

File

NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 12-1-55

Pool Basin		Formation Nabata		County San Juan	
Initial I		Annual		Date of Test 7-29-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease T. L. Rhodes "B"		Well No. 1	
Unit 0	Sec. 20	Twp. 28N	Range 11W	Purchaser El Paso Natural Gas Co. (when connected)	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6248	Perf. 6061-6072	To 6113-6142
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6070	Perf. 6033	To 6039
Gas Pay:	From 6061	To 6142	L 6102	G .700	GL 4271
				Bar. Press. 12	
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 7-21-66		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.		
SI	8 days					1932		1934	
1.	2 inch	.730	102			102	60° est.	496	60° est.
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		194	1.0000	.9258	1.022	2,270
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 **1946** P_c² **3,865,156**

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.						238,064	3,607,092		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2391** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____
ADDRESS **Box 400, Farmington, New Mexico** COMPANY _____
Original Signed By: **G. W. EATON, JR.**
AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**

