

NOTES-FIELD INSPECTION

Company: Williams Gas Pipeline-West

Date(s): June 13-17, 2011

Unit: Sumas District

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
Sumas Compressor Test Pt #150 Test Pt #119 Rectifier #1686 Rectifier #459-2			-1.198 V -2.030 V		24.8 V 9.98 V	3.6 A 5.8 A			Rectifier Setting C-2, F-5 Rectifier Setting C-2, F-5
Sumas Compressor Stations									Gas sensor for B-Plant tested at turbine 1806. Gas sensor for D-Plant tested.
Lynden Meter Sta. 7861 Lebrant Rd Everson, WA 98247	36"		-1.745		#1806-1 14.0 V #1806-2 60 V	0.2 A 0.6 A		241.7 psig	Overpressure Protection = 275psig.
Lawrence Meter Station 3882 E. Hoff Rd Everson, WA 98237			-1.785		5.37 V	3.7 A			Setting at C-1, F-2
Bellingham Lateral 4475 Y Rd. Bellingham, WA 98226		6-inch 12-inch	-1.450 V -1.466	-0.498 A n/a					Overpressure Protection = 162 psig.
Bellingham-I 4175 Britton Rd		6-inch & 12-inch	-1.422 V					420 psig	< Inlet Pressure < P/S at Heater Outlet

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	Size	In.	P/S	Casing	Volts	Amps	Set	Actual		
Bellingham Takeoff (True Log Home) 4208 Mt. Baker Hwy. Everson, WA 98247	30-inch		-1.160 V						30" Valve operated OK	
	12-inch		-1.257 V							
	12-inch		-1.216 V							
Deming Meter Sta 5125 Water Rd Deming, WA 98244			-1.310 V				150 psig	150 psig		
	30-inch		-1.210						This valve will be replaced or repaired with a new motor.	
36-inch		-1.390								
Valve 17-7 (South of North Nooksack River)										
	30-inch		-1.315 V						30" Valve added 2006.	
	36-inch		-1.350 V							
Valve 17L-6A 1510 Mosquito Lake Rd Deming, WA 98244 Rectifier #1811-1 > Rectifier #1811-2 >	>		>		5.69 V	4.5 A			Rectifier #1071 C-1, F-5 Note: A new 36" Receiver is planned for Aug. 2011. Valve operated OK Class 3 Location	
	>		>		4.53 V	1.2 A				
	30-inch		-1.460		27.99 V	12.4 A				
Skagit River Crossing	36-inch		-1.580							
	30-inch		-1.140 V							
Sedro-Woolly Gate Station										
	30-inch		-1.080 V						Setting at C-1, F-4	
	30-inch		-1.100 V		37.17 V	1.08 A				
>		>		13.22 V	9.4 A					
Mt Vernon Compressor Launcher (TP 124) Receiver (TP 160) Rectifier # 847 > (Ground Bed) Rectifier # 1687 > (Deep Well)										
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	>		>							

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Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks	
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual		
Mt Vernon Compressor B-Plant suction	30-inch		-1.063 V				985 psig	984 psig	Gas sensor for A & B-Plants tested OK.	
	36-inch		-1.036 V							
Oak Harbor and Stanwood MS, Stanwood lateral	6-inch		-1.297 V					720 psig 350 psig	CNG @ -1.175 V < Inlet Pressure < Outlet Pressure	
								710 psig		
East Stanwood MS 28531 80 th Ave NW			-1.266 V						CNG @ -1.012 V < Inlet Pressure	
Stanwood lateral Rectifier #1812-1 Rectifier #1812-2			-1.530 V							
					5.41 V 3.83 V	2.75 A 1.30A				
Valve 17-4 28403 59 Ave NE Arlington, WA 98223	30-inch 36-inch		-1.210 V -1.956 V						Valve operated OK	