

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

Form C-122
Revised 12-1-55

Pool Basin Dakota		Formation Dakota			County San Juan	
Initial XXXX		Annual		Special		Date of Test 2-2-65
Company PAN AMERICAN PETROLEUM CORPORATION			Lease Eye Gas Unit "B"			Well No. 1
Unit B	Sec. 7	Twp. 28N 29	Range 9W	Purchaser		
Casing 4-1/2	Wt. 10.3	I.D. 4.032	Set at 6372	Perf. 6431-37 6432-38	To 6300-20 6326-38	
Tubing 2-3/8	Wt. 4.7	I.D. 1.992	Set at 6444	Perf. 6400	To 6414	
Gas Pay:	From 6431	To 6330	L 6485	G .700	GL 4560	Bar. Press. 12
Producing Through:		Casing XXXX	Tubing XXXX	Type Well - Single - Braden head - G.G. or G.O. Dual Single		
Date of Completion 1-24-65		Packer None		Reservoir Temp.		

OBSERVED DATA

Tested Through:			Prover <input type="checkbox"/>	Choke <input checked="" type="checkbox"/>	Meter <input type="checkbox"/>	Type of Taps				
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.	
No.	Prover (Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	9 days					2134		2161		
1.	2 inch	.750	361			361	60° est.	1304	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.	11.3630		373	1.000	.9250	1.073	7036
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 **2173** P_c^2 **4,721,929**

No.	$\frac{P_w}{P_t}$ psia	P_t^2	$F_c Q$	$(F_c Q)^2$	$(F_c Q)^2 (1-e^{-S})$	$\frac{P_w^2}{w}$	$P_c^2 - P_w^2$	Cal $\frac{P_w}{P_c}$	$\frac{P_w}{P_c}$
1.						1,721,636	2,990,673		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **9,914** MCFPD; n **.73**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

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

ORIGINAL SIGNATURE

