

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

NOTES-FIELD INSPECTION

Company: Cascade Natural Gas Corp

Date(s): October 16-18, 2013

Unit: Tri Cities/Walla Walla

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures psig		Remarks
	Size	In.	P/S mV	Casing	mVolts	Amps	Set	Actual	
Gate Station O8	8"		Williams -2850 CNG - 1826					147.7 in 55 out	Checked isolation between Williams/CNG all bolts on insulated flange OK Multimeter & ½ cell calibration due 12/31/13
Regulator R14 standby			-1857					55.4	Atmos OK, fence OK signs OK chart OK-two colors Lockup-Tag read 55
								55.2	lockup
							55	55.1	Adjusted to 55 psi OK
Relief								61.1	Lock up Tag read 62
								61.0	
							61.8	61.6	Adjusted to 61.8 OK
Odorant level O8									16.25 gallons full level (filled 2 weeks ago) filled annually
Rectifier GB4			-2817		30	6			RTS Corrpro rectifier— 10A/50mV shunt; Tap settings CD F3; 52.97 VDC, 22.70VAC
Regulator R87 standby								211.5 in 50 out 51.9	Atmos OK, fence OK signs OK Lockup Tag read 52
								51.9	
								52	No adjustment

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Relief								58.1	
								58.0	
								58.0	No adjustment
Regulator R40			-1594					280.5 in 44.4 out	Atmos OK, fence OK signs OK
standby								47.5	lockup
								47.5	lockup
								47.8	Tag read 48
Relief								56	
								55.8	
								55.9	Tag read 56
Odorant level O5									124 gal (direct read) full is 180
Walla Walla shop rectifier					29.3	5.86			Universal rectifier (new) 10A/50mV shunt Tap settings C1F6 Input: 29.61VAC, out 25.61VDC; neg lug -3807 mV
Sniff test Walla Walla									Low level 9=>0.4% High level 10=>0.525% OK Odoramter calibrated 7/17/13
Casing-Walla Walla				-679					Note this casing was shorted in 2012 survey; Tinker OK
Regulator R1 Walla Walla								140 in 52 out	Atmos OK, fence OK signs OK; chart OK-two colors
standby								50.4	Tag reads 51 OK
								50.3	
Relief								63	Tag reads 63 OK
								63	
Odorant level									307 gal in tank OK
Isolation Williams CNG			-2305 -1219						OK
Valve V31									Operated OK; AOC OK