

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 1-14-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Heath Gas Com "K"		Well No. 1	
Unit G	Sec. 32	Twp. 30-N	Range 9-W	Purchaser	
Casing 4-1/2"	Wt. 10.5	I.D. 4.052	Set at 7049	Perf. 6808-26	To 6916-42
Tubing 2-3/8"	Wt. 4.7	I.D. 1.995	Set at 6782	Perf. 6746	To 6752
Gas Pay:	From 6808	To 6942	L 6875	G .700	GL 5500
				Bar. Press. 12	
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 1-7-66		Packer None		Reservoir Temp:	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps	
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FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(P. Factor (Line) Size	(Choke) (O. Factor Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	7 days					2052		2052	
1.	2 "	.750	324			324	60° est.	832	60°
2.									
3.									
4.									
5.									

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _f	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia
1.	12.3650		336	1.0000	.9258	1.040	4001
2.							
3.							
4.							
5.							

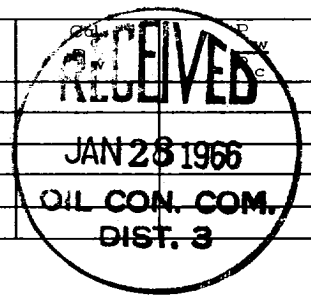
PRESSURE CALCULATIONS

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 **2064** P_c² **4,260,096**

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
1.						712336	3547760
2.							
3.							
4.							
5.							



ABSOLUTE POTENTIAL: **4590** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **P. O. Box 480, Farmington, New Mexico** COMPANY _____

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