

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Basin			Formation Dakota			County San Juan				
Initial X		Annual		Special		Date of Test 4-27-66				
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Callegos Canyon Unit			Well No. 232			
Unit M	Sec. 26	Twp. 28N	Range 12W		Purchaser					
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6301		Perf. 6165-90 6093-97	To 6113-6118				
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6098		Perf. 6061	To 6067				
Gas Pay:	From 6093	To 6190	L 6142	G .700	GL 4299	Bar. Press. 12				
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single					
Date of Completion 4-18-66		Packer None			Reservoir Temp.					
OBSERVED DATA										
Tested Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps				
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	Specimen (Line) Size	(Choke) Specimen Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	9 Days					1965		1966		
1.	2 Inch	.750	419			419	60° est.	958	60° est.	3 Hr.
2.										
3.										
4.										
5.										
FLOW CALCULATIONS										
No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia			
1.	12.3650		431	1.0000	.9258	1.054	5200			
2.										
3.										
4.										
5.										
PRESSURE CALCULATIONS										
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____					
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____					
F _c _____ (1-e ^{-S}) _____					P _c 1978 P _c ² 3,912,484					
No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$	
1.						940,900	2,971,584			
2.										
3.										
4.										
5.										

ABSOLUTE POTENTIAL: **6391** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**

