

**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		Date of Test 8-3-65	
Company PAN AMERICAN PETROLEUM CORP.		Lease Pease Gas Unit		Well No. 1	
Unit X	Sec. 23	Twp. 29N	Range 13W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.032	Set at 6274	Perf. 6090-6101	To 6134-82
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6119	Perf. 6081	To 6087
Gas Pay:	From 6090	To 6102	L 6134	G .700	GL 4293
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 7-26-65		Packer None		Reservoir Temp.	

OBSERVED DATA

Tested Through:								Type of Taps		
Prover ☐ Choke ☒ Meter ☐										
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.	
1.	2 inch	.750	306			1063	60°	1067	60°	3 hr.
2.										
3.										
4.										
5.										

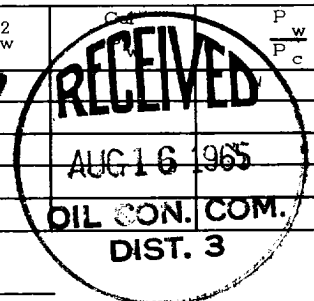
FLOW CALCULATIONS

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.	12.3630		318	1.000	.9230	1.030	3782
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 **1870** P_c² **3,530,641**

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	$\frac{P_w}{P_c}$
1.						339,964	3,000,657	
2.								
3.								
4.								
5.								



ABSOLUTE POTENTIAL: **4273** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____
Box 400, Farmington, New Mexico
 ADDRESS _____ COMPANY _____
G. W. Eaton, Jr., Area Engineer
 AGENT AND TITLE _____