LAND

	3123	3122	3121
HORIZONTAL DISTANCE	4510 FT	5783 FT	2707 FT

16727+43 — 16682+33 — 16624+50 — 16597+43

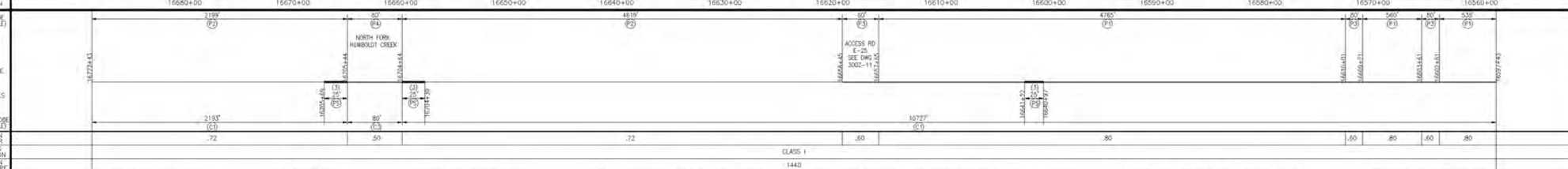
PIPELINE STATIONING

16727+43 MATCHLINE
16726+97 P.I. ∠ 4°53'04" RT.
16716+69 P.I. ∠ 18°40'28" LT.
16709+61 DRAINAGE
16708+95 DRAINAGE
16706+50 END 75'W/BOA 195'W TEMP WORK SPACE
16705+46 TEST LOAD TYPE 1
16705+44 NORTH FORK HUMBOLDT
16705+04 BORE PLAN, HUMBOLDT
16704+49 BOA WETLAND
16703+98 BEGIN 75'W/BOA 195'W TEMP WORK SPACE
16703+98 END 195'W/BOA 75'W TEMP WORK SPACE
16684+80 MILEPOST 316
16682+33 SECTION LINE
16670+54 STAGING AREA
16669+00 HYDROSTATIC TEST MANIFOLD
16668+54 STAGING AREA
16667+87 DRAINAGE
16662+26 P.I. ∠ 13°05'13" LT.
16662+05 END 115'W/BOA 195'W TEMP WORK SPACE
16661+46 P.I. ∠ 11°00'00" LT.
16658+05 ACCESS ROAD E-28
16653+00 DRAINAGE
16651+58 TEST LOAD TYPE 3
16651+49 BOA ROAD
16645+71 DRAINAGE
16642+05 DRAINAGE
16641+62 INDIAN CREEK
16636+89 END 75'W/BOA 115'W TEMP WORK SPACE & TRIBUTARY TO INDIAN CREEK
16634+89 END 115'W/BOA 75'W TEMP WORK SPACE
16633+18 P.I. ∠ 25°00'00" LT.
16632+70 P.I. ∠ 11°00'00" LT.
16630+10 P.I. ∠ 25°00'00" LT.
16630+40 DIRT ROAD
16624+50 SECTION LINE
16619+42 END 195'W/BOA 115'W TEMP WORK SPACE
16618+42 END 115'W/BOA 195'W TEMP WORK SPACE
16615+52 DRAINAGE
16609+02 DIRT ROAD
16603+21 DIRT ROAD
16597+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

MATERIAL



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
3121	BLM		
3122	BLM		
3123	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	5862
P2	PIPE,42.00 OD X 0.680 IN WT, DSAW,API 5L GR X-70	6818
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	248
P4	PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70	80
C1	PIPE COATING TYPE 1	12809
C3	PIPE COATING TYPE 3	80
P5	PIPESAK	9

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 3" 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 EDGEEPHTHE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 16597+43 TO STA. 16727+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 39N	Range: 57E	
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-130		Sheet: 31of27	Rev: C

Jan 14, 2010 – 12:25AM

IMPLEMENTATION PLAN 05/24/2010