LAND																	
LINE LIST					3323			3322	3321	3320	3319	3318		3317			
LAND PLAT NUMBER																	
PIPELINE STATION	23182+93						23145+90		23137+45	23130+97	23123+90	23116+83		23103+28		23097+43	
HORIZONTAL DISTANCE					3873 FT			647 FT	647 FT	648 FT	647 FT	1294 FT		585 FT			

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.

PIPELINE STATIONING

23182+93 MATCHLINE
23179+20 MILEPOST 439
23172+14 END 195'W/BOA 115'W TEMP WORK SPACE
23172+07 BEG 195'W/BOA 115'W
23171+49 STAGING AREA
23170+37 ACCESS ROAD H-22
23169+50 HYDROSTATIC TEST MANIFOLD
23167+49 STAGING AREA
23167+40 TEST LEAD TYPE 1
23165+56 US HWY 95
23164+74 STAGING AREA
23163+78 DIRT ROAD
23159+43 END 115'W/BOA 195'W TEMP WORK SPACE
23159+14 STAGING AREA
23144+40 TEST LEAD TYPE 1
23144+20 SECTION LINE
23143+99 WESTERN HORIZON ROAD
23143+90 PROPERTY LINE
23137+45 PROPERTY LINE
23130+97 PROPERTY LINE
23130+73 SAGEBRUSH ROAD
23130+13 PROPERTY LINE
23126+40 MILEPOST 438
23123+90 PROPERTY LINE
23117+43 PROPERTY LINE
23117+05 FREMONT STREET
23116+83 PROPERTY LINE
23107+00 DRAINAGE
23103+88 PROPERTY LINE
23103+28 PAIUTE TRAIL ROAD
23103+28 PROPERTY LINE
23097+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

MATERIAL

PIPE CODE (SEE TABLE)		1216' (P3)	80' (P3)	321' (P2)	248' (P44)	380' (P2)	1611' (P1)	80' (P3)	1246' (P1)	80' (P3)	1287' (P1)	80' (P3)	1259' (P1)	80' (P3)	584' (P1)		
PIPELINE	23182+93		23176+72 ACCESS RD. H-22 SEE DWG 3002-13	23169+97	23166+75 US HWY 95 SEE DWG 3002-14	23164+36	23158+97	23144+39 WEST. HORIZ. ROAD SEE DWG 3002-13	23143+59	23133+13 SAGE BRUSH ROAD SEE DWG 3002-13	23130+33	23117+48 FREMONT STREET SEE DWG 3002-13	23116+68	23104+87 PAIUTE TRAIL ROAD SEE DWG 3002-13	23103+27	23097+43	
PIPESIAKS																	
COATING CODE (SEE TABLE)		1216' (C1)	80' (C2)	321' (C1)	248' (C2)		6893' (C1)										
DESIGN FACTOR		.72	.60	.72	.50	.72	.80	.60	.80	.60	.80	.60	.80	.60	.80		
CLASS LOCATION		CLASS 1															
DESIGN PRESSURE		1440															

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
3317	FELD FAMILY TRUST
3318	MELVIN A. & CATHERINE B. PRYOR
3319	CATHERINE A. ROBERTS
3320	JOHN G. & DONNA M. VINEIS
3321	BENJAMIN I. & CONCEPTION P. SOLOMAN
3322	JAMES M. & BONNIE J. POINTER
3323	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	5867
P2	PIPE,42.00 OD X 0.680 IN WT, DSAW,API 5L GR X-70	1923
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	400
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	248
C1	PIPE COATING TYPE 1	8239
C2	PIPE COATING TYPE 2	329

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

PIPESIAK – 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
3002-13	TYPICAL OPEN CUT ROAD CROSSING
3002-14	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.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 23097+43 TO STA. 23182+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: HUMBOLDT CO	
Section: –	Township: 39N	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-180		Sheet: 181of277	Rev: C

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 10:43AM