

**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 7-16-66		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease State Gas Com "BI"			Well No. 1	
Unit F	Sec. 16	Twp. 30N	Range 13W		Purchaser when El Paso Natural Gas Co. (connected)			
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6221		Perf. 5980-6005	To 6065-6080		
					Perf. 6040-6045	To 6090-6115		
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 5998		Perf. 6050-6055	To 6146-6165		
					Perf. 5961	To 5967		
Gas Pay:	From 5980	To 6165	L 6073	G .700	GL 4251	Bar. Press. 12		
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 7-6-66		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) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	10 Days					1931		1938		
1.	2 Inch	.750	561			561	60° est.	1229	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 _f	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia
1.	12.3650		573	1.0000	.9258	1.073	7038
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 _____
 P_c _____ (1-e^{-S}) _____ P_c **1950** P_c² **3,802,500**

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.						1,540,081	2,262,419		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **10,389** MCFPD; n **.75**

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

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

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

