

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

Form C-122
Revised 12-1-55

Basin X			Formation Dakota			County San Juan				
Annual		Special		Date of Test 3-2-66						
Company PAN AMERICAN PETROLEUM CORPORATION			Lease Gallegos Canyon Unit			Well No. 213				
Point J	Sec. 8	Twp. 28N	Range 12W		Purchaser					
Perfor. 4.500	Wt. 10.5	I.D. 4.052	Set at 6244		Perf. 6138-48 6138-6168		To 6066-78			
Perfor. 2.375	Wt. 4.7	I.D. 1.995	Set at 6098		Perf. 6060		To 6066			
From 6066	To 6168	L 6117	G .700	GL 4282	Bar. Press. 12					
Casing		Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single						
Time of Completion 2-23-66		Packer None		Reservoir Temp.						
OBSERVED DATA										
Producing Through: Prover ☐ Choke ☒ Meter ☐				Type of Taps						
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	Flow (24 hr) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 Days					1979		1967		3 hr.
1.	2 inch	.750	264			264	60°	875	60°	
2.										
3.										
4.										
FLOW CALCULATIONS										
No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		276	1.0000	.9258	1.032	3261			
2.										
3.										
4.										
PRESSURE CALCULATIONS										
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____					
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____					
P _e _____ (1-e ^{-S}) _____					P _e 1991 P _c ² 3,964,081					
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.						786,769	3,177,312			
2.										
3.										
4.										
5.										

ABSOLUTE POTENTIAL: **3849** 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**

