LAND

LINE LIST	LAND PLAT NUMBER	PIPELINE STATION	HORIZONTAL DISTANCE
	2178	6470+00	9 FT
	2177.1	6469+91	1646 FT
	2177	6453+45	320 FT
	2176.1	6450+25	308 FT
	2176	6447+17	910 FT
	2175	6438+07	3581 FT
	2174A	6402+26	
	2074.1	6395+17	
	2174		2671 FT
	2173	6375+55	2822 FT
	2172	6347+33	833 FT
		6340+00	

PIPELINE STATIONING

6470+00 WATCHLINE
6469+91 RANGE LINE
6469+25 ACCESS RD B-9A
6468+69 FENCE & PROPERTY LT.
6466+24 P.I. < 17°22'53" LT.

6453+45 FENCE & PROPERTY LINE
6450+33 FENCE
6450+25 SECTION LINE

6447+17 FENCE & PROPERTY LINE

6441+60 MILEPOST 122

6438+08 TEST LEAD TYPE 1
6438+07 FENCE & PROPERTY LINE

6429+97 P.I. < 19°45'34" LT.

6408+08 FENCE

6403+33 end < 4.56°11' LT
STATION EQUATION ±330
6403+68.3m= END REALIGNMENT
6402+26 SECTION LINE

6395+17 ACCESS RD B-9B(NTECOW)
6395+33 TEST LEAD TYPE 1
6395+33 FENCE

6388+82 MILEPOST 121R

6375+56 SECTION LINE

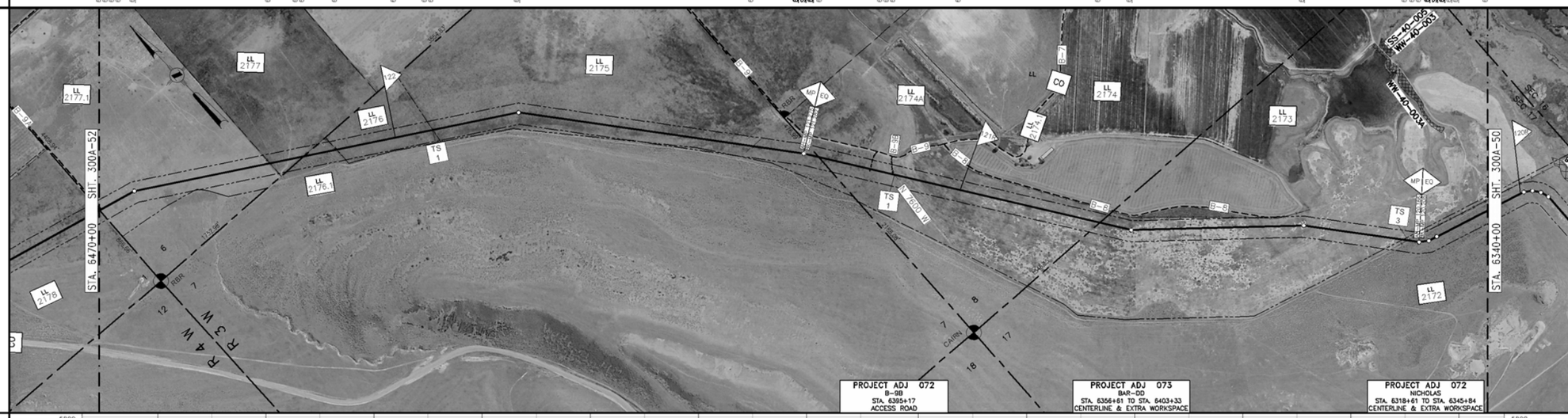
6372+62 P.I. < 14°11'23" RT.

6356+61 P.I. < 9°43'10" LT & BGN. REALIGNMENT

6347+33 PROPERTY LINE
6346+90 FENCE
6346+84 TEST LEAD TYPE 3
6346+84 end < 15.46°05' RT
STATION EQUATION ±115
6347+00.3m= END REALIGNMENT
6345+84 TEST LEAD TYPE 2
6345+25 P.I. < 10°14'1" LT.

6340+00 WATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	P1
PIPELINE	6470+00 — 13151' — 6340+00
PIPESAKS	6403+33 dist < 4.56°11' LT; 6403+68.3m; 6402+26; 6347+33 dist < 15.46°05' RT; 6347+00.3m; 6346+84
COATING CODE (SEE TABLE)	C1
DESIGN FACTOR	.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. 6340+00 TO STA. 6470+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 10N	Range: 3W	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type:
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	CIVIL 3D
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0041	

300A-51

Sheet: 51 of 277 Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Jan 14, 2010 - 11:50AM

LL NO. / OWNERSHIP

LL NO.	OWNERSHIP
2172	NICOLI G. NICHOLAS, JR.
2173	BAR DD, LC
2174	BAR DD, LC
2174.1	BOX ELDER COUNTY(EASEMENT ONLY)
2174A	BAR DD, LC
2175	BAR DD, LC
2176	ROSE LYNN NELSON HUGGINS, ETAL
2176.1	NICOLI G. NICHOLAS JR.
2177	ROSE LYNN NELSON HUGGINS, ETAL
2177.1	MARSTON R. NELSON
2178	BOX ELDER COUNTY UTAH

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	13151
C1	PIPE COATING TYPE 1	13151

TBD – TO BE DETERMINED

FIELD NOTES

TEST: SEE TEST FORM

RADIOGRAPH: PER EP CONSTRUCTION STANDARDS

COATING DEFINITIONS

TYPE 1 – PLANT APPLIED COATING: EXTERIOR: T4-16 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

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.