

RIGHT-OF-WAY HORIZONTAL REPRESENTATION (2D)

TRACT NUMBER OWNERSHIP/AGENCY

LENGTH APPLICABLE DWG. NO.

LAND USE

PIPELINE PROFILE

HORIZ. 1"=500' VER. 1"=100'

HORIZONTAL REPRESENTATION (2D)

LEGEND

PIPELINE PLAN (SCALE 1" = 500') HORIZONTAL REPRESENTATION (2D)

FOR CONTINUATION SEE DWG. 1835-03-ML-02-012

1560+00

1570+00

1580+00

1590+00

1600+00

1610+00

1620+00

1630+00

1640+00

1650+00

1660+00

1670+00

1680+00

1690+00

1500'

1450'

1400'

1350'

1300'

1250'

NATURAL GROUND

TOP OF PIPE

McCOOK COUNTY, SOUTH DAKOTA

T-101-N, R-56-W

SECTIONS 17, 20, 21 & 28

KEYSTONE MAINLINE (NPS 30 2009) ROSWELL SECTION

FLOW

MAINLINE VALVE NO. ROSWL+31 4-A0-MLV-001 SEE DWG. 1835-01-ML-03-130

DISCLAIMER

UNIVERSAL PEGASUS MAKES NO WARRANTY (EXPRESS, IMPLIED, OR OTHERWISE) THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE OR COMPLETE AS TO ANY AND ALL SUBSURFACE CONDITIONS AND CONFORMATION. ANY RELIANCE CONTRACTOR PLACES ON THE INFORMATION CONTAINED HEREIN AS TO SUCH CONDITIONS IS DONE SO AT ITS OWN RISK AND EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE STATE "ONE CALL" SYSTEM PRIOR TO ANY EXCAVATION.

OPERATING AND TEST PRESSURE

1. THE MAXIMUM OPERATING PRESSURE (MOP) IS 1440 PSIG

2. THE MINIMUM TEST PRESSURE WAS 1803 PSIG.

BILL OF MATERIALS (3D)

ITEM NO. DESCRIPTION QUANTITY

1 30" O.D. X 0.438" W.T. API-5LX-70 W/FBE COATING 192'

2 30" O.D. X 0.386" W.T. API-5LX-70 W/FBE COATING 12,194'

7 30" O.D. X 0.516" W.T. API-5LX-70 W/FBE COATING 597'

425 MAINLINE VALVE ASSEMBLY ROSWL+31 4-A0-MLV-001 (+26)

1 EA

PIPELINE MARKERS 0 EA

PIPELINE WARNING SIGNS 10 EA

CATHODIC TEST STATION 3 EA

AERIAL MARKER 1 EA

REFERENCE DRAWINGS

REF. NO. DRAWING NO. REV. NO. DRAWING TITLE

425 1835-01-ML-03-130 3 MAINLINE VALVE ROSWL+31 4-A0-MLV-001

1835-01-ML-03-131 0 MAINLINE VALVE ROSWL+31 4-A0-MLV-001

REVISIONS

NO. DATE REV. BY CHK. BY APPR. BY ENV. BY DESCRIPTION

1 5/12/08 UEI RDC LAC SEC ISSUED FOR CONSTRUCTION

2 10/17/14 UEI ISSUED FOR AS-BUILT

1835-03-ML-02-013 REPLACES COVERAGE OF IFC DRAWINGS

1835-03-ML-02-020

1835-03-ML-02-021

1835-03-ML-02-022

ENGINEERING RECORDS

DRAWN BY INITIAL DATE

UEI 10/02/22

CHECKED BY

ENV. APPR. BY

COMP. BY

PROFESSIONAL ENGINEER

NAME STATE LIC# REV# DATE

LOYS ALVIN GRAY, III SD CE9004

SCALE: 0 125 250 500 Feet

TransCanada In business to deliver

KEYSTONE MAINLINE (NPS 30 2009) ROSWELL SECTION

1835 SPREAD 3B DISCIPLINE 03

AS-BUILT ALIGNMENT

M.P. 388.12 TO M.P. 390.58

SHEET 13 OF 20 SHEETS

STA. 1561+04 TO STA. 1691+13

DRAWING NO. 1835-03-ML-02-013

REV#

TEST SECTIONS (3D)

TOPSOIL SALVAGE METHOD

STREAMS

WETLANDS

TIMING CONSTRAINTS

STATIONS

MONITORING

RECLAMATION

SPECIAL CONSIDERATIONS

PIPELINE SCHEMATIC

HEAVY WALL PIPE

WELD FITTING

TRANSITION PIECE

CASING PIPE

CONCRETE COATING

SET-ON WEIGHTS

PIPELINE WARNING SIGN

PIPELINE MARKER

MATERIAL ITEM

GROUNDING MAT

ZINC RIBBON

AERIAL MARKER

CATHODIC TEST STATION

MAINLINE VALVE

CHECK VALVE

OPEN CURT

BORIE

DRINKING WATER USA

ECOLOGICAL USA

HIGHLY POPULATED AREA

OPERATOR (KEYSTONE)

DEFINED

OTHER POPULATED AREA

SOURCE WATER

PROTECTION AREA

WELLHEAD PROTECTION AREA

HORIZONTAL STATIONS (2D)

1560+00

1570+00

1580+00

1590+00

1600+00

1610+00

1620+00

1630+00

1640+00

1650+00

1660+00

1670+00

1680+00

1690+00

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1450'

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