

NOTES-FIELD INSPECTION

Company: Puget Sound Energy

Date(s): April 8-10, May 1, 20, 2008

Unit: Thurston Lewis Counties

Line & Location		Line Size	Field Readings										Remarks	
			Line In.	CP Volts P/S	Casing	Volts	Rectifier Amps	Set	Actual	Pressures				
RS-0629 McMillian Gate Station	Inlet	6 inch		-1.349										Some talk about retiring this regulator. MAOP inlet 130
	Outlet			-1.375										MAOP outlet 60
	Relief			-1.421										
	1 <sup>st</sup> stage inlet			-1.720					280		270			Gauge SN 515591 0-300 lb, due 4/10/08
	Intermediate Relief Stack			-1.420										
	2 <sup>nd</sup> stage inlet			-1.443					93		96 psig Lock Up			MAOP 130 (Relief 102) Gauge SN 911635 0-100lb, due 4/10/08
	2 <sup>nd</sup> stage relief stack			-1.421										Relief stack filled with water and small rocks. Chart recorder value 21 lbs
	2 <sup>nd</sup> Stage outlet										50 psig			
IC-005516				OFF -0.844 ON - 1.496										Interrupter 4sec on 1 sec off Multimeter PSE # 882019
IC-057094				OFF -0.863 ON -1.478										
PS - 0263 (AS FOUND)				OFF -0.911			2.9 (-2.37)	2.7 (2.61)						

Field Readings										
Line & Location	Size	Line In.	CP Volts	P/S	Casi ng	Volts	Rectifier Amps	Pressures Set	Actual	Remarks
			ON -1.648							
PS-0201 Rectifier			OFF -1.071 ON -2.032			-4.90	2.4			IS# 037004
PSR-037066 Recorder										
End 4/8/08										
Start 4/9/08										
RS-1360 Chehalis Gate Station			-1.589					333 P1 265.2 P2 Relief 295	300	Gauges 515591 Martin 708316 Gauges 0-500 #516203
								Lockup	Lockup 272.4	Exercise pilot
										Gas Trac J50103 Cal Date 4/4/08
RS-1358	8 Inch		-1.077 Odor Injector Site -0.960 Outlet Header					Inlet Outlet Lockup	278.5 235.2 235.0	Site has four straps that hve not been checked for corrosion at the pipe support interface.
			1.233 @ Valve #8							
Olympia Gate								Lockup 55.1	Did not lockup.	Outlet Run #1 did not lock up at a set point of 55.1. Seat was replace and retested. Flowing Pressure 55.6

Field Readings									
Line & Location	Line Size	Line In.	CP Volts		Rectifier	Pressures		Remarks	
			P/S	Casing		Volts	Amps		Set
RS-2711			Inlet -1.527 Out -1.369 Relief - 1.146			Lockup at 52.0	P1 237# P2 49.95	Lock up 57.0  MAOP OUT 55 lbs Regulator did not lock up Regulator diaphragm was replaced and Lockup was at 52 lbs. Gauge 1010676, 0-100	
Start 4/20/08									
RS-1358 Gate Station 4027 Boulevard Rd, Olympia WA	6 in	Outlet						Olympia Town Border Station - Asked if they inspect the gas pipe in contact with the concrete on concrete supports? Note - The straps and exposed pipe under the straps were painted since my last visit. All the straps showed paint transfer when the straps were removed for inspection. Paint was not fully cured	