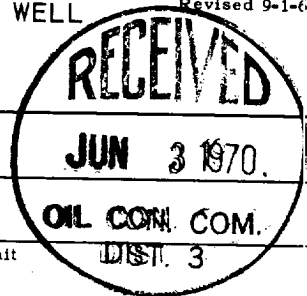


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 5-28-70	
Company PAN AMERICAN PETROLEUM CORP.				Connection None			
Pool Blanco				Formation Mesa Verde		Unit DIST. 3	
Completion Date 5-21-70		Total Depth 7023		Plug Back TD 5010		Elevation / HDS GL 5947/5959	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7023	Perforations: From 4045 To 4788		Well No. 1	
Tbg. Size 2.375	Wt. 4.7	d 1.993	Set At 4767	Perforations: From Open End To		Unit Sec. Twp. Rge. F 2 29 10	
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° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA Est.	
State New Mexico							
L 4417	H 4417	Gg .700	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run Taps

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days					1061		1067	
1.	2 Inch	.750	138			138	60° Est.	489	
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		130	1.000	.9258	1.016	1745
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	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 1079	P _c ² 1,164,241					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ 1.2748	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ 1.1997
1		301	251,001	913,240		
2						
3						
4						
5						

Absolute Open Flow 2093 Mcfd @ 15.025			Angle of Slope θ _____	Slope, n .75
Remarks: _____				
Original Signed By G. W. EATON, JR.				
Approved By Commission:	Conducted By: B. D. Dukas	Calculated By:	Checked By: J. J. Layton	