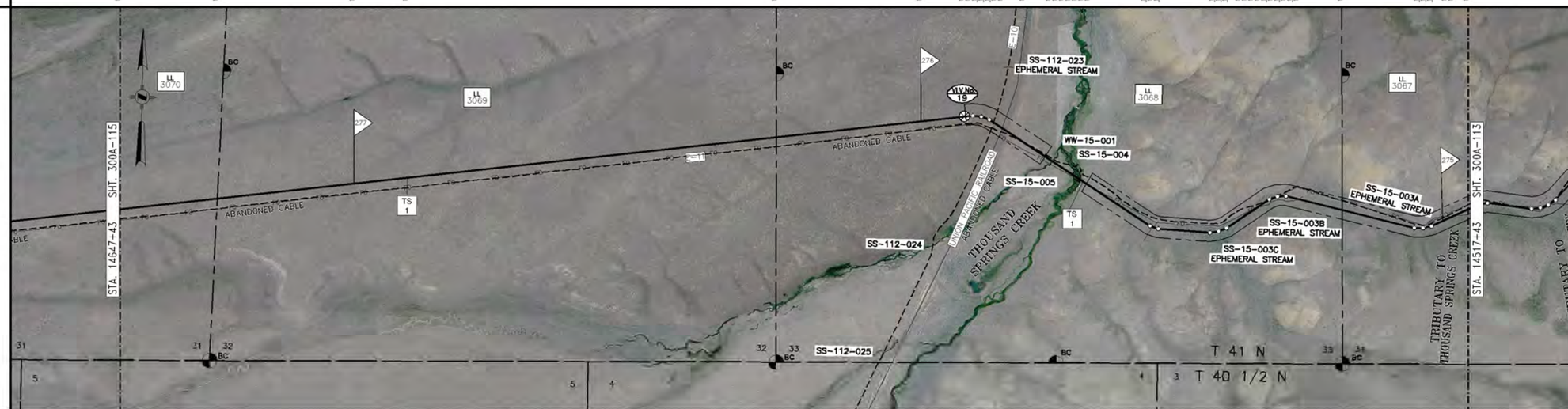
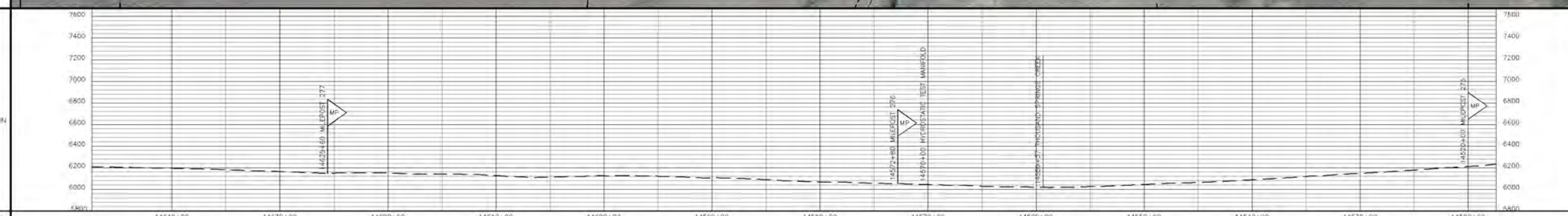
LAND	3070	3069	3068	3067
HORIZONTAL DISTANCE	910 FT	5206 FT	5665 FT	1219 FT

PIPELINE STATIONING: 14647+43 MATCHLINE; 14638+34 SECTION LINE; 14625+61 MILEPOST 277; 14620+43 TEST LEAD TYPE 1; 14586+27 SECTION LINE; 14572+91 MILEPOST 276; 14568+26 MLV 19; 14568+10 BEG VFCW/RGA 115'W TEMP WORK SPACE; 14568+47 END VFCW/RGA; 14567+98 PI-C-1117+00-LT; 14567+38 PI-C-1117+00-RT; 14564+38 PI-C-1119+00-LT; 14564+08 PI-C-1119+00-RT; 14560+91 ACCESS ROAD E-10; 14559+98 WWW PACIFIC RAILROAD; 14562+56 ACCESS ROAD E-11; 14560+10 BEG 70W/RGA 195'W TEMP WORK SPACE; 14559+70 THOUSAND SPRING CREEK; 14557+07 END WETLAND; 14556+67 THOUSAND & THOUSAND SPRING CREEK; 14554+00 TEST LEAD TYPE 3 W TMP WORK SPACE; 14553+42 ABANDONED FIBER OPTIC CABLE; 14548+55 PI-C-1414+00-RT; 14548+22 DRY ROAD; 14547+25 PI-C-1530+00-RT; 14542+95 PI-C-1740+00-RT; 14542+70 PI-C-1742+00-RT; 14541+30 PI-C-1742+00-RT; 14535+81 DRAINAGE; 14534+74 ACCESS ROAD; 14537+83 ABANDONED FIBER OPTIC CABLE; 14534+33 PI-C-1930+00-LT; 14534+03 PI-C-1930+00-RT; 14536+29 PI-C-1930+00-LT; 14536+22 ACCESS ROAD E-11; 14536+12 ABANDONED FIBER OPTIC CABLE; 14533+68 ABANDONED FIBER OPTIC CABLE; 14533+38 PI-C-1930+00-LT; 14531+84 DRAINAGE; 14529+62 SECTION LINE; 14522+76 PI-C-1130+00-RT; 14522+46 PI-C-1130+00-LT; 14521+16 PI-C-1128+00-RT; 14520+86 PI-C-1128+00-LT; 14520+01 MILEPOST 275; 14518+99 DRAINAGE; 14517+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	7833' (P2)	63' (SF) MLV 19 SEE DWG 300A-114A	697' (P2)	320' (P3) THOUSAND SPRINGS CREEK	5867' (P3)	
PIPELINE	14647+43	14568+10 / 14568+47	14559+70	14559+50 / 14556+70	14517+43	
PIPESAKS		(V12)		338' (28) (P5) 14559+59 / 14556+71		
COATING CODE (SEE TABLE)	7833' (C1)	63' (C5)			5104' (C1)	
DESIGN FACTOR	.72	.50	.72	.60	.72	
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 11, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/10/10	LEL	IMPLEMENTATION FILING	122659	JJJ/LC
B	7/10/09	LEL	ISSUE FOR FERC FILING	122659	JJJ
A	1/26/09	DLM	ISSUE FOR FERC FILING	122659	JJJ

REVISIONS

RUBY PIPELINE LLC

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3067	BLM		
3068	WALKER-WINECUP GAMBLE INC		
3069	BLM		
3070	WALKER-WINECUP GAMBLE INC		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12617
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	320
SF	SHOP FAB	63
V19	MAIN LINE VALVE 19	1
C1	PIPE COATING TYPE 1	12937
C5	PIPE COATING TYPE 5	63
P5	PIPESAK	28

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 ARD

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-11	TYPICAL OPEN CUT ROAD CROSSING
300Z-12	TYPICAL BORED ROAD CROSSING
300A-114A	PLAN/DETAILS – MLV-19

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"

STA. 14517+43 TO STA. 14647+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 41N	Range: 63E	
Drafter: DLM	Date: 01/23/09	Project ID: 122659	Type: CIVIL 3D
Chk'd: G	Date: 01/23/09	Scale: 1" = 500'	
Appr: JJJ	Date: 01/23/09	Filename: 0300-A-096.DWG	

300A-114 | Sheet: 115of277 | Rev: C

ISSUE FOR BID 06/14/2010

Jun 14, 2010 - 9:57AM