

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

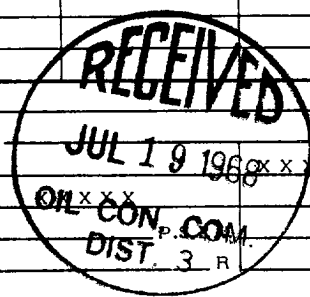
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 7-5-68	
Company PAN AMERICAN PETROLEUM CORP.		Connection None	
Pool Basin		Formation Dakota	
Completion Date 6-28-68	Total Depth 7450	Plug Back TD 7396	Elevation RDB GL 6638/6650
Farm or Lease Name Jicarilla Gas Com "C"			Well No. 1
Csg. Size 5.500	Wt. 14#	d 5.012	Set At 7450
Perforations: From 7121 To 7394			
Tbg. Size 2.0625	Wt. 3.25	d 1.751	Set At 7270
Perforations: From 7238 To 7244			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - G.G.		Packer Set At 7042	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F 90° est. TD	Mean Annual Temp. °F 60° est.	Baro. Press. - P _a 12 psia est.
State New Mexico			
L 7241	H 7241	Gg .70	% 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						2155		
1.	2 Inch		.750	300			300	60°	3 Hrs.
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		312	1.000	.9258	1.037	3704
2.							
3.							
4.							
5.							

NO.	F _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bol.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deg.
2.					Specific Gravity Separator Gas	
3.					Specific Gravity Flowing Fluid	
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R



P _c 2155	P _c ² 4,644,025	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{4,644,025}{4,546,681}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0^*$
NO	P _t ²	P _w	R _w ²
1		312	97,344
2			
3			
4			
5			

Absolute Open Flow 3763 Mcfd @ 15.025		Angle of Slope Θ	Slope, n
Remarks:			
Original Signed By J. W. HATON, JR.			
Approved By Commission:	Conducted By: B. D. Dukas	Calculated By:	Checked By: