

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

Form C-122
Revised 12-1-55

Pool West Huts		Formation Fruitland		County San Juan	
Initial XX		Annual		Special	
Date of Test 9-8-66		Date of Shut In 9-7-66			
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Colleges Canyon Unit		Well No. 82	
Unit M	Sec. 28	Twp. 29-N	Range 12-W	Purchaser El Paso Natural Gas Co. (when connected)	
Casing 3.500	Wt. 140	I.D. 3.012	Set at 1306	Perf. 950	To 964
Tubing 1.660	Wt. 2.3	I.D. 1.380	Set at 955	Perf. Open	To Ended
Gas Pay:	From 950	To 964	L 957	G .650 est.	GL 526
					Bar. Press. 12
Producing Through:		Casing XX	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 8-30-66		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	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	9 days					387		387		3 hr.
1.	2 inch	.750	102			102	60° est	102	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.	12.3650		114	1.0000	.9608	1.010	1360
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 **399** P_c² **159,201**

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.						12796	146,203		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **1472** MCFPD: n **.85**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED **None**

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

AGENT AND TITLE **ORIGINAL SIGNED BY**
C. W. Fabela, Jr.
Area Engineer

