

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	Special	Date of Test 10-26-66		
Company PAN AMERICAN PETROLEUM CORPORATION		Lease T. L. Rhodes "C"		Well No. 3	
Unit B	Sec. 31	Twp. 28N	Range 11W	Purchaser El Paso Natural Gas Co. (when connected)	
Casing 4.500	Wt. 10.5	I.D. 4.032	Set at 6570	Perf. 6370-6378 6394-6402	To 6448-6460 6494-6506
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6387	Perf. 6350	To 6356
Gas Pay:	From 6370	To 6506	L 6418	G .700	GL 4507
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 10-16-66		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.	(Proven) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
1.	8 days					1921		1908		3 Hr.
2.	2"	.750	440			440	60° est.	931	60° est.	
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (1/4 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		452	1.0000	.9258	1.057	5440
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 **1933** P_c² **3,736,489**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	$\frac{P_w^2}{P_c^2}$	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.						889,340	2,847,149		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6705** MCFPD; n **.75**

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

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

AGENT AND TITLE _____ COMPANY _____

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

