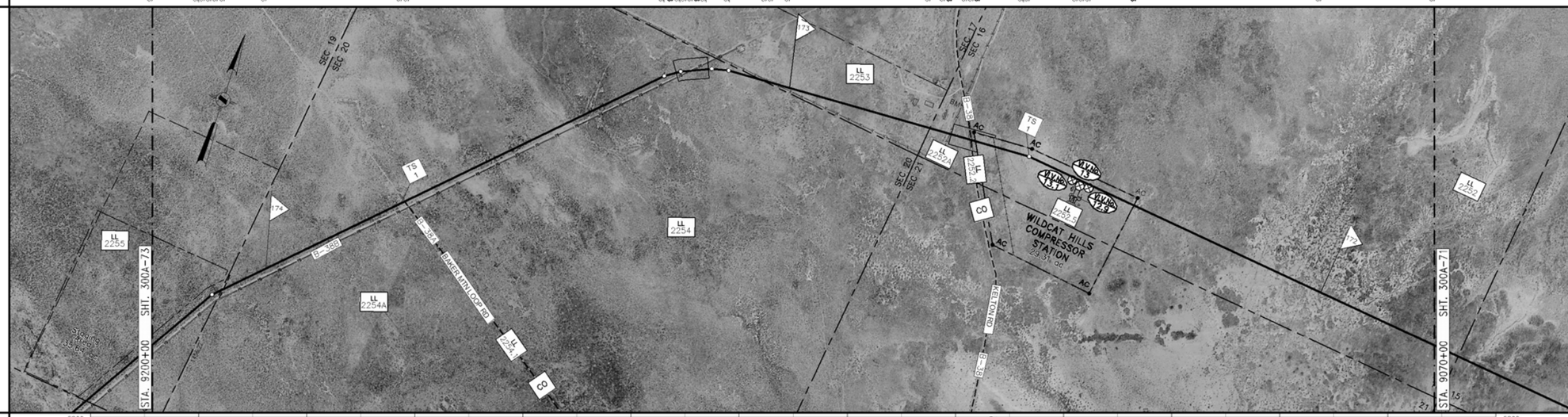
## LAND

| LINE LIST | LAND PLAT NUMBER | PIPELINE STATION | HORIZONTAL DISTANCE |
|---|---|---|---|
| | 2255 | 9200+00 | 823 FT |
| | 2254A | 9191+77 | 5460 FT |
| | 2254.1 | 9172+94 | |
| | 2254 | 9137+17 | 1629 FT |
| | 2253 | 9120+88 | 438 FT |
| | 2252A | 9116+50 | 1584 FT |
| | 2252.2 | 9116+95 | |
| | 2252.5 | 9100+66 | 3066 FT |
| | 2252 | 9070+00 | |

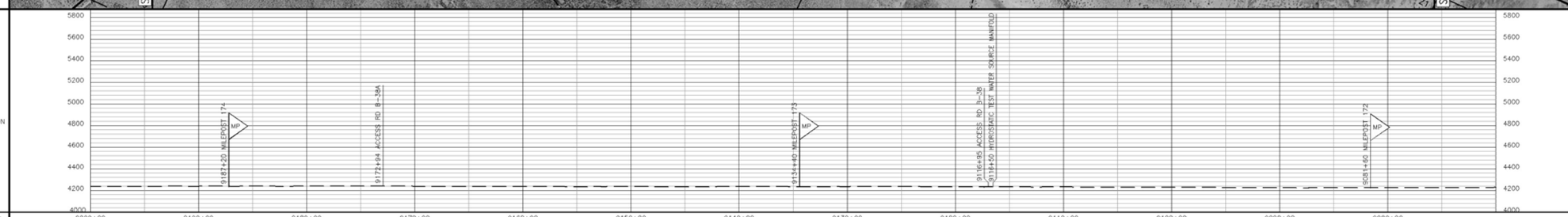
## PIPELINE STATIONING

9200+00 MATCHLINE
9192+74 P.I. = 18°27'57" LT
9192+74 TIE TO FIBER OPTIC CABLE 6½" & 68' LT.
9191+77 ACCESS RD B-38B
9190+87 MANHOLE, 6½' LT.
9187+20 MILEPOST 174
9173+29 TEST LEAD TYPE 1
9172+94 ACCESS RD B-38A(BAKER MTN LOOP RD)
9149+28 P.I. = 18°25'56" LT & FIBER OPTICS CABLE 56' & 60'LT
9145+14 END 16"Ø/BGN 115"W TEMP WORK SPACE
9144+21 P.I. = 19°25'41" LT & FIBER OPTICS CABLE 31' & 36'LT
9143+83 FIBER OPTICS CABLE
9143+53 END 16"Ø/BGN 195"W TEMP WORK SPACE
9142+32 END 115"W/BGN 195"W TEMP WORK SPACE
9140+26 P.I. = 18°25'46" LT
9137+17 SECTION LINE
9136+15 FENCE
9134+40 MILEPOST 173
9120+88 SECTION LINE
9118+66 FENCE
9118+66 END 195"W/BGN 115"W TEMP WORK SPACE
9116+95 ACCESS RD B-38(BAKER MTN LOOP RD) & CONSTRUCTION SPREAD BREAK
9116+55 ACCESS RD B-38(HALTON RD) & MANIFOLD
9116+50 PROPERTY LINE & BGN 195"W TEMP WORK SPACE & END COMPRESSOR STATION
9111+33 P.I. = 4°00'16" LT
9111+33 TEST LEAD TYPE 1
9100+66 PROPERTY LINE; END 115"W TEMP WORK SPACE & BGN COMPRESSOR STATION
9106+82 MLV 13.1
9105+98 MLV 13
9105+13 MLV 12.9
9081+60 MILEPOST 172
9070+00 MATCHLINE

## ALIGNMENT STRIP MAP




## PROFILE




## MATERIAL

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PIPE CODE (SEE TABLE) | | 2684' (P1) | | 40' (P3) ACCESS RD B-38A SEE DWG 300Z-9 | | 2871' (P1) | | 80' (P3) FIBER OPTICS CABLE NO DWG | | 2588' (P1) | | 80' (P3) ACCESS RD B-38 SEE DWG 300Z-9 | | 907' (P4) | | 300' (SF) MLV-12.9,13 & 13.1 SEE DWG 300A-72A | | 400' (P4) | 80' (P2) | | 2968' (P1) | | |
| PIPELINE | 9200+00 | | 9173+14 | | 9172+74 | | 9144+03 | | 9143+23 | | 9117+35 | | 9116+55 | 9107+48 | 9106+82 | 9106+98 | 9105+13 | 9104+48 | 9100+48 | 9094+68 | | | 9070+00 |
| PIPESAKS | | | | | | | | | | | | | | | V13.3 | V13 | V12.9 | | | | | | |
| | | | | | | | | | | | | | | WILDCAT HILLS COMPR. STATION SEE DWGS RWCH-02-00-1 & 300A-34 | | | | | | | | | |
| COATING CODE (SEE TABLE) | | 8270' (C1) | | | | | | | | | | 80' (C2) | | 902' (C1) | | 300' (C5) | | | | | 3448' (C1) | | |
| DESIGN FACTOR | | .80 | | .60 | | .80 | | .60 | | .80 | | .60 | | .50 | | | | | | | .80 | | |
| CLASS LOCATION | | CLASS 1 | | | | | | | | | | | | | | | | | | | | | |
| DESIGN PRESSURE | | 1440 | | | | | | | | | | | | | | | | | | | | | |

## GENERAL NOTES

1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   A. PRODUCTION GIRTH WELDS – UC 235
   B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – AC 135
3. ALL CONSTRUCTION R/W IS 115' WIDE EXCEPT AS NOTED.
4. EXTRA WORKSPACE IS APPLIED 40' TO EACH SIDE OF THE CONSTRUCTION WORKSPACE (195' WIDE TOTAL WORKSPACE) EXCEPT AS NOTED.
5. THE ENVIRONMENTAL INSPECTOR CAN APPROVE SHIFTING OF THE WORKSPACE WITHIN THE STUDY CORRIDOR AS APPROPRIATE.
6. THE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS EXCEPT AS NOTED.

## LEGEND

- INTERSTATE HIGHWAY
- UNITED STATES HIGHWAY
- STATE HIGHWAY
- COUNTY HIGHWAY OR ROAD
- RAILROAD TRACKS
- ACCESS ROAD
- CREEK, RIVER, STREAM
- FOREIGN PIPELINE
- POWER LINE
- FIBER OPTICS LINE
- MAIN LINE VALVE (MLV)
- MAIN LINE VALVE DESIGNATION
- WELL
- ARCHAEOLOGICAL SITE
- ARCHAEOLOGICAL POINT
- WETLANDS AREA
- WETLANDS POINT
- STAGING AREAS

FOR LINE TYPES NOT SHOWN IN LEGEND, SEE EP STANDARD TYP-G-P-1.

## SCALE & PROJECTION

500 250 0 500 1000

SCALE: 1" = 500' HORIZONTAL
1" = 500' VERTICAL

PROJECTION: UTM, NAD83, ZONE 12, US FOOT

| NO. | DATE | BY | DESCRIPTION | PROJ. ID | APPR. |
|---|---|---|---|---|---|
| C | 3/18/10 | JDK | IMPLEMENTATION FILING | 128575 | JJJ |
| B | 7/10/09 | JDK | ISSUE FOR FERC FILING | 128575 | JJJ |
| A | 1/26/09 | JDK | ISSUE FOR FERC FILING | 128575 | JJJ |

REVISIONS

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 9070+00 TO STA. 9200+00

| | | | |
|---|---|---|---|
| Division: ROCKY MOUNTAIN | | Op. Area: ELKO | |
| State: UTAH | | Co./Par.: BOX ELDER | |
| Section: – | Township: 12N | Range: 11W | |
| Drafter: JDK | Date: 08/27/08 | Project ID: 128575 | Type: CIVIL 3D |
| Chk'd: RJG | Date: 10/15/08 | Scale: 1" = 500' | |
| Appr: JJJ | Date: 12/03/08 | Filename: 0300-A-0061 | |

300A-72

Sheet: 72 of 273 Rev: 0

TMPI FMENTATION PLAN 05/24/2010

Apr 14, 2010 - 1:53PM

## OWNERSHIP

| LL NO. | OWNERSHIP |
|---|---|
| 2252 | STATE OF UTAH |
| 2252.5 | WILDCAT HILLS COMPRESSOR STATION |
| 2252.2 | BOX ELDER COUNTY(EASEMENT ONLY) |
| 2252A | STATE OF UTAH |
| 2253 | JERRY & VIOLET D. MORGAN TRUST |
| 2254 | USA-BLM |
| 2254.1 | BOX ELDER COUNTY(EASEMENT ONLY) |
| 2254A | USA-BLM |
| 2255 | MIKE O'LEARY, ETAL |

| LL NO. | OWNERSHIP |
|---|---|
| | |

## MATERIAL SUMMARY

| ITEM | DESCRIPTION | QTY |
|---|---|---|
| P1 | PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70 | 11113 |
| P2 | PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70 | 80 |
| P3 | PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70 | 200 |
| P4 | PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70 | 1307 |
| SF | SHOP FABRICATION | 300 |
| C1 | PIPE COATING TYPE 1 | 12620 |
| C2 | PIPE COATING TYPE 2 | 80 |
| C5 | PIPE COATING TYPE 5 | 300 |
| V13 | MAIN LINE VALVE 13 | 1 |

TBD – TO BE DETERMINED

## FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

## COATING DEFINITIONS

TYPE 1 – PLANT APPLIED COATING
EXTERIOR: 14-16 MIL FUSION BONDED EPOXY (FBE).
INTERIOR: EFFICIENCY COATED PER IC-100.

TYPE 2 – PLANT APPLIED COATING: ABRASION RESISTANT SYSTEM 40 14-16 MIL MIN CORROSION & 40 MIL ARO

TYPE 3 – PLANT APPLIED COATING W/CONTRACTOR APPLIED CONCRETE-14 MIL FUSION BONDED EPOXY (FBE) WITH 7" CONCRETE

TYPE 4 – FITTING/BEND COATING: SPECIFICATION UC 271.

TYPE 5 – SHOP FABRICATION: PLANT OR FIELD APPLIED PER EP CONSTRUCTION STANDARDS

## MATERIAL DEFINITIONS

PIPESAK – PIPESAK WEIGHTS: SET-ON, 12500#, SPACING 12.5' ON CENTER

SCREW ANCHOR – SCREW ANCHOR SYSTEM: ANCHORPIPE #AP320-42, SPACING 80' ON CENTER

## REFERENCE DRAWINGS

| | |
|---|---|
| TYP-G-P-1 | TYPICAL MAPPING SYMBOLS |
| TYP-G-P-2 | TYPICAL PIPELINE CROSSINGS |
| TYP-P-P-123 | TYPICAL DETAILS CATHODIC PROTECTION |
| TYP-P-P-124 | TYPICAL DETAILS CATHODIC PROTECTION |
| 300Z-9 | TYPICAL OPEN CUT ROAD CROSSING |
| 300Z-10 | TYPICAL BORED ROAD CROSSING |
| 300Z-72A | PLAN/DETAILS – MLV-12.9, 13 & 13.9 |
| RWCH-02-00-1 | PLOT PLAN – WILDCAT HILLS COMPRESSOR STATION |

## ENVIRONMENTAL NOTES

1. EPHEMERAL STREAM – IF WATER IS PRESENT AT THE TIME OF CONSTRUCTION, THE TEMPORARY CONSTRUCTION WORKSPACE WILL BE LIMITED TO 115' AND THE EXTRA WORKSPACE WILL BE SET-BACK 50' FROM WATER'S EDGE.