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October 28, 2013

North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480

Attn: Mr. Patrick Fahn



**Post Construction Inspection Report
PU-10-637
Rangeland Colt Pipeline**

In accordance with your request, Keitu Engineers & Consultants, Inc. (Keitu) is pleased to submit for your use two hardcopies and one electronic copy of the Rangeland Colt Pipeline post construction report.

Keitu appreciates the opportunity to work with you on this project and I hope this plan meets with your complete approval. If you have questions or comments, please contact me at the phone number above or via email at ngaffrey@keitu.com.

Sincerely,

Nathan J. Gaffrey, PE
Project Engineer

Enclosure: Post Construction Report
CD-ROM copy of associated files

169 **PU-10-637** Filed: 10/29/2013 Pages: 8
Rangeland Colt Pipeline interim inspection report

Keitu Engineers & Consultants, Inc.
Nathan Gaffrey, PE

Rangeland Pipeline, LLC

Post Construction Inspection Report

October 16, 2013

Case No. PU-10-637

Prepared for:

State Of North Dakota



NORTH DAKOTA PUBLIC SERVICE COMMISSION

PUBLIC UTILITIES DIVISION

600 E Boulevard Ave, Dept 408

Bismarck, ND 58505-0480



1403 27th Street NW

Mandan, ND 58554-0098

Engineering, Environmental, & Regulatory Affairs Professionals

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Executive Summary

Keitu Engineers and Consultants (Keitu) performed a post construction inspection of Rangeland Pipeline, LLC's 20.5 mile, 10-inch crude oil pipeline project in Williams County, ND for the purpose of ensuring that the facility authorized by the North Dakota Public Service Commission was constructed in compliance with the siting laws and rules and applicable Commission orders. Re-contouring and reseeded had been completed and re-vegetation along the route was nearly completed. The only area of partial re-vegetation was where a landowner had planted crops over the pipeline. The transmission facility has been constructed in compliance with the siting laws and rules and applicable Commission orders.

PSC Case Number: PU-10-637

Inspectors: Dirk Churchill, Jeremiah Trnka **Date:** 10/16/2013 **Time:** 10:30 AM

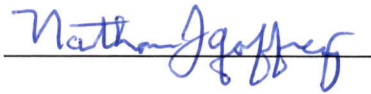
Observations and Findings

At the time of the inspection, re-contouring and reseeded had been completed and re-vegetation along the route was nearly completed. (Appendix 1, Photos 1, 2). Where landowners had planted crops over the pipeline, re-vegetation varied from being partially completed (Appendix 1, Photo 3) to nearly completely reclaimed (Appendix 1, Photo 4). Re-vegetation is of paramount concern to prevent erosion, especially around steep slopes (Appendix 1, Photo 5).

Projects of this type typically are subject to PSC stipulations to monitor re-vegetation and restoration by October 1st for 3 years following completion of construction. In other areas, if reseeded is still unsuccessful after 3 years, additional topsoil may be necessary for vegetation to colonize the area. However given the whole of the Project of focus in this assessment, the re-vegetation of the area exceeded the 70% criteria. The transmission facility has been constructed in compliance with the siting laws and rules and applicable Commission orders.

Report Certification

I declare that, I have the specific qualifications based on education, training, and experience to assess a property of the nature, I believe to the best of my professional knowledge the contents of this report accurate represents the condition of this project.



Nathan J. Gaffrey, P.E.

Project Engineer

APPENDIX 1 CONSTRUCTION PICTURES



Photo 1 – Nearly complete re-vegetation



Photo 2 – Nearly complete re-vegetation



Photo 3 – Partially complete re-vegetation in cropland



Photo 4 – Nearly complete re-vegetation in cropland



Photo 5 – Steep sloped area of erosion concern