

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 7-12-68				
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Basin				Formation Dakota				Unit	
Completion Date 7-5-68		Total Depth 8350		Plug Back TD 8312		Elevation EDS GL 7256/7268		Farm or Lease Name Jicarilla Apache 151	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 8348	Perforations: From 8112 To 8236		Well No. 2			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 8203	Perforations: From Open to Ended		Unit Sec. Twp. Rge. A 10 26 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At		County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F 90° est. TD		Mean Annual Temp. °F 60° est.		Baro. Press. - P _g 12 psia est.		State New Mexico	
L 8174	H 8174	Gg .700 est.	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	Line Size	X Choke	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI	7 Days					2232		2194	
1.	2 Inch	.750	220			220	60° est.	911	60° est.
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		232	1.000	.9258	1.027	2728
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	RECEIVED JUL 22 1968 OIL CON. COM. DIST. 3	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
				Specific Gravity Separator Gas _____ X X X X X X X X			
				Specific Gravity Flowing Fluid _____ X X X X X			
				Critical Pressure _____ P.S.I.A. _____ P.S.I.A.			
				Critical Temperature _____ R _____ R			

P _c 2244	P _c ² 5035,536	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{5,035,536}{4,183,607}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1491$	
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		923	851,929	4,183,607	
2					
3					
4					
5					

Absolute Open Flow 3135 Mcfd @ 15.025			Angle of Slope θ _____		Slope, n .75
Remarks: _____					
Approved By Commission:		Conducted By: B. D. Dukes		Checked By: R. S. Lodoen	