

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

Form C-122
Revised 12-1-55

Pool Basin			Formation Labeta			County San Juan			
Initial I		Annual		Special		Date of Test June 9, 1965			
Company Pan American Petroleum Corporation				Lease Labeta Gas Unit "E"			Well No. 1		
Unit I	Sec. 3	Twp. 23-N	Range 9-W		Purchaser				
Casing 4-1/2"	Wt. 10.34	I.D. 4.012"	Set at 6634'		Perf. 6634-36' 6720-36'	To 6795-6800'			
Tubing 2-3/8"	Wt. 4.70	I.D. 1.993"	Set at 6646'		Perf. 6600'	To 6614'			
Gas Pay:	From 6634'	To 6809'	L 6717'	G .700	GL 4702'	Bar. Press. 12			
Producing Through:		Casing	Tubing I		Type Well - Single - Braden head - G.G. or G.O. Dual Single				
Date of Completion June 2, 1965		Packer None			Reservoir Temp.				
OBSERVED DATA									
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps	
FLOW DATA						TUBING DATA		CASING DATA	DURATION OF FLOW HR.
Prover (Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
7 days					2030		2030		
1 inch	.750	301			301	60° East	612	60° East	3 hour
FLOW CALCULATIONS									
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 PD @ 15.025 psia			
12.3456		313	1.000	.9238	1.037	3716			
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 2070 P _c ² 4,284,900				
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.						678,976	3,605,924		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **4220** MCFPD; n **.75**

COMPANY **Pan American Petroleum Corporation** WITNESSED _____

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

AGENT AND TITLE **Fred L. Shure, District Engineer**

AGENT AND TITLE *[Signature]*

