

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Delata		County San Juan	
Initial I		Annual		Special	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease T. L. Rhodes "C"		Well No. 2	
Unit P	Sec. 30	Twp. 28N	Range 11W	Purchaser El Paso Natural Gas Co. (connected)	
Casing 4.500	Wt. 10.5	I.D. 4.032	Set at 6562	Perf. 6364-74 6388-96	To 6442-6468
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6365	Perf. 6328	To 6334
Gas Pay:	From 6364	To 6448	L 6416	G .700	GL 4491
					Bar. Press. 12
Producing Through:		Casing	Tubing I	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	
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FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	Flow Rate (line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1.	8 days					1932		1929	
1.	2"	.750	187			187	60° est.	534	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 PD @ 15,025 psia
1.	12.3650		199	1.0000	.9256	1.023	2330
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 **1944** P_c² **3,779,136**

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.						298,116	3,481,020		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2478** MCFPD; n **.75**

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

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

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

