

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Sakata		County San Juan	
Initial XX		Annual		Date of Test 12-22-65	
Company PAN AMERICAN PETROLEUM CORP.		Lease Gallegos Canyon Unit		Well No. 200	
Unit M	Sec. 29	Twp. 29-N	Range 12-W	Purchaser	
Casing 4-1/2"	Wt. 10.54	I.D. 4.052	Set at 5962'	Perf. 5804-14'	To 5804-5914'
Tubing 2-3/8"	Wt. 4.74	I.D. 1.995	Set at 5826'	Perf. 5789'	To 5795'
Gas Pay:	From 5806'	To 5914'	L 5840'	G .700	GL 4102' Bar. Press. 12
Producing Through:		Casing	Tubing XX	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 12-12-65		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.	(Line) Size	(Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	10 days					2063		2067		
1.	2 inch	.750	441			441	60° est	841	60° est	3 hour
2.										
3.										
4.										
5.										

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		455	1.0000	.9258	1.057	5481
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 **2079** P_c² **4,322,241**

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.						727,409	3,594,632		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6293** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **P. O. Box 480, Farmington, New Mexico** COMPANY _____

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

