

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Devils		County San Juan	
Initial I		Annual		Date of Test June 7, 1965	
Company Pan American Petroleum Corporation		Lease Japan Gas Unit "B"		Well No. 1	
Unit J	Sec. 6	Twp. 29-N	Range 9-W	Purchaser	
Casing 4-1/2"	Wt. 10.50	I.D. 4.032	Set at 6430'	Perf. 6432-25'	To 6432-30, 6430-25, 6430-24, 6430-16
Tubing 2-3/8"	Wt. 4.70	I.D. 1.925	Set at 6432'	Perf. 6435'	To 6461'
Gas Pay:	From 6400'	To 6430'	L 6435'	G .700	GL 4519'
					Bar. Press. 12
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 5-23-65		Packer 6361		Reservoir Temp.	

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps				
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
1.	15 days					2040		601	
1.	2 inch	.730	170			170	60° Ent.	605	60° Ent. 3 hour
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		191	1.000	.9250	1.002	2236
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 **9.402** (1-e^{-S}) **.200** P_c **2061** P_c² **4,247,721**

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.	191	26,481	21.913	441.564	123.630	160,119	4,087,602	400	
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2380** MCFPD; n **.75**

COMPANY **Pan American Petroleum Corporation** WITNESSED _____

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

Fred L. Schore, District Engineer

AGENT AND TITLE **Fred L. Schore**

