

3-N.M.O.C.C.-Aztec
1-L. G. Iruby
1-E.P.N.G. (Calloway)
1-W. R. Johnston
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 MESAVERDE County RIO ARRIBA
Initial XX Annual _____ Special _____ Date of Test 3-5-57
Company Pacific Northwest Pipeline Lease San Juan 28-6 Well No. 75-3
Unit N Sec. 3 Twp. 27N Rge. 6W Purchaser Pacific Northwest Pipeline
7 5/8 3238
Casing 5 1/2 Wt. _____ I.D. _____ Set at 5400 Perf. 4632 To 5378
Tubing 2 3/8 Wt. _____ I.D. _____ Set at 5184 Perf. _____ To _____
Gas Pay: From 4632 To 5378 L _____ xG .650 -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing xx Type Well _____
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: _____ Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Me) Shut in 7 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.	
SI						1092		1106		
1.										
2.						253	63	558		3 hrs.
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	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		265	0.9971	.9608	1026	3,688
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 1118 P_c² 1249.9

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.	570	324.9				324.9	925.0		1.3512
3.									
4.									
5.									

Absolute Potential: 4,621 MCFPD; n .75/1.253

COMPANY Pacific Northwest Pipeline Corporation
ADDRESS 1051 West Broadway, Farmington, New Mexico
AGENT and TITLE Clarence R. Wagner - Well Test Engineer
WITNESSED Tom Grant
COMPANY El Paso Natural Gas Company

REMARKS

