

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 7-6-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Martin Gas Unit "E"		Well No. 1	
Unit L	Sec. 15	Twp. 27N	Range 10W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6401	Perf. 6352-70 6394-6400	To 6444-56/ 6512 6400-68 6524
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6358	Perf. 6341	To 6347
Gas Pay:	From 6352	To 6524	L 6438	G .700	GL 4507 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 6-25-65		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.	(Prover) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.	2 inch	.750	463		1846	483	60° est.	1846	997	3 hr.
2.										
3.										
4.										
5.										

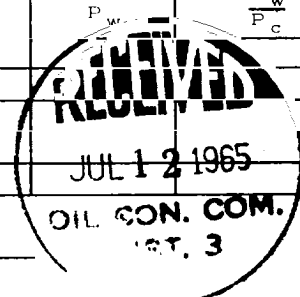
FLOW CALCULATIONS

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.	12.3630		475	1.0000	.9758	1.060	5763
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 **1.858**
 F_c _____ (1-e^{-S}) _____ P_c **1858** P_c² **3,452,164**

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.						2,371,083			
2.									
3.									
4.									
5.									



7638 MCFPD; n **.75**

ABSOLUTE POTENTIAL: _____

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

Box 480, Farmington, New Mexico

ADDRESS _____ Original Signed By _____

F. L. Nabors, District Engineer By **G. W. EATON, JR.**

AGENT AND TITLE _____