

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		Special		Date of Test 1-13-66		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Gallegos Canyon Unit			Well No. 191	
Unit P	Sec. 32	Twp. 28-N	Range 12-W		Purchaser			
Casing 4-1/2"	Wt. 10.5	I.D. 4.052	Set at 6028		Perf. 5868-84	To 5916-38		
Tubing 2-3/8"	Wt. 4.7	I.D. 1.995	Set at 5885		Perf. 5848	To 5854		
Gas Pay:	From 5868	To 5938	L 5903	G .700	GL 4132	Bar. Press. 12		
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 1-6-66		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.	DATE (Line) Size	(Choke) 10000 Size	Press. psig.	Diff. h _v	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	7 days					1980		1983		
1.	2 "	.750	372			372	60° est.	939	60° est.	3 hrs.
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		384	1.0000	.9258	1.047	4603
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 **1995** P_c² **3,980,025**

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	P _w
1.						904,401	3,075,624		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5585** 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**

