

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 XX		Annual		Date of Test 12-15-65	
Company PAN AMERICAN PETROLEUM CORP.		Lease Gallegos Canyon Unit		Well No. 193	
Unit R	Sec. 30	Twp. 28-N	Range 12-W	Purchaser	
Casing 4-1/2"	Wt. 10.50	I.D. 4.032	Set at 6261'	Perf. 6099-6115'	To 6134-84'
Tubing 2-3/8"	Wt. 4.70	I.D. 1.995	Set at 6125'	Perf. 6088'	To 6094'
Gas Pay:	From 6099'	To 6184'	L 6142'	G .700	GL 4299'
Producing Through:		Casing	Tubing XX	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 12-8-65		Packer None		Reservoir Temp.	

OBSERVED DATA

Tested Through:						Type of Taps				
Prover ☐ Choke ☒ Meter ☐										
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Choke) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. hw	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	7 days					1998		1999		
1.	2 inch		781			781	60° est	1526	60° est	3 hour
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-MCFPD @ 15.025 psia
1.	12.3650		793	1.0000	.9258	1.106	10,039
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 **2011** P_c^2 **4,044,121**

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.						2,365,444	1,678,677		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **19,412** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORP.**

WITNESSED _____

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

COMPANY _____

AGENT AND TITLE

ORIGINAL FILED IN
G. W. Eaton, Jr., Area Engineer

