

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

Form C-122
Revised 12-1-55

Pool		Formation		County	
Basin		Dakota		San Juan	
Initial	Annual	Special	Date of Test		
X			8-26-65		
Company		Lease		Well No.	
PAN AMERICAN PETROLEUM CORP.		W. D. Heath "B"		3	
Unit	Sec.	Twp.	Range	Purchaser	
0	31	30N	9W		
Casing	Wt.	I.D.	Set at	Perf.	To
4-1/2	10.5	4.052	6808	6648-60	6736-64
Tubing	Wt.	I.D.	Set at	Perf.	To
2-3/8	4.7	1.993	6673	6636	6642
Gas Pay:	From	To	L	G	GL
	6648	6764		.700	Bar. Press.
Producing Through:		Type Well - Single - Braden head - G.G. or G.O. Dual			
Date of Completion		X		Single	
8-19-65		None		Reservoir Temp.	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps	
FLOW DATA					TUBING DATA	
No.	(Prover) (L) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	DURATION OF FLOW HR.
1.	7 Days					
2.	2 Inch	.750	266			
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.							
2.	12.3650		278	1.000	.9238	1.033	3287
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.

Gravity of Liquid Hydrocarbons _____ deg.

F_c _____ (1-e^{-S})

Specific Gravity Separator Gas _____

Specific Gravity Flowing Fluid _____

P_c **1538** P_c² **2,427,364**

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.									
2.						521,284	1,906,080		
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3940** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY Original Signed By **G. W. EATON, JR.**

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

