

**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 I	Annual	Special	Date of Test 8-3-63		
Company I		Lease Sancho Gas Unit "B"		Well No. 1	
Unit 6	Sec. 28	Twp. 20N	Range 18W	Purchaser	
Casing 6	Wt. 28	I.D. 4.031	Set at 6400	Perf. 6256	To 6302
Tubing 4-1/2	Wt. 10.5	I.D. 4.031	Set at 6400	Perf. 6256	To 6302
2-3/4	4.7	1.993	6260	Open	Ended
Gas Pay:	From 6256	To 6302	L 6270	G .700	GL 4309
					Bar. Press. 12
Producing Through:		Casing I	Tubing	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 7-18-63		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.	(Prover) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
SI	16 days					1978		2803		
1.	2 inch	.730	433			432	60°	947	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.	12.3650		444	1.000	.9290	1.035	5363
2.							
3.							
4.							
5.							

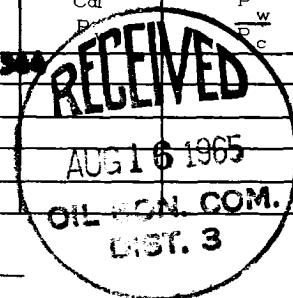
PRESSURE CALCULATIONS

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 **2013** P_c² **4,060,225**

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 _c	$\frac{P_w}{P_c}$
1.						919,401	3,140,824		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **6302** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **P. O. Box 440, Farmington, New Mexico**
G. V. Eaton, Jr., Area Engineer COMPANY _____

AGENT AND TITLE _____