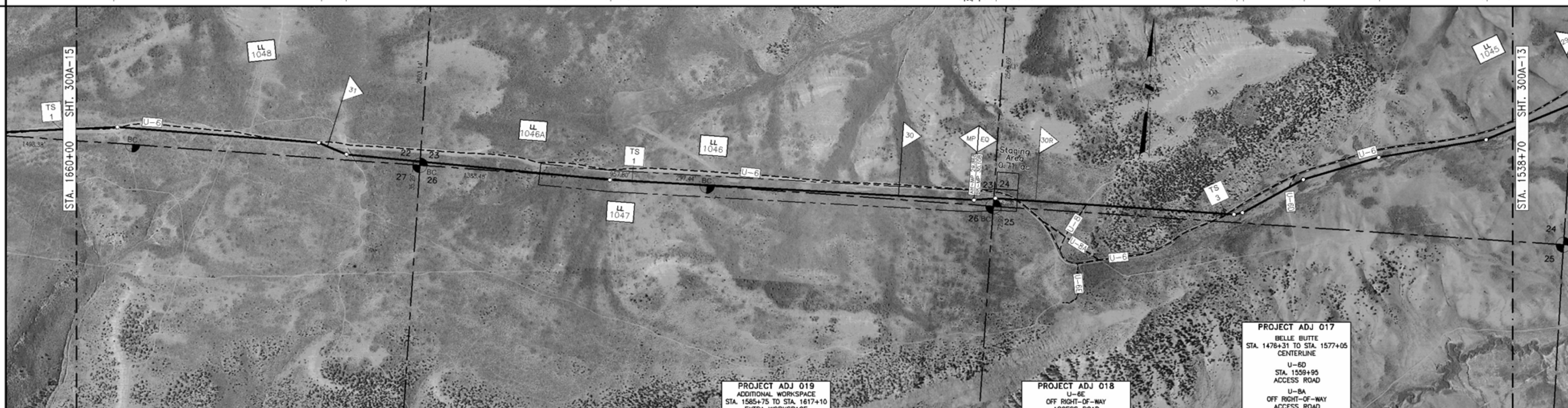
LAND

	1660+00		1628+08		1614+31		1604+62		1587+87		1538+70
LINE LIST / LAND PLAT NUMBER		1048		1046A		1047		1046		1045	
PIPELINE STATION	1660+00		1628+08		1614+31		1604+62		1587+87		1538+70
HORIZONTAL DISTANCE		3192 FT		1377 FT		972 FT		2940 FT		4917 FT	

PIPELINE STATIONING

1660+00 MATCHLINE
1656+22 P.I. < 6°51'43" LT.
1656+02 ACCESS RD U-6
1637+65 P.I. < 18°04'07" LT.
1636+80 MILEPOST 31
1634+89 P.I. < 16°58'06" RT.
1634+41 ROAD
1628+08 SECTION LINE
16317+10 END 195'W/BGN 115'W TEMP WORK SPACE
1616+95 TOP BANK
1614+36 TOE BANK
1614+31 SECTION LINE
1610+56 P.I. < 2°23'11" RT.
1608+51 TEST LEAD TYPE 1
1604+62 SECTION LINE
1584+00 MILEPOST 30
1577+05 ahd < 7°53'01" RT
STATION EQUATION +1264'
1589+69 bk= END REALIGNMENT
1587+87 SECTION LINE
1587+72 P.I. < 8°34'28" LT.
1585+83 ACCESS RD U-6
1585+75 END 115'W/BGN 195'W TEMP WORK SPACE
1585+00 HYDROSTATIC TEST MANIFOLD
1584+00 MILEPOST 30R
1579+34 ACCESS RD U-8
1566+48 TEST LEAD TYPE 3
1566+33 ACCESS RD U-6
1565+73 P.I. < 15°29'33" RT.
1564+94 P.I. < 16°56'08" RT.
1559+95 ACCESS RD U-6D
1558+57 P.I. < 12°14'14" LT.
1551+34 P.I. < 6°56'36" LT.
1541+34 P.I. < 12°54'16" RT.
1538+70 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE): 1660+00 — 8640' (P2) — 1577+05 ahd / STA EQ +1264' / 1589+69 bk= — 1586+24 — 80' (P3) ACCESS RD U-6 SEE DWG. 300Z-3 — 1585+44 — 1871' (P2) — 1566+73 — 80' (P3) ACCESS RD U-6 SEE DWG. 300Z-3 — 1565+93 — 578' (P2) — 1560+15 — 40' (P3) ACCESS RD U-6D SEE DWG. 300Z-3 — 1559+75 — 2105' (P2) — 1538+70

PIPELINE

PIPESAKS

COATING CODE (SEE TABLE): 13394' (C1)

DESIGN FACTOR: .72 | .60 | .72 | .60 | .72 | .60 | .72

CLASS LOCATION: CLASS I

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
1045	BELL BUTTE GRAZING PARTNERSHIP		
1046	BELL BUTTE GRAZING PARTNERSHIP		
1047	USA-BLM		
1046A	BELL BUTTE GRAZING PARTNERSHIP		
1048	USA-BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	13194
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	200
C1	PIPE COATING TYPE 1	13394

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-3	TYPICAL OPEN CUT ROAD CROSSING

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.

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

REVISIONS

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128574	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128574	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128574	JJJ

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 1538+70 TO STA. 1660+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: WYOMING		Co./Par.: UINTA	
Section: –	Township: 18N	Range: 118W	
Drafter: JDK	Date: 08/27/08	Project ID: 128574	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0001	
300A-14		Sheet: 14 of 277	Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 8:53AM