

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 10-11-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Jennaph "A" Gas Com.		Well No. 1	
Unit H	Sec. 36	Twp. 28N	Range 9W	Purchaser El Paso Natural Gas Co - when connected	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6574	Perf. 6442-6472	To 6525-6534 6548-6557
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6464	Perf. 6426	To 6432
Gas Pay:	From 6442	To 6557	L 6500	G .700	GL 4550 Bar. Press. 12
Producing Through:		Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 10-3-65		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.	(Broken (Line) Size	(Choke) XXXXXX Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
SI	8 Days					2085		2091		
1.	2 Inch	.750	289			289	60° F.	862	60° F.	3 Hr.
2.										
3.										
4.										
5.										

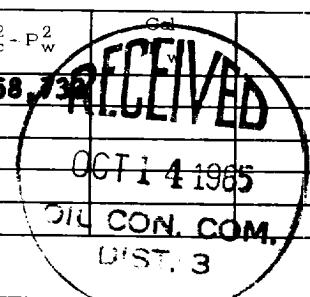
FLOW CALCULATIONS

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.	12.3650		301	1.0000	.9258	1.036	3570
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_e _____ (1-e^{-S}) _____ P_c **2103** P_c² **4,422,609**

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.						763,876	3,658,732	
2.								
3.								
4.								
5.								



ABSOLUTE POTENTIAL: **4115** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

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