



◇ June 26, 2013

Mr. Patrick Fahn
Director, Compliance and Competitive Markets
North Dakota Public Service Commission
600 East Boulevard Avenue, Dept. 408
Bismarck, ND 58505-0480



Re: Contract PU-631-12-EE, Case No. PU-10-218

Dear Mr. Fahn:

Enclosed please find the inspection field notes for the second construction inspection performed by KLJ on the BakkenLink pipeline on June 19, 2013.

If you have any questions or comments please feel free to contact me at 701-250-5957.

Sincerely,

KLJ

A handwritten signature in black ink, appearing to read 'Chad Wiedenmeyer'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Chad Wiedenmeyer
Pipeline Engineer

Enclosure(s): BakkenLink Construction Inspection Field Notes
Project #: Contract PU-631-12-EE, Case No. PU-10-218



BakkenLink Field Inspection Notes

Case No. PU-10-218 – Williams to Billings County BakkenLink Pipeline, LLC

Contract PU-631-12-EE

Field Inspection Performed: June 19, 2013

Field Inspection Performed by: Arnie E. Siverson, KLJ

Inspection started with meeting Bob Gnirk, of Bartlett & West, at Fairfield, ND where we planned and discussed right of way progress procedures and pipeline installation. The day was cool and breezy. Skies were partly sunny and cloudy with a temperature around 66 degrees. We left Fairfield and headed west on 20th street, approximately $\frac{3}{4}$ of a mile to conduct our first inspection of the 12" crude pipe line.

Our intent was to inspect pipeline right of way north of Fairfield, ND. Everything south of Fairfield had been inspected on 11-28-12, which was done on the first inspection.

The pipeline contractor on this project is Alpha Oil & Gas.

1. Our first stop was at station 1040+38, which is centerline of 20th street. It was noted that the pipeline on both sides of 20th street has been installed. The pipe has been installed in the trench. Right of way has been graded and top soil leveled off. It was noted the pipeline trench on both sides of the roadway has started to cave in due to the excessive wet weather and amount of rain this spring. The trenches need to be filled in and repairs made. Pipeline was bored under 20th street. Right of way has been cleaned up and fences have been installed. Right of way needs to be seeded thru alfalfa field.
2. Second stop was station 1364+92, which is center line of 14th street SW. Pipe has been installed in trench. Right of way has been graded and top soil leveled off. Pipeline was bored under 14th street SW. Right of way needs to be cleaned up as misc. piping and materials were left on site. Fencing has been completed. Right of way needs to be seeded thru alfalfa hay field.
3. Third stop was station 1789+58, which is center line of 7th street. Met with Alpha job foreman, who was on construction site. Pipeline has been installed in trench with back filling completed. Contractor was working on leveling top soil over right of way on south side of 7th street. Top soil grading has not been started on north side of 7th street. Mats have been picked up and stacked on right of way. Cleanup work still needs to be completed. Pipeline has been bored under roadway. Fencing has been completed.



4. Fourth stop was station 1900+34 which is the Dunn Receiving Point, south of highway 200. Stopped at site to look at valve set. Right of way has been graded, pipeline installed in trench and back filled. No top soil grading done. A lot of site cleanup to be done on right of way and around valve set. Tie-in to valve set from receiving station by others. Tank batteries are also located on site.
5. The fifth stop was station 2523+49 which is center line of Lone Butte Road. Stopped at site to look at Valve Set #7 which is located at station 24+89, on the north side of road way. Gauge on valve set showed 122psi. Oil in line heading south to Fryberg main line #10 facility. Right of way has been graded, pipeline installed in trench and backfilled. Right of way on south side of roadway has had top soil re-graded and has been seeded. This portion of right of way has been cleaned and looks excellent. Right of way on north side of road has had piping installed in trench and back filled. Top soil grading and planting needs to be completed. Pipe line has been bored under roadway and fencing completed.
6. Sixth stop was station 2742+91 which is located at Summit Camp Site. Pipe line has been installed and trench backfilled. Top soil has been graded back and has been seeded. The stretch of right of way that has been seeded is about one mile long. It was noted that grass seed was sprouting and growing. A lot of clean up was completed except 2 spots that fracked out when right of way was bored.
7. Seventh stop was station 2986+48 which is on north side of Long X Road. Stopped at site to look at Valve Set #6 which is located on south side of river. Gauge on valve set showed 364psi. Oil in line. A lot of clean up still required. Mats still on ground due to wet conditions. Pipe has been installed in trench and backfilled to the east. Grading has been done on right of way heading east, but no seeding done due to wet conditions. Pipeline heading north has been bored and crosses river. A lot of clean up needs to be done on this bore site.
8. Eighth stop was station 2933+41 which is on north side of Long X Road. This station was a bore site. Bore rig was located on north side of roadway and drilled under Long X Road and headed south up towards badland buttes. Right of way on north side of road way is a mess and a lot of cleanup work is required. Grading and seeding needs to be done as well.



9. Ninth stop was station 3150+84 which is off 14th street SW. Stopped at site to look at Valve Set #5 which is set on the north side of the river. Gauge on valve set showed 187psi. Oil in line. Line has been installed in trench and backfilled. Grading has been done on south side of road way which looks pretty good. Grading still needs to be done on north side of road. Cleanup work needs to be completed. Roadway has been bored and fencing completed. No seeding of right of way done.
10. Tenth stop was station 3491+52. This site is located at Northern Border pipe line location. Right of way has been graded and piping has been set on supports. Bore crew was on site ready to pre-drill line today and pull line into trench Tuesday. This line is to extend under Northern borders 42" pipe line.
11. Eleventh stop was station 3913+85 which is center line on county road 23rd street NW. We unloaded the atv buggy here and headed south on right of way. Welders on site working on line getting ready so pipeline can be bored under county road. Right of way has been graded on both sides of county road with top soil placed alongside of right of way. No trenching started yet.
12. Twelfth stop was station 3906+11. This station is located on right of way. Right of way has been graded with pipe welded and setting pipe supports. No trenching has been done. Top soil is placed off right of way.
13. Thirteenth stop was station 3870+60. This station is located on right of way, south side of road way 23nd street NW. Right of way has been graded with piping welded together laying on top of ground on supports, heading north. No piping strung out heading south. Top soil has been pushed off right of way.
14. Fourteenth stop was station 3928+00. This station is located on right of way, on the north side of roadway 23nd street NW. Right of way has been graded and piping has been strung out on the ground, but no welding done. Top soil has been placed off right of way.



15. Fifteenth stop was station 3945+50. This station is located on right of way. This site is an area of native culture/environmental concern. Grading for the right of way has been completed with piping strung out on ground. No welding has been done. Cultural site has been fenced off along east side along right of way.
16. Sixteenth stop was station 3990+21. This station is located on right of way, heading north. Right of way has been graded with top soil placed along edge of right of way. Piping was strung out along right of way. Contractor was on site bending piping to fit graded route. No welding had been done on piping yet.
17. Seventeenth stop was at station 4046+42. Station is located at end of right of way, where a boring will be done to cross a creek bed. This is the end of the line where piping has been unloaded off truck. Rest of right of way has been graded towards the north. No piping strung out beyond this point. Mats were placed around creek bed so equipment and workers can continue along right of way.
18. Eighteenth stop was at station 4075+15. Station is located on right of way heading north. Right of way has been graded with top soil placed on edge of right of way. No piping strung out. Blocking has been placed on right of way for future piping supports.
19. Nineteenth stop was at station 4092+45. Station is located at end of right of way where a boring will be done to cross a creek bed. Right of way has been graded with top soil placed alongside of right of way. No piping on site.
20. Twentieth stop was at station 4262+66, which is center line of private roadway 118. Right of way to west is graded and piping is in trench and backed filled, to highway 23 north side approximately 4 miles. Right of way to east of road way 118 has just been graded with top soil placed alongside of right of way. No piping has been installed in right of way.
21. Twenty-first stop was station 4369+30 center line of road 116 Ave NW. This is the end of the line for right of way work at present. To the east of this station is only prairie. No grading started yet. To west of station 4369+30 right of way was graded and ready to bore line under roadway 116 Ave NW. This is end of line as of 6/19/13.



During the inspection, nothing was found to be unacceptable practices for the installation of the 12" oil line. No non-compliance conditions were noted with respect to the requirements by the Commission in its Order. Pictures were taken during inspection and can be provided to the Commission upon request.

Inspection conducted by

Arnie E. Siverson, KLJ