

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Devota		County San Juan	
Initial	Annual	Special	Date of Test 7-6-65		
Company X		Lease A. L. Elliott "B"		Well No. 6	
PAN AMERICAN PETROLEUM CORPORATION		Range		Purchaser	
Casing 8	Wt. 10	I.D. 29 1/2	Set at 9 1/2	Perf. 6898-6916	To 7044-7074
Tubing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 7101	Perf. 6990-7000	To 7044-7074
2-3/8	4.7	1.993	6098	6261	6867
Gas Pay:	6898	7074	6261	.700	4874
Producing Through:		X		Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 6-28-65		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) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	8 days					2024		2027		
2.	2 inch	.790	167			167	60° est	674	60° est	3 hr.
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 P D @ 15.025 psia
1.							
2.	11.3650		179	1.0000	.9258	1.021	2092
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 **2039** P_c² **4,157,521**

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.						470,596	3,686,925		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2389** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE **F. L. Nabors, District Engineer**

Original Signed By :
By **G. W. EATON, JR.**



