

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 4-28-65		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Cork Gas Unit "B"			Well No. 1	
Unit G	Sec. 30	Twp. 29N	Range 9W	Purchaser El Paso Natural Gas Co. (when connec.)				
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6620	Perf. 6490-6502	To 6546-58/6548-80			
Tubing 2"	Wt. 3.4	I.D. 1.751	Set at 6504	Perf. 6473	To 6504			
Gas Pay:	From 6435	To 6580	L 6508	G .700	GL 4536	Bar. Press. 12		
Producing Through:			Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 4-21-65		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	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.				
SI	7 Days					1877		1879					
1.	2 Inch	.750	300			300	60° est.	1186	60° est.	3 hr.			
2.													
3.													
4.													
5.													

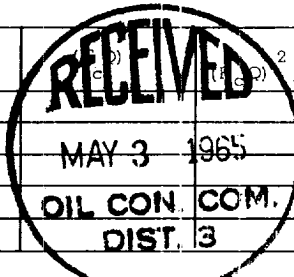
FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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.	12.3650		312	1.000	.9258	1.037	3704
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/boil. Specific Gravity Separator Gas _____
 Gravity of Liquid Hydrocarbons _____ deg. Specific Gravity Flowing Fluid _____
 F_c _____ (1-e^{-S}) _____ P_c **1891** P_c² **3,573,881**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	$\left(\frac{P_w}{P_t}\right)^2 (1-e^{-S})$	P _w ²	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.					1,435,204	3,140,677		
2.								
3.								
4.								
5.								



ABSOLUTE POTENTIAL: **3442** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY **ORIGINAL SIGNED BY**

AGENT AND TITLE **F. L. Nabers, District Engineer** By **F. W. Foell**