

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

Form C-122
Revised 12-1-55

Basin Basin		Formation Dakota		County San Juan	
Initial X	Annual	Special	Date of Test 7-6-66		
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Federal Gas Com "J"		Well No. 1	
Unit H	Sec. 24	Twp. 27N	Range 12W	Purchaser El Paso Natural Gas Co. (when comm'd)	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6391	Perf. 6300	To 6320
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6281	Perf. Open	To Ended
Gas Pay:	From 6300	To 6320	L 6310	G .700	GL 4417
			Bar. Press. 12		
Producing Through:		Casing X	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 6-28-66		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.	
SI	8 Days					1910		1910	
1.	2 Inch	.750	256			256	60° est.	603	60° est. 3 Hr.
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		268	1.0000	.9258	1.032	3166
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 **1922** P_c² **3,694,084**

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.						378,225	3,315,859		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3433** MCFPD; n **.75**

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

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

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

