| KEYSTONE XL PIPELINE PROJECT PIPELINE ROUTE VARIATION FORM |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |  |  |  |  |
| VARIATION TYPE: | Refinement: |  | Reroute: | X | Footprint: | X | Design: |  |
|  | Centerline: | X | Pump Station: |  | Valve Site: | X | CAR: | X |
| 2 |  |  |  |  |  |  |  |  |
| LOCATION: |  | Sketch: |  |  | Pictures: See attached |  |  |  |
| State: <br> Township: | SD | County: | Tripp |  | Quad Map: N/A |  |  |  |
|  | 96N | Range: | 75W |  | Aerial Map: See attached map sheet |  |  |  |
| Section: | 03, 10 |  | Centerline: | 3/14/2012 | MP: | 586.23 | to | 586.64 |
| 3 |  |  |  |  |  |  |  |  |
| REASON FOR ROU | VARIATION | ase inclu | e reason for rou | ation): |  |  |  |  |

DETAIL ROUTE VARIATION (Please describe route variation in detail):
Route variation starts near MP 586.2 and deviates $\sim 7^{\circ}$ in the southeast direction. It extends for $\sim 2,104 \mathrm{ft}$. to rejoin the CL near MP 586.6.

ADDITIONAL IMPACTS (Please include any additional impacts which may affect cost; crossings, induction bends, etc.):
No New Landowners are impacted by this route variation. Three tracts are impacted by reroute:
ML-SD-TR-11620.000 (David \& Sherry Rohde)
ML-SD-TR-11630.000 (Judell A Weidner and Lee O. Trustees...)
ML-SD-TR-11650.000 (Chandlor E. Shippy)
Route Variation impacts the relocation of MLV-23A and VAR-23A south of 293rd Street.

Miscellaneous Costs savings include landownwer and construction savings (avoid well).





## RV-0294-01 - Looking Northwest at minute 06:51.844

