LAND																								
LINE LIST	2193			2192						2191	2190						2189				2088.1	2188		
LAND PLAT NUMBER																								
PIPELINE STATION	6860+00			6841+24						6721+31	6786+57						6755+69				6737+85	6737+75	6730+00	
HORIZONTAL DISTANCE		1875 FT			4994 FT					474 FT		3088 FT						1783 FT				785 FT		

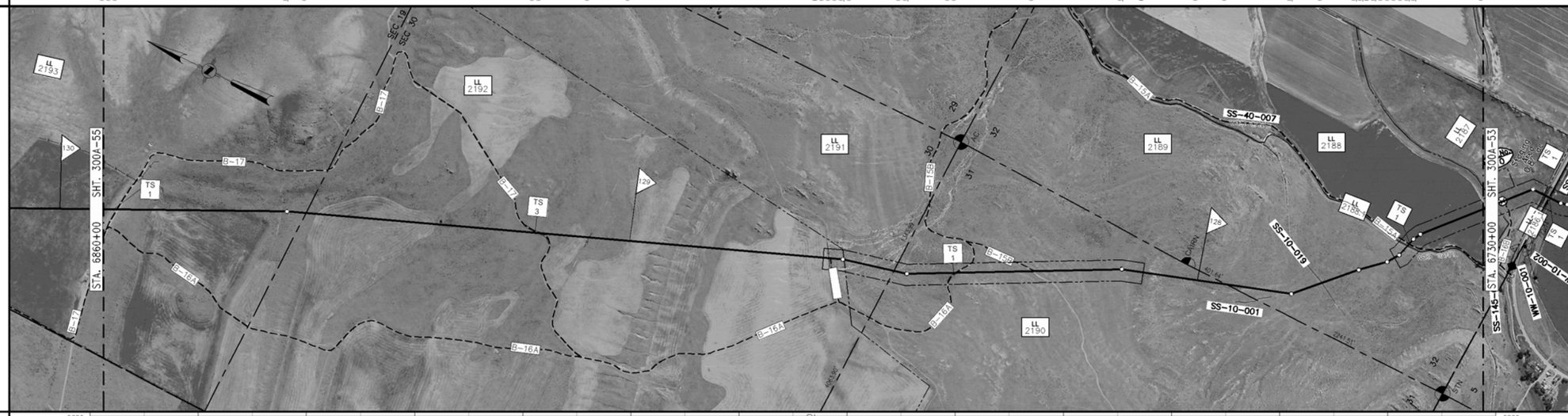
PIPELINE STATIONING

6860+00 MATCHLINE
6859+94 TEST LEAD TYPE 1
6858+74 ACCESS RD B-17
6843+00 P.I. = 4°41'13" LT
6841+24 SECTION LINE
6819+96 TEST LEAD TYPE 3
6819+48 ACCESS RD B-17
6814+96 FENCE
6811+20 MILEPOST 129
6793+25 DID 165'W/BOR 115'W TEMP WORK SPACE
6793+00 HYDROSTATIC TEST MANIFOLD
6792+94 PIPE
6792+53 ACCESS RD B-16E
6791+83 TEST LEAD TYPE 1
6791+51 PROPERTY LINE
6786+57 SECTION LINE
6785+57 P.I. = 31°31'7" RT
6781+04 TEST LEAD TYPE 1
6780+60 ACCESS RD B-16A
6773+63 ACCESS RD B-15B
6765+45 P.I. = 9°27'52" LT
6763+48 DID 115'W/BOR 165'W TEMP WORK SPACE
6758+40 MILEPOST 128
6755+69 SECTION LINE
6748+61 P.I. = 27°41'34" RT
6746+61 DRAINAGE
6744+00 P.I. = 3°01'16" LT
6741+00 P.I. = 3°01'16" RT
6739+51 DID 165'W/BOR 115'W TEMP WORK SPACE
6739+25 WEST CANAL NO. DNG
6737+85 ACCESS RD B-15A
6737+75 TEST LEAD TYPE 1
6737+60 ACCESS RD B-15A
6736+25 P.I. = 4°08'41" LT
6730+00 MATCHLINE

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.

ALIGNMENT STRIP MAP



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.

PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	196' (P2)	40' (P3)	3966' (P2)					80' (P3)	3808' (P2)					40' (P3)	677' (P2)	40' (P3)	2843' (P2)			687' (P1)	80' (P3)	733' (P1)		
PIPELINE	6860+00	6859+94	6858+54					6819+88	6819+08					6781+00	6780+60	6773+83	6773+43			6745+20	6739+13	6737+33	6730+00	
PIPESAKS	ACCESS RD B-17 SEE DWG 300Z-9							ACCESS RD B-17 SEE DWG 300Z-9						ACCESS RD B-16A SEE DWG 300Z-9		ACCESS RD B-16A SEE DWG 300Z-9					ACCESS RD B-15A & WEST CANAL SEE DWGS 300Z-9&60			
COATING CODE (SEE TABLE)	13000' (C1)																							
DESIGN FACTOR	.72	.60	.72					.60	.72					.60	.72	.60	.72			.80	.60	.80		
CLASS LOCATION	CLASS 1																							
DESIGN PRESSURE	1440																							

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

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2188	DIX B. ROBERTS, ETAL		
2188.1	BEAR RIVER CANAL COMPANY		
2189	EPH C JENSEN LAND LLC		
2190	EPH C JENSEN LAND LLC		
2191	EPH C JENSEN LAND LLC		
2192	BAR-M LAND & LIVESTOCK LLC		
2193	BAR-M LAND & LIVESTOCK LLC		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	1420
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	11300
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	280
C1	PIPE COATING TYPE 1	13000

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-60	TYPICAL CANAL 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.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 6730+00 TO STA. 6860+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: BOX ELDER	
Section: –	Township: 11N	Range: 4W	
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-54		Sheet: 54 of 277	Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Apr 14, 2010 - 11:50AM