

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

Form C-122
Revised 12-1-55

Well Undesignated		Formation Fruitland		County San Juan	
Initial X	Annual		Special	Date of Test 1-10-67	
Company PAN AMERICAN PETROLEUM CORPORATION			Lease Gallegos Canyon Unit		Well No. 256
Unit F	Sec. 13	Twp. 28N	Range 12W	Purchaser El Paso Natural Gas Co. (when comtd)	
Flowing 4.500	Wt. 9.5	I.D. 4.090	Set at 1352	Perf. 1204	To 1222
Flowing 1.900	Wt. 2.9	I.D. 1.610	Set at 1214	Perf. Open	To Ended
From 1204	To 1222	L 1213	G .650 (est.)	GL 788	Bar. Press. 12
Producing Through: 12-27-66		Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Packer None		Reservoir Temp.			

OBSERVED DATA

Borehole Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps		
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	XXXXXX (Line) Size	XXXXXX (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	14 days					503		539		
1.	2 Inch	.750	172			177	60° est.	172	60° est.	3 Hrs.
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-MCFPD @ 15,025 psia
1.	12.3650		184	1.0000	.9608	1.017	2223
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 _____
 P_w _____ (1-e^{-S}) P_c **551** P_c² **303,601**

No.	$\frac{P_w}{P_t}$ psia	P _t 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.				35,721	267,880		
2.							
3.							
4.							
5.							

ABSOLUTE POTENTIAL: **2472** MCFPD; n **.85**

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

ADDRESS **P. O. Box 480, Farmington, New Mex.** COMPANY _____

AGENT AND TITLE **C. W. Eaton, Jr., Area Engineer**