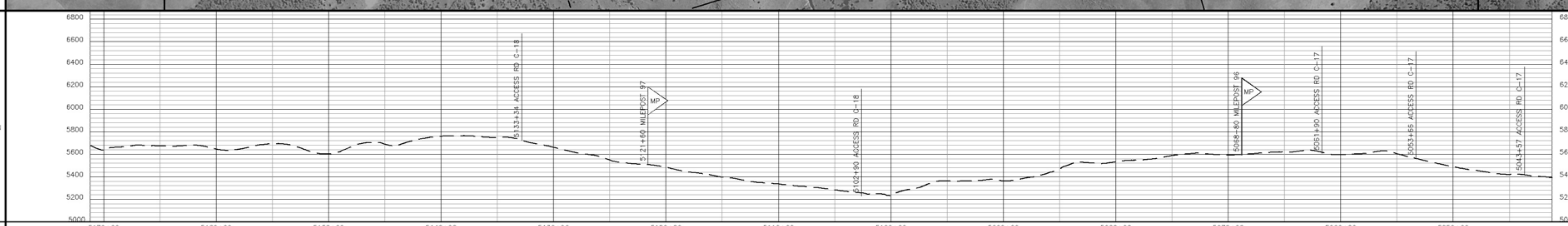
LAND	
LINE LIST	2100 / 2099 / 2097
LAND PLAT NUMBER	
PIPELINE STATION	5170+00 / 5135+85 / 5074+36 / 5040+00
HORIZONTAL DISTANCE	3415 FT / 6150 FT / 3435 FT

PIPELINE STATIONING

5170+00 MATCHLINE
5169+55 END 115'W/BGN 195'W TEMP WORK SPACE
5169+20 TEST LEAD TYPE 1
5169+01 DRAINAGE
5168+17 END 195'W/BGN 115'W TEMP WORK SPACE
5165+83 P.I. < 84°28'38" LT.
5153+68 P.I. < 15°17'40" LT.
5139+22 P.I. < 11°52'32" LT.
5135+85 SECTION LINE
5134+31 P.I. < 14°42'05" RT.
5133+64 TEST LEAD TYPE 1
5133+34 ACCESS RD C-18
5132+75 P.I. < 14°43'19" RT.
5130+77 P.I. < 17°05'06" LT.
5130+31 END 115'W/BGN 195'W TEMP WORK SPACE
5129+21 P.I. < 20°16'46" LT.
5126+81 P.I. < 21°45'40" RT.
5121+60 MILEPOST 97
5106+28 END 195'W/BGN 115'W TEMP WORK SPACE
5104+99 P.I. < 11°42'51" RT.
5103+75 FENCE
5103+29 TEST LEAD TYPE 1
5102+90 ACCESS RD C-18
5099+50 END 75'W/BGN 195'W TEMP WORK SPACE
5100+23 P.I. < 15°35'12" LT.
5099+00 END WETLANDS
5098+98 SPRING BRANCH, NO DWG
5098+94 BGN WETLANDS
5098+44 END 195'W/BGN 75'W TEMP WORK SPACE
5093+82 P.I. < 14°54'02" RT.
5092+28 P.I. < 14°38'59" RT.
5084+70 END 115'W/BGN 195'W TEMP WORK SPACE
5082+30 P.I. < 10°23'56" LT.
5080+92 P.I. < 17°37'19" RT.
5075+37 DRAINAGE
5075+29 P.I. < 18°17'42" RT.
5074+36 SECTION LINE
5073+45 P.I. < 20°40'10" LT.
5071+48 P.I. < 23°58'21" RT.
5069+98 P.I. < 19°02'25" RT.
5068+80 MILEPOST 96
5062+42 P.I. < 18°17'57" LT.
5061+90 ACCESS RD C-17
5060+90 P.I. < 18°15'12" LT.
5054+97 P.I. < 7°03'01" RT.
5053+96 TEST LEAD TYPE 1
5053+66 ACCESS RD C-17
5052+26 P.I. < 20°27'03" LT.
5050+76 P.I. < 20°24'11" LT.
5047+73 P.I. < 16°14'44" LT.
5043+57 ACCESS RD C-17
5043+32 P.I. < 17°04'03" RT.
5042+51 P.I. < 13°55'26" RT.
5041+21 P.I. < 5°01'40" RT.
5040+01 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	3646' (P2)	40' (P3)	3004' (P2)	40' (P3)	740' (P1)	3320' (P2)	40' (P3)	783' (P2)	40' (P3)	970' (P2)	40' (P3)	337' (P2)	
PIPELINE	5170+00	ACCESS RD C-18 SEE DWG 300Z-7 (5133+54 – 5133+14)		ACCESS RD C-18 SEE DWG 300Z-7 (5103+10 – 5102+70)	5095+30		ACCESS RD C-17 SEE DWG 300Z-7 (5062+10 – 5061+70)		ACCESS RD C-17 SEE DWG 300Z-7 (5053+87 – 5053+47)		ACCESS RD C-17 SEE DWG 300Z-7 (5043+77 – 5043+37)		5040+00
PIPESAKS													
COATING CODE (SEE TABLE)	13000' (C1)												
DESIGN FACTOR	.72	.60	.72	.60	.80	.72	.60	.72	.60	.72	.60	.72	
CLASS LOCATION	CLASS I												
DESIGN PRESSURE	1440												

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
2097	MARJEAN SUMMERS INTER VIVOS TRUST		
2099	SUMMERS RANCH, LLC		
2100	NOEL J. BESS & MILDRED H. BESS FAMILY TRUST		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	740'
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12060'
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	200
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–7	TYPICAL OPEN CUT ROAD CROSSING
300Z–8	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 12, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128575	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128575	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128575	JJJ

REVISIONS

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A–42 INCH

STA. 5040+00 TO STA. 5170+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: CACHE	
Section: –	Township: 9N	Range: 1E	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CML 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300–A–0041	
300A–41		Sheet: 41 of 277	Rev. 0

IMPLEMENTATION PLAN 05/24/2010

Jun 14, 2010 – 11:43AM