LAND				
LINE LIST	3008	3007	3006	3005
PIPELINE STATION	12437+43	12431+77	12376+45	12320+77	12307+43
HORIZONTAL DISTANCE	586 FT	5632 FT	5468 FT	1334 FT

GENERAL NOTES

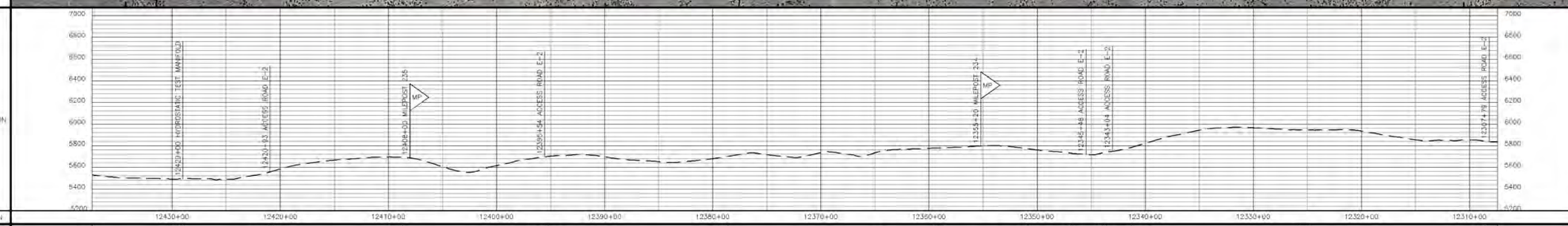
1. THIS PIPELINE WILL BE INSTALLED UNDER TITLE 49 PART 192 CFR.
2. EL PASO COATING SPECIFICATION:
   - A. PRODUCTION GIRTH WELDS – UC 235
   - B. TIE-INS AND SHORT SECTIONS OF PIPE – UC 271
   - C. ARO FIELD JOINTS – USE POWERCRETE-J PER SPEC UC 271
   - D. ABOVE GROUND PIPING, VESSELS AND STRUCTURES – 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

12437+43 MATCHLINE
12435+23 DIRT ROAD
12431+77 SECTION LINE
12429+99 STAGING AREA
12429+00 HYDROSTATIC TEST MANIFOLD
12427+99 STAGING AREA
12426+16 DIRT ROAD
12425+95 TRIBUTARY TO THOUSAND SPRINGS CREEK
12420+93 ACCESS ROAD E-2
12409+78 P.I.< 9°26'36" LT
12409+78 ACCESS ROAD E-2
12409+00 MILEPOST 235
12407+57 TEST LEAD TYPE 1
12407+57 ACCESS ROAD E-2
12402+93 DIRT ROAD
12402+93 TRIBUTARY TO THOUSAND SPRINGS CREEK
12401+00 ABANDONED FIBER OPTIC CABLE
12396+09 ABANDONED FIBER OPTIC CABLE
12395+54 ACCESS ROAD E-2
12395+54 P.I.< 14°00'00" RT
12393+41 P.I.< 14°00'00" RT
12393+41 P.I.< 14°00'00" RT
12376+49 ACCESS ROAD E-2
12376+49 ACCESS ROAD E-2
12375+45 SECTION LINE
12372+20 TRIBUTARY TO THOUSAND SPRINGS CREEK
12355+60 TEST LEAD TYPE 1
12355+20 MILEPOST 234
12352+49 ACCESS ROAD E-2
12347+65 ACCESS ROAD E-2
12345+48 ACCESS ROAD E-2
12344+74 TRIBUTARY TO THOUSAND SPRINGS CREEK
12343+04 ACCESS ROAD E-2
12333+75 DIRT ROAD
12332+30 P.I.< 18°42'00" RT
12331+50 P.I.< 18°42'00" RT
12329+77 RANGE LINE
12321+29 ACCESS ROAD E-2
12317+29 P.I.< 9°26'36" RT
12317+29 ACCESS ROAD E-2
12307+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	1610' (P3)	60' (P3) ACCESS RD E-2 SEE DWG 3002-11	2409' (P3)	60' (P3) ACCESS RD E-2 SEE DWG 3002-11	3011' (P3)	1076' (P1)	839' (P3)	60' (P3) ACCESS RD E-2 SEE DWG 3002-11	164' (P3)	60' (P3) ACCESS RD E-2 SEE DWG 3002-11	3445' (P3)	60' (P3) ACCESS RD E-2 SEE DWG 3002-11
PIPELINE	12432+53	12431+53	12429+93	12395+54	12395+14	12385+03	12364+27	12355+60	12355+28	12353+64	12349+64	12309+10	12307+43
PIPESAKS													
COATING CODE (SEE TABLE)	13000' (C1)												
DESIGN FACTOR	.72	.60	.72	.60	.72	.80	.72	.60	.72	.60	.72	.60
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	PRJ. 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	LL NO.	OWNERSHIP
3005	WALKER-WINECUP GAMBLE INC		
3006	BLM		
3007	WALKER-WINECUP GAMBLE INC		
3008	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	1076
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	11528
P3	PIPE,42.00 OD X 0.731 IN WT, DSAW,API 5L GR X-70	396
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. 12307+43 TO STA. 12437+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Cty./Parr.: ELKO CO	
Section: –	Township: 41N	Range: 69E/70E	
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-096.DWG	

300A-97

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