

3-N.M.O.C.C. Aztec
 1-Bill Cutler
 1-Oliver Fowler
 1-File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Formation Mesa Verde County Rio Arriba
 Initial XX Annual _____ Special _____ Date of Test 10-15-57
 Company Pacific Northwest Pipeline Lease Rosa Well No. 26-32
 Unit A Sec. 32 Twp. 31 N Rge. 5W Purchaser Not connected
 Casing 7-5/8" Wt. _____ I.D. _____ Set at 3723' Perf. 5958' To 5544'
5-4 Wt. _____ I.D. _____ Set at 5871' Perf. _____ To _____
 Tubing 1-1/4" Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
 Gas Pay: From _____ To _____ L _____ xG .650 -GL _____ Bar.Press. 12
 Producing Thru: Casing _____ Tubing XX Type Well Single
 Date of Completion: _____ Packer _____ Single-Bradenhead-G. G. or G.O. Dual Reservoir Temp. _____

OBSERVED DATA

Tested Through (~~Bottom~~) (Choke) (~~Master~~) Shut in 10 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	
SI									
1.						1220		1220	
2.		3/4"	118		61°	118	61°	939	3 hours
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		130	.9990	.9608	1.011	1560
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
 Gravity of Liquid Hydrocarbons _____ deg.
 T_c _____ (1-e^{-S})
 Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 P_c 1232 P_c² 1517.8

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	$\frac{951}{P_w^2}$	P _c ² -P _w ²	Cal. P _w	$\frac{P_w}{P_c}$
1.									
2.						904.4	613.4		2.47
3.									
4.									
5.									

Absolute Potential: 3074 MCFPD; n .75/ 1.9702

COMPANY Pacific Northwest Pipeline Corporation
 ADDRESS 405 1/2 West Broadway, Farmington, New Mexico
 AGENT and TITLE C. R. Wagner

WITNESSED
 COMPANY _____

REMARKS

