

J - **1955**
 I - **V.R. Johnston**
 I - **Los Urday** I - **Cotler**
 I - **Rickey** I - **Phillips Peter**
 I - **Swisher**
 I - **Harris**

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Formation Hess Verde County Rio Arriba
 Initial X Annual _____ Special _____ Date of Test 5-8-56
 Company Pacific Northwest Pipelines Corp Lease 89-5 Well No. 35-34
 Unit 0 Sec. 34 Twp. 29N Rge. 5E Purchaser _____
 Casing 7-7/8" Wt. 13.2214 I.D. _____ Set at 2927.74 Perf. 2922 To 2416
 Tubing 2-3/8" Wt. 4.7 I.D. _____ Set at 2927.82 Perf. 2923.82 To 2927.82
 Gas Pay: From 2922 To 2416 L _____ xG .63 -GL _____ Bar. Press. 12 PSIA
 Producing Thru: Casing _____ Tubing X Type Well Single
 Date of Completion: 4-27-56 Packer _____ Reservoir Temp. _____
 Single-Bradenhead-G. G. or G.O. Dual

OBSERVED DATA

Tested Through (Pressure) (Choke) (Pressure) Start in 11 Days Type Taps _____

No.	Flow Data			Tubing Data		Casing Data		Duration of Flow Hr.		
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.		Press. psig	Temp. °F.
1.	<u>3/8</u>				<u>77</u>	<u>269</u>	<u>269</u>	<u>1187</u>	<u>1187</u>	<u>1 Hour</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>14.183</u>		<u>295</u>	<u>.9870</u>	<u>.9828</u>	<u>1.025</u>	<u>1187</u>
2.							
3.							
4.							
5.							

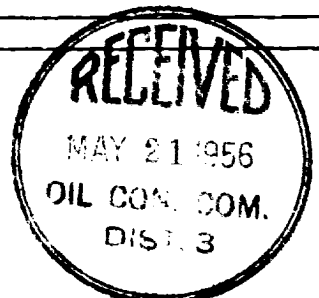
PRESSURE CALCULATIONS

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 1130 P_c² 1277

No.	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	P _w / P _c
1.						<u>217</u>	<u>700</u>		<u>1.025</u>
2.									
3.									
4.									
5.									

Absolute Potential: 0.33 MCFPD; n .75 / 1.40
 COMPANY PACIFIC NORTHWEST PIPELINES CORPORATION
 ADDRESS 415 East Main Street, Farmington, New Mexico
 AGENT and TITLE Carl E. Johnson - Assistant Drilling Engineer
 WITNESSED _____
 COMPANY _____

REMARKS



OIL CONSERVATION COMMISSION	
AZTEC DISTRICT OFFICE	
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