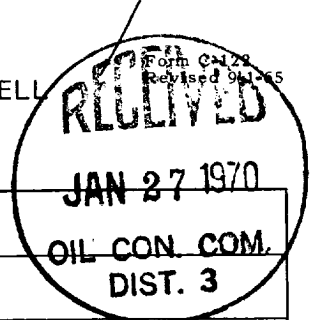


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 1-16-70			
Company PAN AMERICAN PETROLEUM CORP.					Connection None			
Pool Basin					Formation Dakota		Unit	
Completion Date 1-9-70			Total Depth 7965		Plug Back TD 7930		Elevation / RDB GL 6282/ 6296	
Farm or Lease Name Mabel C. Senter					Well No. 1			
Csg. Size 4.5	Wt. 11.6	d 4.000	Set At 7965	Perforations: From 7825 To 7920				
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7735	Perforations: From Open End To		Unit C	Sec. 23	Twp. 31
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County Rio Arriba	
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 7873	H 7873	G _g .700	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1.	7 Days					2610		2610		3 Hr.
1.	2"		.750	107		107		414	60°	
2.										
3.										
4.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd
1.	12.3650		119	1.000	.9258	1.014	1381
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	Z	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			
1.								
2.								
3.								
4.								
5.								

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1.		426	181,476	6,693,408	1.0271	1.0202
2.						
3.						
4.						
5.						

Absolute Open Flow 1409 Mcfd @ 15.025				Angle of Slope θ _____	Slope, n .75
Remarks: _____					
Approved By Commission:		Conducted By: B. D. Dukes		Checked By: J. J. Layton	