



Contractor: **TOMAHAWK PIPELINE** Superintendent: **Kyle Thomas** Construction Manager: **Garrett Pletcher**

Client: **VANTAGE Pipelines US LP** Location: **Zahl NW, ND**

Project / Job #: **West Spur Lateral** Weather: **HI 79** Degrees **F** LO **54** Precip **NO** Windy **Gusts to 20 mph**

Length (LF/M) / Dia: **246,720 / 8.625"** Date of Production: **Friday, May 20th, 2016**

Crew	Activity	MnPwr		Days			Progress			Start	Avg	Avg P Avg
		Pln	Act	Pln	Act	Lst	Daily	Total to Date	%			
	Supervision	0	0	0	0	0	0	0	0.0%		0	0
	Maintenance	0	0	0	0	0	0	0	0.0%		0	0
	Trucking	0	0	0	0	0	0	0	0.0%		0	0
	Early Supervision	0	0	0	0	0	0	0	0.0%		0	0
	Environmental	0	0	0	0	0	0	0	100%		0	0
	Hydro Vac	0	0	21	19	0	0	0	100%	9/9/15	0	0
	Clearing/Grading	0	0	38	34	4	0	246720	100%	9/14/15	7179	6326
	Ditching	0	0	40	30	10	0	246720	100%	10/10/15	8145	6326
	Stringing	0	0	38	35	3	0	246720	100%	9/23/15	7049	6492
	Bending	0	0	39	30	9	0	246720	100%	9/26/15	8197	6853
	Welding	0	0	39	29	10	0	246720	100%	9/28/15	8434	6492
	Coating	0	0	39	36	3	0	246720	100%	10/1/15	6628	6492
	Lower In	0	0	41	31	10	0	245650	100%	10/10/15	7901	6326
	Backfill	0	0	41	27	14	0	223300	100%	10/10/15	8163	6326
	Tie Ins	0	0	38	0	0	0	0	99.90%		0	0
	Road Bores	0	0	38	0	0	0	0	100%		0	0
	HDD	0	0	38	0	0	0	0	100%		0	0
	Clean Up	0	0	42	0	0	0	0	83%		0	0
	Final Restoration	0	0	42	0	0	0	0	82%		0	0
	Hydro Test	0	0	14	0	0	0	0	99.90%		0	0
	Fabrication	0	0	21	0	0	0	0	99.90%		0	0
		0	0	0	0	0	0	0	0.0%		0	0

WELD DATA	UNIT	DAY	TOTAL TO DATE	QUALITY	DAILY TOTALS	XRAY TOTAL TO DATE
Joints Laid by Pipe Gang	EA	0	*4,457 Total welds	Rejects Today		67
Firing Line Welds	EA	0		HDD Welds	*4,457 total welds X-Rayed	
Tie-in Welds	EA	0		Tie in Welds		
	EA	0		Fab welds		
Road Bores	EA	0		Road Bore		
HDD Welds	EA	0		Mainline Welds		
Fabrication Welds	EA	0		Reject Rate	1.45%	1.45%

Crew	Activity	Supervisor	
	Environmental	Brad Agnew	Samples of the hydrostatic testing water have been taken to a lab in Bismark for analysis
	Hydro Vac	Al Trujillo	Completed
	Clearing/Grading	Gary Berthold	Completed
	Ditching		Completed
	Stringing	Josh Thomas	Completed
	Bending	George Pelayo	Completed
	Welding	Chuck Badger	
	Coating	Ed Deutsch	Final touch up on the above ground coating is scheduled to be applied at the end of May
	Lower In	Lance	Completed
	Backfill	James	Completed
	Tie Ins		Final Tie-in at BV-5 into the original vantage pipeline is scheduled for June 23rd, 2016
	Road Bores	Paul Lane/Chuck Badger	Completed
	HDD		Completed
	Final Clean Up		8.1 miles remain on the final cleanup from 80th to 86th street. The cleanup crew will be on the North side of Hwy 50 by tomorrow
	Final Restoration		KC Harvey is seeding behind the contractor and approximately 8.3 miles remain
	Hydro Test		All of the Hydrostatic testing has been completed except the fabrication remaining that is listed below:
	Fabrication		Fabrication to the scrubber at BV-4, Spool piece to tie-in at Oneok, and fabrication of the final TEE into the original Vantage line remain

The caliper tool run began on May 19th at 1:30 PM at the BV-1 launcher. The caliper tool arrived at the BV-4 receiver at 11:10 AM, May 19th. The caliper tool company (Onstream) rep compressed the data and sent to his office for further analysis. The representative's data interpretation shows no signs of an anomaly, ovality deformation, or denting of the pipe.

Garrett Pletcher

Garrett Pletcher

5/20/16

Executive Summary
Vantage West Spur Lateral
5-20-16

Tomahawk (contractor) has continued its cleanup operations and currently have 83% of the cleanup finished. By tomorrow, the equipment will be on the North side of Hwy 50 and 8 miles will remain to finish up at 86th Street. 86th Street to 92nd has been completed as well as 80th street to 56th. KC Harvey environmental has been following close behind seeding the plowed ROW with the proper seed mixtures.

The Vertex Landmen group currently have 34% of the landowners signed off on the final restoration of their property. I spoke to them today and they anticipate 70% of the owners to sign off by the end of next week. There are 88 total tracts.

May 18th, Onstream inspection did a caliper tool run from the BV-1 launcher at 56th street, to the BV-4 receiver at 92nd street. The tool launched at 1:30 PM, May 18th and arrived at the receiver at 11:16 AM, May 19th. The onsite representative (Shawn) uploaded, compressed the data, and sent the information to his logistics team that will do an in depth analysis. Shawn's interpretation of the data showed no signs of an anomaly, ovality deformation, or denting of the pipe.

The drying of the line with poly and foam pigs will continue tomorrow, May 21st until the dew point of - 49 degrees Fahrenheit is achieved. Warning signs/pipeline markers have been placed at every fence line and each side of every road.

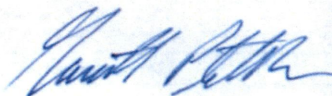
The contractor still has fabrication of the scrubber at BV-4, fabrication of the spool piece that will tie-in to the OneOk facility, and fabrication of the 10x10x8 TEE that will tie-in to the original Vantage Mainline remaining. Those pieces will also be hydrostatically tested prior to the installation of the piping. Touch up coating of the above ground piping at all the block valve sites is scheduled for the last week of May.

The final tie-in date is scheduled for June 23rd, 2016. The tie-in at BV-4 into the original Vantage Mainline will be conducted with strict procedures in place. The Vantage West Spur Lateral is expected to be completely operational by July 1st, 2016.

Please contact me at the number below for any questions or concerns.

Regards,

Garrett Pletcher
Construction Manager
Vantage West Spur Lateral
469-230-6454



5-20-2016