

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 November 22, 1965			
Company PAN AMERICAN PETROLEUM CORPORATION				Lease P. O. Pipkin			Well No. 6		
Unit 0	Sec. 18	Twp. 27-N	Range 10-W		Purchaser El Paso Natural Gas Company				
Casing 4-1/2"	Wt. 10.5#	I.D. 4.052"	Set at 6315'		Perf. 6108-20', 6138-48'	To 6204-26'			
Tubing 2-3/8"	Wt. 4.7#	I.D. 1.995"	Set at 6126'		Perf. 6089'	To 6095'			
Gas Pay:	From 6108'	To 6226'	L 6167'	G .700	GL 4317'	Bar. Press. 12			
Producing Through:			Casing	Tubing XX	Type Well - Single - Braden head - G.G. or G.O. Dual Single				
Date of Completion November 14, 1965		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.	(Proven) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.
SI	8 days					1826		1829	
1.	2 inch	.750	266			266	60° Est	630	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 F D @ 15.025 psia		
1.	12.3650		278	1.000	.9258	1.033	3287		
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 1841 P _c ² 3,389,281				
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.						412,164	2,977,117		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3624** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE **ORIGINAL SIGNED BY
BY: F. H. HOLLINGSWORTH
G. W. Eaton, Jr., Area Engineer**

