

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122
Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco-Hogoverdo Formation Hogoverdo County San Juan

Initial I Annual _____ Special _____ Date of Test 4-9-57

Company Pan American Petroleum Corporation Lease Wallace Gas Unit Well No. 1

Unit II Sec. 35 Twp. 11-N Rge. 11-W Purchaser Shut-In

Casing 7" Wt. 30# I.D. 6.456" Set at 4583 Perf. 4646 To 4777

Tubing 2-3/8" Wt. 4.7# I.D. 1.975" Set at 4661 Perf. 4635 To 4661

Gas Pay: From 4646 To 4777 L 4635 xG .65 (est.) -GL 3026 Bar.Press. _____

Producing Thru: Casing _____ Tubing I Type Well Gas - Single
Single-Bradenhead-G. G. or G.O. Dual

Date of Completion: 4-9-57 Packer _____ Reservoir Temp. 138° F (est.)

GL Flow: 9797
RDB: 3026

OBSERVED DATA All depths from RDB

Tested Through (Pressure) (Choke) (Restrictor) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Restrictor) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI	<u>Shut-In 22 days</u>									
1.		<u>3/4</u>	<u>367</u>		<u>65</u>	<u>1032</u> <u>367</u>	<u>65</u> <u>65</u>	<u>1032</u> <u>690</u>	<u>65</u> <u>65</u>	<u>3</u>
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.	<u>12.365</u>		<u>379</u>	<u>.9992</u>	<u>.9608</u>	<u>1.037</u>	<u>4447</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas-Liquid Hydrocarbon Ratio _____ cf/bbl.

Gravity of Liquid Hydrocarbons _____ deg.

F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____

Specific Gravity Flowing Fluid _____

P_c 1032 P_c² 1,104,602

No.	P _w (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	P _w P _c
1.	<u>702</u>					<u>492,804</u>	<u>611,797</u>		
2.									
3.									
4.									
5.									

Absolute Potential: 7290 MCFPD; n .75

COMPANY PAN AMERICAN PETROLEUM CORPORATION

ADDRESS Box 487, Farmington, New Mexico

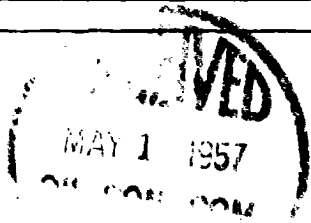
AGENT and TITLE E. H. Senor, Jr., Field Engineer RMT Senior

WITNESSED _____

COMPANY _____

REMARKS

* 5" CD 15# liner from 4664-4666'



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