

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

Form C-122
Revised 12-1-55

Pool Basin		Formation San Juan		County San Juan	
Initial X		Annual		Date of Test 10-17-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease J. F. Ball		Well No. 02	
Unit B	Sec. 3	Twp. 30N	Range 13W	Purchaser (when El Paso Natural Gas Co. (connected))	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6481	Perf. 6416-26	To 6480-04, 6510-30, 6504-0412
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6627	Perf. 6590	To 6596
Gas Pay:		From 6416	To 6612	L 6514	G .700
				GL 4560	Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 10-7-66		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	10 Days					1836		1757		
1.	2"	.750	300			300	60° est.	1137	60° est.	3 Hr.
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		401	1.0000	.9250	1.050	4830
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 **1836** P_c² **3,378,244**

No.	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.						13,8001	1,638,043		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6090** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED **None**

ADDRESS **P. O. Box 400, Farmington, N. Mex.** COMPANY _____

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

