

**FIELD DATA COLLECTION FORM FOR INTRASTATE INSPECTORS**

NOTES-FIELD INSPECTION

**Company:** Ferndale Pipeline System

**Date(s):** 08/15/2018-08/16/2018

**Unit:** Ferndale

**Insp. No.:** 7573

Field Readings									
Line & Location	Line		CP Volts		Rectifier		Pressures		Remarks
	Size	In.	P/S	Casing	Volts	Amps	Set	Actual	
Sumas to Cherry Point (16-inch)	16		-1429mV ON -1181mV OFF	-513 mV					0.65 V AC MP 125+53 Reese Hill Rd
Sumas to Cherry Point (16-inch)	16		-1509mV ON -1268mV OFF	-294 mV					0.73 V AV MP 383+19 Van Buren St
Sumas to Cherry Point (16-inch)	16		-1455 mV ON -1214 mV OFF	-469 mV					0.59 V AC MP 1351+6 Portal Way Crossing
Sumas to Cherry Point (16-inch)	16		-1320 mV ON -1119 mV OFF						0.25 V AC MP 812+44 Jackman Rd
Sumas to Cherry Point (16-inch)	16		-1375 mV ON -1156 mV OFF	-609 mV					0.32 V AC MP 1362+97 Test Station 102
Sumas to Cherry Point (16-inch)	16		-1576 mV ON -1107 mV OFF						-1533 mV ON/-1142 mV OFF (CNG), CNG is bonded to Ferndale at Cherry Point meter station 2.11 V AC
Cherry Point to Intalco (8-inch)	8		-1410 mV ON						3.69 V AC MP 185+31

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			-1231 mV OFF						-1410 mV ON/-1384mV OFF (BP 24" Crude line) Not being influenced by interrupter so it appears to be isolated
Cherry Point to Intalco (8-inch)	8		-1582 mV ON -1475 mV OFF	-593 mV					1.78 V AC MP 21+81
Cherry Point to Intalco (8-inch)	8		-1440 mV ON -1313 mV OFF						1.56 V AC MP 80+42
Cherry Point to Intalco (8-inch)	8		-1912 mV ON -1832 mV OFF						-430 mV (Intalco line, downstream of isolation flange) 1.25 V AC
16-inch	16								0.77% gas-in-air at Cherry Point
8-inch	8								0.1799% gas-in-air at Intalco meter station
Cherry Point Meter Station			-1339 mV ON		14.8 V	3.65 A			Rectifier, "A" Coarse and 5 Fine tap setting, 25 A:50mV Shunt, 7.3 mV across shunt
Pressure Control Valve at Sumas									Operated freely by Tulsa control center, station condition looked good
Block Valve 5 MP 25	16								Valve operated by Kevin Washington, Charles Groves and at the Tulsa control room, valve operated freely, station appeared to be in good

