LAND

LINE LIST					
LAND PLAT NUMBER	3359	3358	3357	3356	
PIPELINE STATION	24352+93	24335+89	24283+20	24230+39	24222+93
HORIZONTAL DISTANCE	1704 FT	5269 FT	5280 FT	747 FT	

PIPELINE STATIONING

- 24352+93 MATCHLINE
- 24340+80 MILEPOST 461
- 24335+89 RANGE LINE
- 24302+79 END 195'W/BGN 115'W TEMP WORK SPACE
- 24301+06 TEST LEAD TYPE 1
- 24300+91 ACCESS ROAD H-29
- 24299+16 END 115'W/BGN 195'W TEMP WORK SPACE
- 24288+00 MILEPOST 460
- 24283+20 SECTION LINE
- 24244+23 OLD WINNEMUCCA DENIO ROAD
- 24242+60 TEST LEAD TYPE 1
- 24238+07 P.I. < 74°20'7" LT.
- 24235+20 MILEPOST 459
- 24230+39 SECTION LINE
- 24222+93 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

ELEVATION: 5700, 5500, 5300, 5100, 4900, 4700, 4500, 4300, 4100, 3900

- 24340+80 MILEPOST 461 (MP)
- 24300+91 ACCESS ROAD H-29
- 24288+00 MILEPOST 460 (MP)
- 24244+23 OLD WINNEMUCCA DENIO ROAD
- 24235+20 MILEPOST 459 (MP)

STATION: 24330+00, 24320+00, 24310+00, 24300+00, 24290+00, 24280+00, 24270+00, 24260+00, 24250+00, 24240+00, 24230+00, 24220+00, 24210+00

MATERIAL

- PIPE CODE (SEE TABLE): 5162' (P1); 80' (P3) ACCESS RD H-29 SEE DWG 300Z-13; 5548' (P1); 160' (P3) WINNEMUCCA DENIO ROAD SEE DWG 300Z-13; 2050' (P1)
- PIPELINE: 24352+93; 24301+31; 24300+51; 24245+03; 24243+43; 24222+93
- PIPESAKS
- COATING CODE (SEE TABLE): 13000' (C1)
- DESIGN FACTOR: .80; .60; .80; .60; .80
- CLASS LOCATION: CLASS 1
- DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3356	BLM		
3357	BLM		
3358	BLM		
3359	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12760
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	240
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

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

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 24222+93 TO STA. 24352+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 41N	Range: 35E/36E	
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-189		Sheet: 190of277	Rev. C

Jun 14, 2010 – 10:53AM

IMPLEMENTATION PLAN 05/24/2010