

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Sabota		County San Juan	
Initial I	Annual	Special	Date of Test 10-17-66		
Company PAN AMERICAN PETROLEUM CORPORATION		Lease J. F. Bell		Well No. 1	
Unit I	Sec. 10	Twp. 30N	Range 13W	Purchaser (When El Paso Natural Gas Co. (connected))	
Casing 4.300	Wt. 10.5	I.D. 4.052	Set at 6189	Perf. 6382-26 6440-24	To 6472-80 6486-6300
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6392	Perf. 6355	To 6361
Gas Pay:	From 6382	To 6380	L 6441	G .700	GL 4389
					Bar. Press. 12
Producing Through:		Casing I	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 10-7-66		Packer 6361		Reservoir Temp.	

OBSERVED DATA

Tested Through:								Type of Taps		
Prover ☐ Choke ☒ Meter ☐										
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.	Press. psig.	Temp. °F.	
SI	10 days					1948		235		
1.	2"	.750	571			571	60° ext.	434	60° ext.	3 Hr.
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 PD @ 15.025 psia
1.	12.3650		583	1.0000	.9250	1.077	7188
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 **9.482** (1-e^{-S}) **.279** P_c **1960** P_c² **3,841,600**

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.	583	339,889	67.582	4,567.327	1274,204	1,614,136	2,227,404		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **10,817** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED **None**

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

Original Signed By
G. W. BAILEY, JR.

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

