

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 X		Annual		Date of Test 8-20-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Ulibarri Gas Unit		Well No. 3	
Unit N	Sec. 35	Twp. 30	Range 9	Purchaser	
Casing 4	Wt. 10.5	I.D. 4.052	Set at 6866	Perf. 6632-58	To 6744-60
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6633	Perf. 6592	To 6102
Gas Pay:	From 6632	To 6760	L 6696	G .700	GL 4687
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 8-13-65		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	7 Day					1627		1754		
1.	2 Inch	.750	241			241	60° est.	766	60° est.	3 hr.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w p_t}$	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		253	1.000	.9258	1.030	2983
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 **1766** P_c² **3,118,756**

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.						605,284	2,513,472		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3507** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer** Original Signed By **G. W. EATON, JR.**

