

NOTES-FIELD INSPECTION

Company: Puget Sound Energy

Date(s): July 15-17, 2014

Unit: Puget East (Kittitas) 2014

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
RS 2548 Kittitas Gate									This gate station has both HP and IP regulators. RS 2548 is the HP side which is locked up except for the bypass which has been reconfigured to be the main supply for the entire station. Both the HP runs are locked down. Both HP and IP runs are supplied by bypass. Temp was >103 F, no flow at station!
HP side fed from bypass							147	143.4	Bypass, no lock up as found. Changed out diaphragm. OK
							62	64.4 62.3	Relief reset
							1000	617.3	Inlet MAOP/Actual
							499	140.25	Outlet MAOP/Actual
							150	147	Bypass MAOP/Actual
RS 2549 Kittitas Gate									
IP side fed from bypass							57	54.26	Run 1 stage 2; No l/u achieved-changed out diaphragm reset
							57	54.45	Run 1 stage 2; No l/u achieved-changed out diaphragm reset
Odorizer Kittitas Gate.									Tank level 75% OK, OQ

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									tasks OK, AOCs OK
RS 2569 Thorpe							56.98	56.6	Run 1
							56.99	55.55	Run 2
							62.7	62.7	relief
							465	147	Inlet MAOP
							60	54.37	Outlet MAOP
Block Valve 6858									Operates OK, OQ OK, AOCs OK
RS 2726 Cle Elum Limit Station							56	55.45	Run 1 found/left
							56	55.43	Run 2 found/left
							499	137	Inlet MAOP/Actual
							64	63.37	relief
								64	Reset relief
									Fire extinguishers OK
							60	56.0	Run 1 Outlet MAOP/Actual
							60	55.43	Run 2 Outlet MAOP/Actual

Field Readings

Line & Location	Line		CP mVolts		Rectifier		Pressures		Remarks
	Size	In.	P/S	P/S	Volts	Amps	Set	Actual	
Kittitas Gate			-1084 PSE	-684 Williams					Isolation check OK Note Williams read was on isolated above ground pipe
Rectifier PS 333 at Cle Elum Limit sta			-1765 on	-1124 off	3.85V	0.92			50/10 shunt 4.6mV → 920mA Tap setting 9% New box for remotely reading rectifier-hornets found a way in!
Tjossem Rd PSE/Williams			-980 PSE	-1179 Williams					OK

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Crossing									
Casing Read Tjossem Rd at RR/Tjossem Ditch			-638						OK
Isolated short section Tjossem Rd			-1632						OK
Isolated short section Hanson Rd			-1584						
Isolated short section bridge over Manshtash Creek & Cove Rd.			-1615						Very friendly horse-bring apples
Field Readings									
Line & Location	Line		CP mVolts		Applied amperage		Odorant Level %		Remarks
	Size	In.	P/S	Casing	Volts	mAmps	Reading	Actual	
Odorant Test site OT-0189 Tumble Creek							0.015	0.125	OK 0.8% is threshold for action level per 4675.1000
OT-0202 Cle Elum							0.08	0.064	OK
OT-0104 Thorpe							0.29	0.242	OK
Bridge Patrol PBS-									KRD Canal Crossing OK Concrete is spalling at center but concrete is for pipe protection so only concern is if start seeing rust staining.
PBS-									Thrall Rd at Wilson Creek,

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									East of I-82 OK
PBS-									Thrall Rd at Wilson Creek, West of I-82 OK