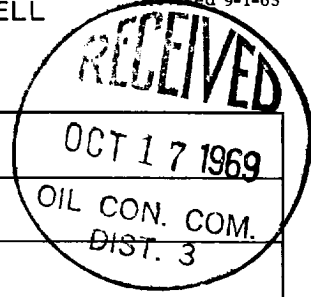


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-3-69	
Company PAN AMERICAN PETROLEUM CORP.			Connection None		
Pool Basin			Formation Dakota		Unit
Completion Date 9-26-69		Total Depth 7454'		Plug Back TD 7420'	Elevation RDB GL 6581/6595
Farm or Lease Name Jicarilla Cont. 146					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7454	Perforations: From 7076 To 7302	
Well No. 17					
Tbg. Size 2-3/8	Wt. 4.7	d 1.995	Set At 7090	Perforations: From Open Ended To	
Unit Sec. Twp. Rge. G 3 25 5					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County Rio Arriba	
Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia est.	
State New Mexico					
L 7090	H 7090	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	Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 days		choke				2440	2427	
1.	2 inch	.750		185			185	60° est.	522
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		197	1.000	.9258	1.025	2312
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 7452	P _c ² 6,012,394	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0498$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0371$
NO.	P _t ²	P _w	P _w ²
1		534	285,156
2			
3			
4			
5			

Absolute Open Flow 2398 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Original Signed By _____			
Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: J. J. Layton