LAND

LINE LIST							
LAND PLAT NUMBER	3331	3330	3329	3328	3327	3326	3325
PIPELINE STATION	23442+93 – 23414+73	23414+73 – 23386+16	23386+16 – 23336+48	23336+48 – 23329+81	23329+81 – 23327+11	23327+11 – 23316+44	23316+44 – 23312+93
HORIZONTAL DISTANCE	2819 FT	2858 FT	4969 FT	665 FT	272 FT	1067 FT	355 FT

PIPELINE STATIONING

23442+93 MATCHLINE
23434+61 P.I. < 2°52'31" RT.
23423+17 DRAINAGE
23417+56 TEST LEAD TYPE 1
23417+26 DIRT ROAD
23416+27 DIRT ROAD
23415+56 DIRT ROAD
23414+73 PROPERTY LINE
23404+27 DRAINAGE
23390+40 MILEPOST 443
23386+15 TOWNSHIP LINE
23376+77 TEST LEAD TYPE 1
23366+80 DRAINAGE
23362+35 END 115'W/BGN 195'W TEMP WORK SPACE
23342+51 P.I. < 13°39'11" LT.
23337+60 MILEPOST 442
23336+48 PROPERTY LINE
23329+83 SECTION LINE
23329+63 ACCESS ROAD H-24A
23327+65 FENCE
23327+11 SECTION LINE
23323+86 DRAINAGE
23316+45 TEST LEAD TYPE 3
23316+44 PROPERTY LINE
23316+43 FENCE
23312+93 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	893' (P2)	4900' (P1)	5497' (P1)	80' (P3)	1630' (P2)
PIPELINE	23442+93 – 23434+00	23434+00 – 23385+00	23385+00 – 23330+03	23330+03 – 23329+23 ACCESS RD H-24A SEE DWG 300Z-13	23329+23 – 23312+93
PIPESAKS					
COATING CODE (SEE TABLE)	13000' (C1)				
DESIGN FACTOR	.72	.80	.72	.60	.72
CLASS LOCATION	CLASS 1				
DESIGN PRESSURE	1440				

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3325	BLM		
3326	ELIZABETH B. NIELSEN		
3327	NFC LAND & CATTLE LLC		
3328	HUMBOLDT COUNTY		
3329	BLM		
3330	NFC LAND & CATTLE INC		
3331	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	4900
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	8020
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
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.

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. 23312+93 TO STA. 23442+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 39N/40N	Range: 38E	
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-176.DWG	
300A-182		Sheet: 183of277	Rev. C

Jun 14, 2010 – 10:47AM

IMPLEMENTATION PLAN 05/24/2010