7248				Well No. 12	
Perforations: From 2718 To 2728				Unit Sec. Twp. Rge. K 32 26 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G.				Packer Set At 6880	
Producing Thru Casing		Reservoir Temp. °F 90° @ TD Est.		Mean Annual Temp. °F 60° Est.	
Baro. Press. - P _a 12 PSIA Est.		State New Mexico		County Rio Arriba	
L 2723	H 2733	Gg .630	% 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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Day						592		
1.	2-Inch	.750	215				215	60° Est.	3 Hr.
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		227	1.000	0.9608	1.022	2756
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 604	P _c ² 364,816	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{364,816}{313,287}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1381$
NO.	P _t ²	P _w	P _w ²
1		227	51,529
2			
3			
4			
5			

Absolute Open Flow 3137 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Remarks: _____			
Original Signed By: G. W. EATON, JR.			
Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: J. J. Layton