

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 S Annual _____ Special _____ Date of Test 12-17-56
Company Pacific Northwest Pipeline Lease Indian L Well No. #2
Unit G Sec. 16 Twp. 28N Rge. 3W Purchaser Pacific Northwest Pipeline Corp.
Casing 5 1/2 Wt. _____ I.D. _____ Set at 6363 Perf. _____ To _____
Tubing 1 1/4 Wt. _____ I.D. _____ Set at 6170.47 Perf. _____ To _____
Gas Pay: From 5906 To 6310 L _____ xG .65 -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing X Type Well _____
Single-Bradenhead-G. G. or G.O. Dual _____
Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (~~2 1/2~~) (Choke) (~~1 1/2~~) 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.						1610		1610		
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.							
2.	14.1605		100	1.0048	.9608	1.010	1381
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 1622 P_c 2631

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.									
2.	950					903	1728		1.5226
3.									
4.									
5.									

Absolute Potential: 1894 MCFPD; n .75 - 1.3713

COMPANY Pacific Northwest Pipeline Corporation
ADDRESS 405 West Broadway, Farmington, New Mexico
AGENT and TITLE Donald C. Adams
WITNESSED _____
COMPANY _____

REMARKS

3-N.M.O.C.C.
1-L. G. Truby
1-W. R. Johnston
1-File



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