

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 8-23-65		
Company PAN AMERICAN PETROLEUM CORP.			Lease McCoy Gas Unit "D"			Well No. 1		
Unit H	Sec. 28	Twp. 30N	Range 12W		Purchaser EPNG (when connected)			
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6298		Perf. 6078-84 6150-66		To 6222-38	
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6079		Perf. 6041		To 6047	
Gas Pay:	From 6078	To 6238	L 6158	G .700	GL 4311	Bar. Press. 12		
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 8-16-65		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.	2 1/2 (Line) Size	2 1/2 (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	7 Days					1898		1874		
1.	2 Inch	.750	434			434	60° est.	956	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 P D @ 15,025 psia
1.	12,3650		446	1.0000	.9258	1.055	5387
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 **1910** P_c^2 **3,648,100**

No.	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.						937,024	2,711,076		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **6730** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

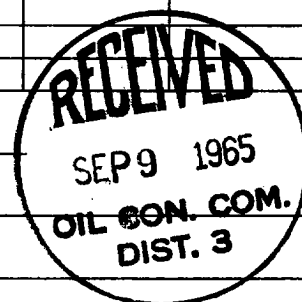
ADDRESS **Box 480, Farmington, New Mexico**

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

WITNESSED _____

COMPANY Original Signed By: _____

G. W. EATON, JR.



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