

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 I		Annual		Special	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Elliot Gas Unit "E"		Date of Test 6-10-65	
Unit A		Sec. 34		Twp. 30N	
Casing 4-1/2		Wt. 10.5		I.D. 4.052	
Tubing 2"		Wt. 3.4		I.D. 1.751	
Gas Pay:		From 6040		To 6072	
Producing Through:		Casing		Tubing I	
Date of Completion 6-11-65		Packer None		Reservoir Temp.	
Set at 7002		Perf. 6040-66		To 6034-72	
Set at 6076		Perf. 6045		To 6035	
GL 4034		Bar. Press. 12		Type Well - Single - Braden head - G.G. or G.O. Dual Single	

OBSERVED DATA

Tested Through:		Prover ☐		Choke ☒		Meter ☐		Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	7 Days					2100		2100		
1.	2 Inch	.750	206			206	60° est.	1244	60° est.	3 Hrs.
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		200	1.000	.9250	1.036	2335
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 **2121** P_c² **4,498,641**

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	Cal P _w	$\frac{P_w}{P_c}$
1.						1,577,336	2,921,105		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **4886** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

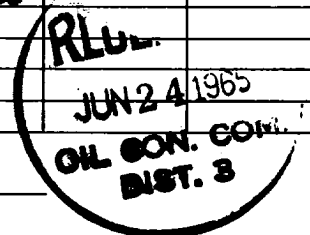
ADDRESS **Box 480, Farmington, New Mexico**

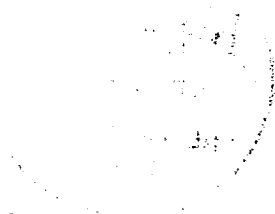
AGENT AND TITLE **F. L. Mahors, District Engineer** By: _____

WITNESSED _____

COMPANY _____

ORIGINAL SIGNED BY
F. W. Foell



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