

3 - N.M.O.C.C.
 2 - E.P.N.C. NEW MEXICO OIL CONSERVATION COMMISSION
 1 - W. G. Cutler
 1 - G. H. Peppin
 1 - File

Form C-122
 Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Undesignated Formation Pictured Cliffs County Rio Arriba
 Initial XXX Annual _____ Special _____ Date of Test 8-31-59
 Company Pacific Northwest Pipeline Corp., Lease 27-5 Well No. 39-12
 Unit N Sec. 12 Twp. 27 Rge. 5 Purchaser Not Committed
 Casing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
 Tubing _____ Wt. _____ I.D. _____ Set at _____ Perf. _____ To _____
 Gas Pay: From _____ To _____ L _____ xG .650 -GL _____ Bar.Press. 12
 Producing Thru: Casing _____ Tubing XXX Type Well G.G. Dual
 Single-Bradenhead-G. G. or G.O. Dual
 Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (XXX) (Choke) (MISSED) 7 Days Shut In 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.	
SI										
1.		3/4	74		57°	1054 74	57°	1050 657		3
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		86	1.0029	.9608	1.000	1025
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 1066 P_c² 1136.4

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	669 P _w ²	P _c ² -P _w ²	Cal. P _w
1.						669	509.8	1.65
2.								
3.								
4.								
5.								

Absolute Potential: 1569 MCFPD; n .85/1.5305
 COMPANY Pacific Northwest Pipeline Corporation
 ADDRESS 118 1/2 West Broadway - Farmington, New Mexico
 AGENT and TITLE C. R. Wagner - Well Test Engineer
 WITNESSED O.K. by New Mexico Oil Conservation Commission & El Paso Natural Gas Company
 COMPANY _____

REMARKS

