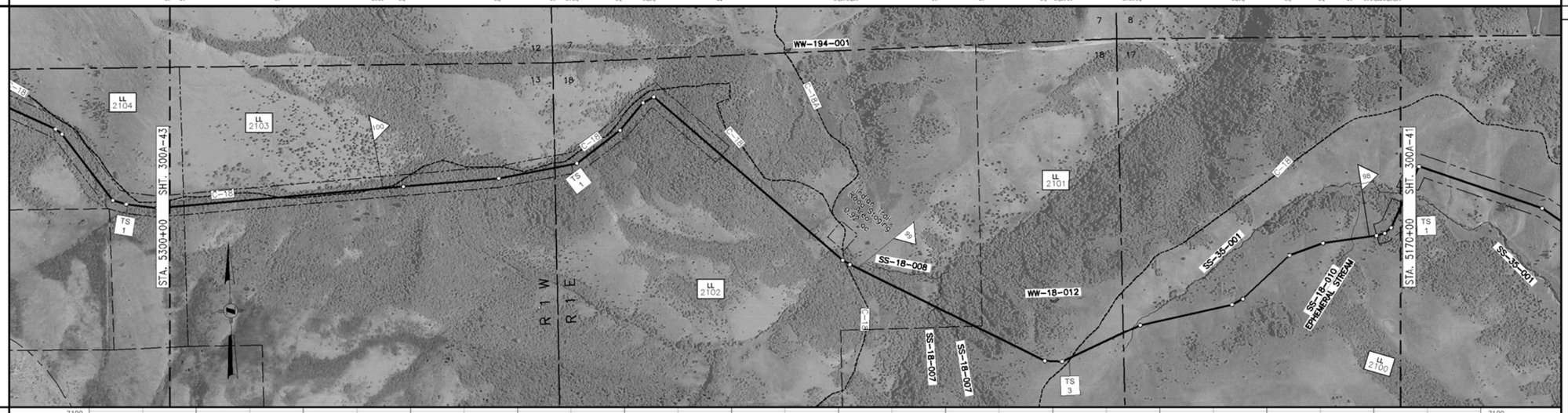
LAND	2104	2103	2102	2101	2100
LINE LIST					
LAND PLAT NUMBER					
PIPELINE STATION	5300+00	5208+70	5263+80	5214+98	5199+76	5170+00
HORIZONTAL DISTANCE	130 FT	3490 FT	4882 FT	1522 FT	2976 FT	

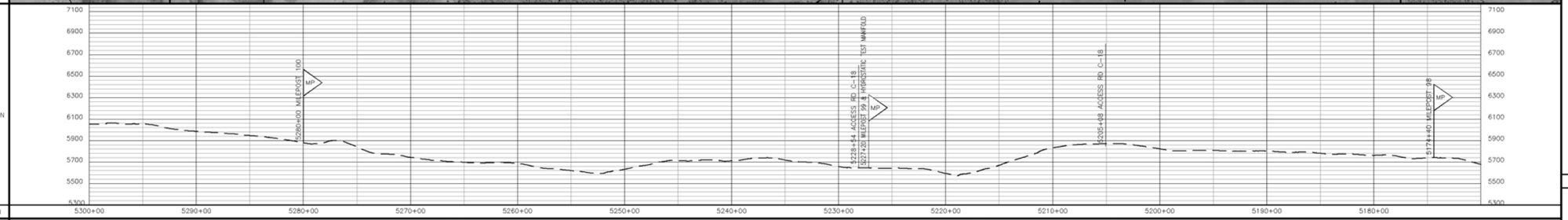
PIPELINE STATIONING

5300+00 MAINLINE
5208+70 PROPERTY LINE
5289+71 ACCESS RD C-18
5280+99 ACCESS RD C-18
5280+00 MILEPOST 100
5278+08 P.I. < 0°05'16" LT
5269+15 P.I. < 5°38'34" RT
5263+80 RANGE LINE
5262+20 TEST LEAD TYPE 1
5261+21 P.I. < 26°43'52" RT
5256+62 P.I. < 12°45'43" RT
5253+28 P.I. < 21°28'46" LT
5252+13 P.I. < 26°49'10" LT
5243+76 END 115'W/60ft 195'W TEMP WORK SPACE
5228+80 P.I. < 15°18'17" RT
5228+54 ACCESS RD C-18
5227+80 P.I. > 4°10'34" RT
5227+20 MILEPOST 99 & HYDROSTATIC TEST MANIFOLD
5218+96 DRAINAGE
5214+98 PROPERTY LINE
5207+67 P.I. < 24°05'41" RT
5205+08 ACCESS RD C-18
5205+08 P.I. < 27°21'46" RT
5199+76 SECTION LINE
5198+72 DRAINAGE
5188+07 P.I. < 13°25'17" LT
5189+22 P.I. < 15°06'36" RT
5184+06 P.I. < 15°20'09" RT
5182+11 P.I. < 22°10'11" LT
5178+77 P.I. < 11°53'21" LT
5176+07 DRAINAGE
5174+40 MILEPOST 98
5174+23 P.I. > 4°10'34" RT
5173+73 END 115'W/60ft 195'W TEMP WORK SPACE
5171+43 P.I. > 25°44'07" RT
5170+00 MAINLINE

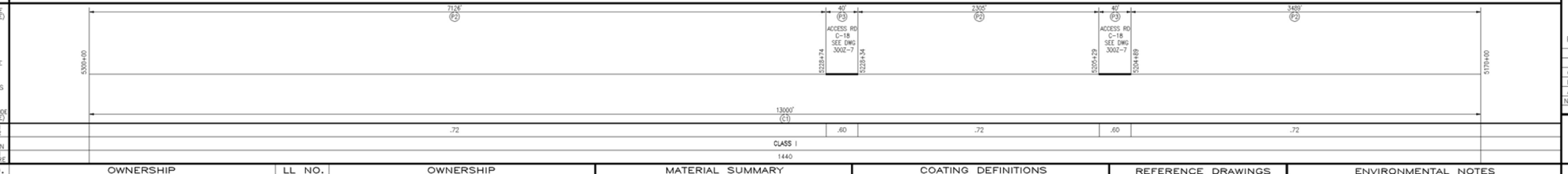
ALIGNMENT STRIP MAP



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 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

LL NO.	OWNERSHIP
2100	NOEL & MILDRED BESS FAMILY TRUST
2101	NOEL & MILDRED BESS FAMILY TRUST
2102	BESS RENTALS
2103	BESS RENTALS
2104	SUMMERS RANCH, LLC

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12920
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	80
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.

ALIGNMENT SHEET
RUBY PIPELINE
300A-42 INCH

STA. 5170+00 TO STA. 5300+00

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

300A-42 | Sheet: 42 of 277 | Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Apr 14, 2010 - 11:43AM