

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

Form C-122

Revised 12-1-55

Pool Undesignated		Formation Fruitland		County San Juan	
Initial XX		Annual		Date of Test 9-29-66	
Company Pan American Petroleum Corp.		Lease Gallegos Canyon Unit		Well No. 255	
Unit C	Sec. 18	Twp. 28-N	Range 11-W	Purchaser El Paso Natural (when connected)	
Casing 4.500	Wt. 9.5	I.D. 4.090	Set at 1294	Perf. 1166-1180	To 1190-1204
Tubing 1.900	Wt. 2.94	I.D. 1.610	Set at 1173	Perf. Open	To Ended
Gas Pay: From 1166 To 1204		L 1185 G .650 (est) GL 770		Bar. Press. 12	
Producing Through: Casing		Tubing XX		Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 9-22-66		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.	Size (Line)	Size (Choke)	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 days 2 inch	.750	287			567 287	60° Est	567 516	60° Est	3 hour
2.										
3.										
4.										
5.										

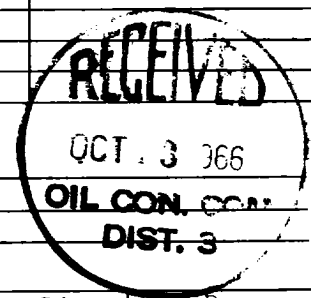
FLOW CALCULATIONS

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		299	1.0000	.9400	1.030	3659
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 _____
 $F_c = \frac{1}{1 - e^{-S}}$ _____ $P_c = 579$ $P_c^2 = 335,241$

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.						278,784	56,457		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: 16,632 MCFPD; n .85

COMPANY PAN AMERICAN PETROLEUM CORPORATION WITNESSED None

ADDRESS Box 480, Farmington, New Mexico COMPANY _____

AGENT AND TITLE D. S. Streett