

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Sahota		County Rio Arriba	
Initial		Annual		Date of Test 12-16-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Jicarilla Contract 155		Well No. 19	
Unit A	Sec. 29	Twp. 26N	Range 5W	Purchaser El Paso Natural Gas Co. when connected	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 7360	Perf. 7022-7028 7036-7042 7152-7168	To 7237-7243 7266-7272
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 7024	Perf. 6987	To 6993
Gas Pay:	From 7022	To 7272	L 7147	G .700	GL 3574
					Bar. Press. 12
Producing Through:		Casing	Tubing 2X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 12-9-66		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.	(Prover) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 Days					2388		2367		
1.	2 Inch	.750	257			257	60° est.	469	60° est.	1 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.	12.9650		269	1.0000	.9258	1.032	3178
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 **2400** P_c² **5,760,000**

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.						463,761	5,296,239		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3384** MCFPD; n **.75**

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

ADDRESS **Box 488, Farmington, New Mexico** COMPANY _____

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

