

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		Date of Test 4-20-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 229	
Unit H	Sec. 21	Twp. 28N	Range 12W	Purchaser	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6110	Perf. 5889-99 5958-68	To 5978-88
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 5858	Perf. 5821	To 5827
Gas Pay:	From 5889	To 5988	L 5939	G .700	GL 4157 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 4-9-66		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.	XXXX (Line) Size	(Choke) XXXX Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	11 Days					2047		2049	
1.	2 Inch	.750	816			816	60° est.	1732	60° est.
2.									
3.									
4.									
5.									

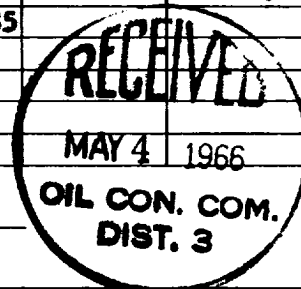
FLOW CALCULATIONS

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 P D @ 15.025 psia
1.	12.3650		828	1.0000	.9258	1.110	10,521
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 **2061** P_c² **4,247,721**

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	Cd P _w	$\frac{P_w}{P_c}$
1.						3,041,536	1,206,185		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **27,046** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE
 Original Signed By
G. W. EATON, JR.
G. W. Eaton, Jr., Area Engineer