LAND

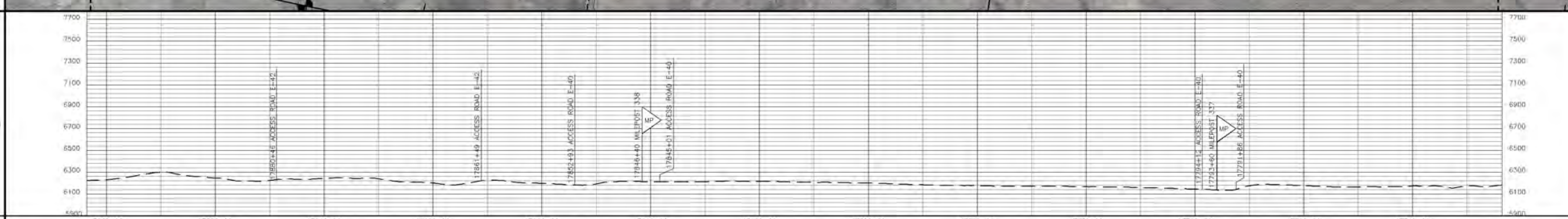
LINE LIST			
LAND PLAT NUMBER	3152	3151	3150
PIPELINE STATION	17897+43 – 17861+66	17861+66 – 17811+13	17811+13 – 17767+43
HORIZONTAL DISTANCE	3575 FT	5053 FT	4370 FT

PIPELINE STATIONING

17897+43 MATCHLINE
17891+57 O/H POWER
17883+38 DIRT ROAD
17880+61 END 115'W/BGN 195'W TEMP WORK SPACE
17880+46 ACCESS ROAD E-42
17863+79 DRAINAGE
17861+66 RANGE LINE
17861+49 ACCESS ROAD E-42
17860+08 P.I. < 1°06'52" LT.
17854+14 END 195'W/BGN 115'W TEMP WORK SPACE
17852+93 ACCESS ROAD E-40
17846+40 MILEPOST 338
17845+90 PARALLEL POWERLINE
17845+36 END 115'W/BGN 195'W TEMP WORK SPACE
17845+23 TEST LEAD TYPE 4
17845+01 ACCESS ROAD E-40
17838+45 P.I. < 11°26'01" LT.
17811+13 SECTION LINE
17794+12 ACCESS ROAD E-40
17793+60 MILEPOST 337
17792+88 END 195'W/BGN 115'W TEMP WORK SPACE
17792+81 DRAINAGE
17792+13 TEST LEAD TYPE 4
17792+03 TEST LEAD TYPE 3
17791+86 ACCESS ROAD E-40
17788+92 END 115'W/BGN 195'W TEMP WORK SPACE
17782+86 DIRT ROAD
17774+22 END 195'W/BGN 115'W TEMP WORK SPACE
17767+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE): 43' (P4); 80' (P2); 1242' (P1); 80' (P3); 212' (P1); 80' (P3) ACCESS RD E-42 SEE DWG 300Z-11; 1817' (P1); 80' (P3) ACCESS RD E-42 SEE DWG 300Z-11; 776' (P1); 80' (P3) ACCESS RD E-40 SEE DWG 300Z-12; 712' (P1); 80' (P3) ACCESS RD E-40 SEE DWG 300Z-12; 5009' (P1); 80' (P3) ACCESS RD E-40 SEE DWG 300Z-11; 146' (P1); 80' (P3) ACCESS RD E-40 SEE DWG 300Z-11; 2403' (P1)

PIPELINE: 17897+43; 17892+00; 17895+20; 17883+78; 17882+98; 17880+86; 17880+06; 17861+89; 17861+09; 17853+33; 17852+53; 17845+41; 17844+61; 17794+52; 17793+72; 17792+26; 17791+46; 17767+43

PIPESAKS: 17891+00; 17882+00

COATING CODE (SEE TABLE): 643' (C1); 400' (C2); 3367' (C1); 80' (C2); 711' (C1); 80' (C2); 7719' (C1)

DESIGN FACTOR: .50; .72; .80; .60; .80; .60; .80; .60; .80; .60; .80; .60; .80; .60; .80; .60; .80

CLASS LOCATION: CLASS 1

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3150	BLM		
3151	BLM		
3152	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12317
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	80
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	560
P4	PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70	43
C1	PIPE COATING TYPE 1	12440
C2	PIPE COATING TYPE 2	560

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 EDGE.

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

REVISIONS

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

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 17767+43 TO STA. 17897+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 39N	Range: 53E/54E	
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-136.DWG	
300A-139		Sheet: 140of277	Rev. C

Jun 14, 2010 – 10:33AM

IMPLEMENTATION PLAN 05/24/2010