

FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS

NOTES-FIELD INSPECTION

Company: Avista Utilities

Date(s): July 24-25, 2018

Unit: Colville and (TRANS)

Insp. No.: 7558 (7557)

Field Readings									
Line & Location	Line		CP Volts DC		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
Start 7/24/18 in Spokane office									Steve Winter CP Tech
Nine Mile Regulator Station Inlet 700 psig Outlet(flow) 457.2 Lock up By Pass High Pressure Relief			-1.850V Williams				465# 495#	457.2 469.8 psig 497 psig	
Rectifier #130515 Bern Hill Road					7.36 V	0.69A			Settings C1F2 2.3mVx0.3 = 0.69 Amps
Casing - Wildrose Big Fink			-1.400V	-0.487 V					There are Telluric effects on this area of the pipeline. Not enough to worry about but the variations in pipe to soil measurements can be observed.
Valve - EOP #3045 OK – exercised 4 turns									Kenotest Gate Valve 26 ¼ turn valve
Rectifier #142889 Smith Road by Casino					9.98 V	3.5 A			17.5mv X 0.2 = 3.5 A
Meter #218736 Ally North of Main 106 N 2 nd St E			-1.560V						
Meter #273849			-1.550V						
Rectifier # Chewelah					4.966V	0.56A			2.8 x 0.2 = 0.56A
Regulator #4056 Inlet 467.2			-1.449 V						Gauges OK CP on high pressure is -1.449

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Outlet(Flowing) 49.4 Lock UP Safety Relief Test			-1.505V				50# 60#	55.0 59.5 psig	Vdc and P/S on Chewelah feeder is -1.505 Vdc
Valve - #3558 Transmission - OK									10 turn valve/ exercised 3 turns
Valve - #2290 in Reg Station #4046 - OK									4-inch gate valve, exercise valve.
Regulator Station #512 Farm Tap Inlet 463.0 psig Outlet(Flow) 24.6 psig Lock-up Safety Relief							25# 45#	24.6 psig 25.2 psig 45.5 psig	XXX numbers denote a farm tap with 1 or 2 services. Used WAX tape to cover XTRU Coat from MSA Valve down to ground.
Casing US 395 and Bakie Rd			-1.575V	-0.538V					
Casing SR 231 and Huffmen			-1.487V	-0.604V					
Casing Hafer Rd at Mile Marker 46			-1.711V	-0.507V					
END 7/24/18									
Start 7/25/18									
Casing – Blue Creek Road			-1.304	-0.521					
Regulator Station #511 Inlet 466.6 psig Outlet 24.6 Lock Up Safety Pressure Relief			-1.230				25# 45#	25 psig 45.5 psig	Flowing at 24.2 psig
Casing – 12 mile Road at Mile Marker 60			-1.240	-0.323					Vent pipes – good paint.

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Station #503 828 Townsend- Sackman Inlet 466.3 Outlet 25.0 Lockup Safety Relief			-1.183				25# 45#	25.0 psig 25.3 psig 46.5 psig	Farm tap with 2 services.
Casing Oakshot & West Valley Road			-1.387	-0.424					
Reg Station #3232 Oakshot & W Valley Rd Inlet 465.5 Outlet(flow) 197.9psig Lock UP 208.1psig Safety Relief							200# 206#	197.9 psig 207 psig	
									Checked pressure gauges for calibration - OK
Rectifier #063361 Oakshot (TRANS)					2.63 V	0.14A			0.7 mV x 0.2 = 0.14A
Valve COL #5313 OK									OK – Exercised valve 4-inch M1 Gate Valve
Valve (TRAN) #5309 OK									OK – Exercised valve Transmission Block valve 6-inch ball valve
Meter #503633 930 S. Elm			-1.249						
Odorator 154 Hwy 20 East TDL - 0.04 RDL - 0.12									Calibration is good for two years and last 1/19/18 TDL – Trace Detectable Level RDL – Readily Detectable Level
Meter #557325			-1.402						Presbyterian Church

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508 M Oak									
Rectifier #051615 Main & 8 th					4.98V	1.2 A			0.6 mV x 0.2 = 1.2 A
Reg Station #561 Reed & Greenwood Loop Rd Inlet 465.2 Outlet (Flow) 25.0 Lock Up 25.5			-1.347				25#	25.0 psig	Farm Tap
Casing – Greenloop by mile marker 75			-1.410	-0.302					
Kettle Falls Station #100 Intersection of Juniper & Evergreen Inlet 465 Outlet(flow) 34.0 Lock up 37.1 Relief Valve							35# 60#	34.0 psig 61 psig	
Odorometer #39975 TDL – 0.06 RDL – 0.25									Checked calibration - OK
Casing 1275 Juniper Rd. at Mark			-1.181	-0.193					
Rectifier #051617 9 th Ave & Kalmia					8.63V	4.8 A			2.4 mV x 0.2 = 4.8 Amps
Meter #292548 Kettle Falls Elementary			-1.275						
END 7/25/2018 7557&7558									No issues found during field portion of Colville and Transmission inspection