

PU-15-142

Executive Summary
Vantage West Spur Lateral
6-27-16

Tomahawk (contractor) has continued its cleanup operations and currently have 99.9% of the cleanup completed. KC Harvey environmental has been following close behind seeding the plowed ROW with the proper seed mixtures.

The Vertex Landman group have 85 out of the 88 tract owners signed of on the reclamation of their property.

The drying of the line continued last week and the contractor has reached the -49 degree F dew point that is required at each block valve site. 926 poly and foam pigs have been run through the entire line from block valve 1 to block valve 4.

Last week another sizing plate run through the entire line took place. The sizing plate came out in very good shape.

June 21st, Nova operations depressured and isolated the existing Vantage ML.

June 22nd, The contractor cold cut the existing line, checked the LEL, and proceeded to tie-in a 10x10x8" TEE connecting the Vantage West Spur Lateral to the Vantage Mainline behind block valve 5 off 92nd street.

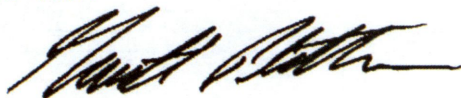
The Vantage West Spur Lateral is registered with the North Dakota OneCall system.

This week the contractor is working on punchlisting and double checking all of the components in order to turnover the line to Nova Operations on 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



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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 77 **Degrees F:** LO 53 **Precip:** NO

Length (LF/Mi) / Dia: 246,720 / 8.625" **Date of Production:** Monday, June 27th, 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	0.00%		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	0 100%		0	0
	Hydro Vac	0	0	21	19	0	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	7048	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	0 100.00%		0	0
	Road Bores	0	0	38	0	0	0	0	0 100%		0	0
	HDD	0	0	38	0	0	0	0	0 100%		0	0
	Clean Up	0	0	42	0	0	0	0	99%			
	Final Restoration	0	0	42	0	0	0	0	99%		0	0
	Hydro Test	0	0	14	0	0	0	0	0 100.00%		0	0
	Fabrication	0	0	21	0	0	0	0	0 100.00%		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	*4,472 total welds X-Rayed	
Tie-In Welds	EA	0		Tie In Welds	*100% x-ray on every weld	
	EA	0		Fab welds		
Road Bores	EA	0		Road Bore		
HDD Welds	EA	0		Mainline Welds		
Fabrication Welds	EA	0		Reject Rate	1.44%	1.44%

Crew	Activity	Supervisor	
	Environmental	Brad Agnew	Samples of the hydrostatic testing water have been taken to a lab in Bismark for analysis. KC Harvey will be updating ND government with the discharge monitoring reports, and water testing results.
	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 will be completed by July 1st, 2016
	Lower In	Lance	Completed
	Backfill	James	Completed
	Tie Ins		Completed
	Road Bores	Paul Lane/Chuck Badger	Completed
	HDD		Completed
	Final Clean Up		400' remain
	Final Restoration		KC Harvey is seeding behind the contractor and approximately 400' remain.
	Hydro Test		Completed
	Fabrication		Completed

The Tie-In of the Vantage West Spur Lateral into the Vantage Mainline was successfully completed on June 27th, 2016. The line is registered with the ND ONECALL system. The Vantage West Spur Lateral is scheduled to be turned over to Nova operations on July 1st, 2016.

Garrett Pletcher
6/27/16