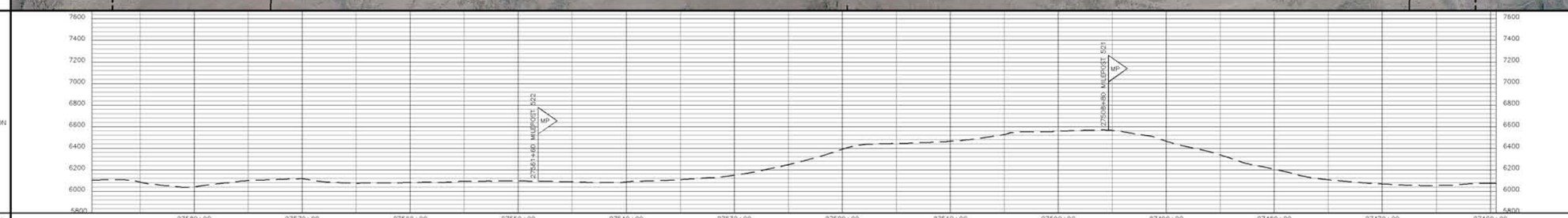
LAND				
LINE LIST	3436	3435	3434	3433
LAND PLAT NUMBER				
PIPELINE STATION	27602+93 — 27587+79	27587+79 — 27534+06	27534+06 — 27478+57	27478+57 — 27472+93
HORIZONTAL DISTANCE	1511 FT	5373 FT	5548 FT	564 FT

PIPELINE STATIONING

27602+93 MATCHLINE
27600+97 P.I. < 6°16'04" RT.
27587+79 RANGE LINE
27586+00 P.I. < 16°21'04" RT.
27583+06 P.I. < 33°11'14" LT.
27578+31 P.I. < 43°07'42" RT.
27561+60 MILEPOST 522
27559+19 TEST LEAD TYPE 1
27543+63 P.I. < 22°26'06" RT.
27534+06 SECTION LINE
27526+12 P.I. < 0°57'43" LT.
27512+70 P.I. < 19°33'58" LT.
27508+53 P.I. < 17°30'06" LT.
27506+60 MILEPOST 521
27484+56 P.I. < 17°30'06" RT.
27483+75 P.I. < 17°30'06" RT.
27480+17 TEST LEAD TYPE 1
27479+94 DIRT ROAD
27478+57 SECTION LINE
27472+93 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	4403' (P1)	7600' (P2)	707' (P1)
PIPELINE	27602+93 — 27587+79	27587+79 — 27480+17	27480+17 — 27472+93
PIPESAKS			
COATING CODE (SEE TABLE)	13000' (C1)		
DESIGN FACTOR	.80	.72	.80
CLASS LOCATION	CLASS I		
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
3433	BLM		
3434	BLM		
3435	BLM		
3436	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	5200
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	7600
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-13	TYPICAL OPEN CUT ROAD CROSSING
300Z-14	TYPICAL BORED 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.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 27472+93 TO STA. 27602+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 42N	Range: 25E/26E	
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-196.DWG	
300A-214		Sheet: 215of273	Rev. C

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 - 11:49AM