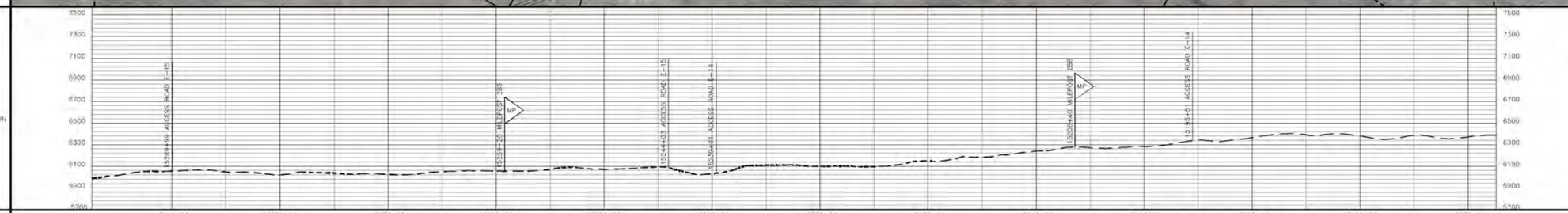
LAND	
LINE LIST	
LAND PLAT NUMBER	3086 · 3085 · 3084 · 3083 · 3082
PIPELINE STATION	15297+43 · 15288+49 · 15247+69 · 15186+73 · 15183+83 · 15167+43
HORIZONTAL DISTANCE	895 FT · 4079 FT · 6097 FT · 290 FT · 1640 FT

PIPELINE STATIONING

15297+43 MATCHLINE
15292+30 PI ∠ 110°46'42" RT
15292+01 END 195'W/BOA 195'W TEMP WORK SPACE
15289+99 ACCESS ROAD E-15
15288+49 SECTION LINE
15288+32 ACCESS ROAD E-15
15285+65 ACCESS ROAD E-15
15281+92 END 195'W/BOA 115'W TEMP WORK SPACE
15271+74 END 115'W/BOA 195'W TEMP WORK SPACE
15259+21 MILEPOST 289
15247+69 SECTION LINE
15247+60 END 195'W/BOA 115'W TEMP WORK SPACE
15244+03 ACCESS ROAD E-15
15241+25 DRAINAGE
15239+91 TEST LEAD TYPE 1
15239+61 ACCESS ROAD E-14
15225+73 ACCESS ROAD E-14
15223+74 ACCESS ROAD E-14
15206+56 END OF ABANDONED FIBER OPTIC CABLE
15205+41 MILEPOST 288
15205+35 PI ∠ 46°29'-LT
15203+76 TEST LEAD TYPE 4 & O/H POWER
15203+21 O/H POWER
15202+45 O/H POWER
15202+26 END 115'W/BOA 195'W TEMP WORK SPACE
15199+40 PARALLEL POWERLINE
15195+51 ACCESS ROAD E-14
15193+18 DIRT ROAD
15189+58 END 195'W/BOA 115'W TEMP WORK SPACE
15186+73 SECTION LINE
15183+83 SECTION LINE
15167+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	704' (P3) · 80' (P3) · 4517' (P2) · 80' (P3) · 361' (P2) · 80' (P3) · 4330' (P2) · 80' (P3) · 2760' (P2)
PIPELINE	15287+43 · 15290+39 · 15289+59 · 15244+42 · 15243+62 · 15240+01 · 15239+21 · 15195+91 · 15195+11 · 15167+43
PIPESAKS	ACCESS RD E-15 SEE DWG 300Z-11 · ACCESS RD E-14 SEE DWG 300Z-11 · ACCESS RD E-14 SEE DWG 300Z-11
COATING CODE (SEE TABLE)	13800' (C1)
DESIGN FACTOR	.72 · .60 · .72 · .60 · .72 · .60 · .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/LG
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
3082	WILLIAM MAX SPRATLING LIVING TRUST
3083	WILLIAM MAX SPRATLING LIVING TRUST
3084	WILLIAM MAX SPRATLING LIVING TRUST
3085	WILLIAM MAX SPRATLING LIVING TRUST
3086	WILLIAM MAX SPRATLING LIVING TRUST

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12660
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	320
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-11	TYPICAL OPEN CUT ROAD CROSSING
300Z-12	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 EDGEPTHE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 15167+43 TO STA. 15297+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 40N	Range: 61E	
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-116.DWG	

300A-119.1

Sheet: 120of277 Rev: C

IMPLEMENTATION PLAN 05/24/2010

Jan 14, 2010 – 15:12AM