LAND			
LINE LIST	3150	3149	3148	3147
LAND PLAT NUMBER				
PIPELINE STATION	17767+43 — 17758+63	17758+63 — 17702+57	17702+57 — 17649+91	17649+91 — 17637+43
HORIZONTAL DISTANCE	880 FT	5606 FT	5266 FT	1249 FT

PIPELINE STATIONING

17767+43 MATCHLINE
17762+32 END 115'W/ROW 195'W TEMP WORK SPACE
17758+63 SECTION LINE
17751+34 END 195'W/ROW 115'W TEMP WORK SPACE
17750+28 TEST LEAD TYPE 4
17750+08 ACCESS ROAD E-41
17743+36 DRAINAGE
17741+85 P.I. = 1+40.24° RT.
17740+80 MILEPOST 336
17727+79 END 115'W/ROW 195'W TEMP WORK SPACE
17720+21 P.I. = 13+24.42° RT.
17719+14 P.I. = 2+32.00° RT.
17718+69 DIRT ROAD
17717+41 P.I. = 1+15.00° RT.
17715+07 END 195'W/ROW 115'W TEMP WORK SPACE
17711+18 P.I. = 16+56.45° LT.
17710+36 P.I. = 1+13.50° LT.
17709+56 P.I. = 1+13.50° LT.
17708+09 END 115'W/ROW 195'W TEMP WORK SPACE
17702+57 SECTION LINE
17686+24 TEST LEAD TYPE 4
17685+44 DIRT ROAD
17680+00 MILEPOST 335
17681+86 P.I. = 6+10.04° RT.
17649+91 SECTION LINE
17644+86 STAGING AREA
17642+90 ACCESS ROAD E-40
17642+86 STAGING AREA
17639+97 TEST LEAD TYPE 4
17639+47 DIRT ROAD
17638+69 ACCESS ROAD E-40
17637+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	843' (P1)	820' (P3)	80' (P3) ACCESS RD E-40 SEE DWG 300Z-11	80' (P3)	2400' (P2)	691' (P1)	80' (P3)	2795' (P1)	80' (P3)	454' (P1)	4170' (P2)	80' (P3) ACCESS RD E-40 SEE DWG 300Z-11	341' (P2)	80' (P3) ACCESS RD E-40 SEE DWG 300Z-11	80' (P3)
PIPELINE	17767+43	17759+01	17758+63	17756+81	17756+81	17716+50	17714+73	17712+73	17709+34	17708+54	17685+01	17646+91	17642+50	17639+20	17638+90	17637+43
PIPESAKS																
COATING CODE (SEE TABLE)	13000' (C1)															
DESIGN FACTOR	.80	.72	.60	.72		.80	.60	.80	.60	.80	.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/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
3147	VAN NORMAN RANCHES, INC
3148	BLM
3149	BLM
3150	BLM

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	4733
P2	PIPE,42.00 OD X 0.680 IN WT, DSAW,API 5L GR X-70	7817
P3	PIPE,42.00 OD X 0.731 IN WT, DSAW,API 5L GR X-70	408
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 EDGE.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 17637+43 TO STA. 17767+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 39N	Range: 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-138		Sheet: 138of277	Rev: C

Jan 14, 2010 – 15:32AM

IMPLEMENTATION PLAN 05/24/2010