

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Dakota		County San Juan	
Initial I		Annual		Date of Test 3-24-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Leflowite Gas Unit "B"		Well No. 1	
Unit A	Sec. 25	Twp. 29N	Range 10W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6440	Perf. 6348-6366-56	To 6432-42
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6330	Perf. 6293	To 6299
Gas Pay:	From 6346	To 6442	L 6404	G .700	GL 4483
				Bar. Press. 12	
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 3-17-65		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.		
SI	7 Days					2111		2113	
1.	2 Inch	.750	337			337	60° est.	987	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 PD @ 15.025 psia
1.	12.2450		340	1.000	.9236	1.046	4418
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 **2125** P_c^2 **4,515,625**

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	$P_c^2 - P_w^2$	$\frac{C_d}{P_w}$	$\frac{P_w}{P_c}$
1.						900,001	3,517,624		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3328** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

ADDRESS **Box 440, Farmington, New Mexico**

AGENT AND TITLE **F. L. Nabors, District Engineer**

WITNESSED _____

COMPANY _____

By: **F. W. Foell**

