

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

Form C-122
Revised 12-1-55

Pool BASIN		Formation Sabosa		County San Juan	
Initial X		Annual		Date of Test 2-9-65	
Company Pan American Petroleum Corporation		Lease State Gas Unit "BA"		Well No. 1	
Unit 6	Sec. 16	Twp. 31N	Range 12W	Purchaser El Paso Natural Gas Company	
Casing 4-1/2	Wt. 10.3	I.D. 4.032	Set at 7204	Perf. 7110/7135	To 7225/7230
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 7117	Perf. 7000	To 7004
Gas Pay:	From 7110	To 7230	L 7174	G .700	GL 3022
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual	
Date of Completion 2-2-65		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.	Size (Line) 7 Days	(Choke) Size 2 Inch	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
1.	2	.730	327			327	60°	1261	60°	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 P D @ 15,025 psia
1.	12.3620		330	1.000	.9238	1.060	6300
2.							
3.							
4.							
5.							

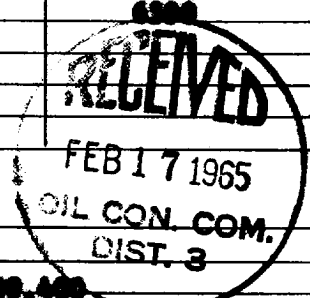
PRESSURE CALCULATIONS

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 **2020** P_c² **4,080,400**

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.						1,620,520	2,459,871		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **9432** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 400, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **F. L. Roberts, District Engineer 3 yr**

ORIGINAL SIGNED BY
F. W. Foell