

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

Form C-122

Revised 12-1-55

Pool Basin		Formation Sabote		County San Juan	
Initial I 6		Annual		Date of Test 8-10-65	
PAN AMERICAN PETROLEUM CORPORATION		Lease Bearburg Gas Unit "B"		Well No. 1	
Unit I	Sec. 21	Twp. 30N	Range 12W	Purchaser	
Casing 4.5	Wt. 10.5	I.D. 4.052	Set at 6311	Perf. 6310-32	To 6388-6400
Tubing 2-1/8	Wt. 4.7	I.D. 1.993	Set at 6323	Perf. 6280	To 6294
Gas Pay:	From 6310	To 6410	L 6340	G .700	GL 4432 Bar. Press. 12
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 8-2-65		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) (Line) Size	(Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	2 In.	.730	231			1974		1972	
1.						231	60° est.	613	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.	11.3630		273	1.000	.9236	1.031	3223
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 **1966** P_c² **3,864,196**

No.	P _w 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	P _w /P _c
1.						300,623	3,563,571		
2.									
3.									
4.									
5.									

3483

.73

ABSOLUTE POTENTIAL: _____ MCFPD; n _____

PAN AMERICAN PETROLEUM CORPORATION

COMPANY _____ WITNESSED _____

Box 480, Farmington, New Mexico

ADDRESS _____ COMPANY _____

G. W. Eaton, Jr., Area Engineer

AGENT AND TITLE _____

Original Signed By:
G. W. EATON, JR.



