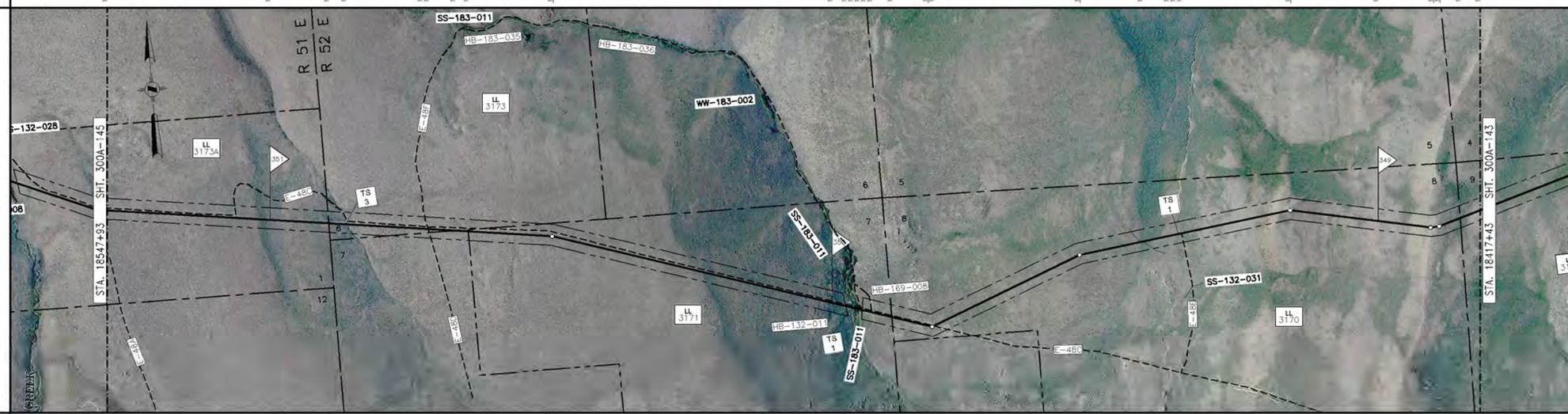
LAND					
LINE LIST					
LAND PLAT NUMBER	3173.5	3173	3171	3170	3169
PIPELINE STATION	18547+93	18527+37	18515+67	18474+32	18419+42 / 18417+43
HORIZONTAL DISTANCE	2055 FT	1171 FT	4136 FT	5489 FT	199 FT

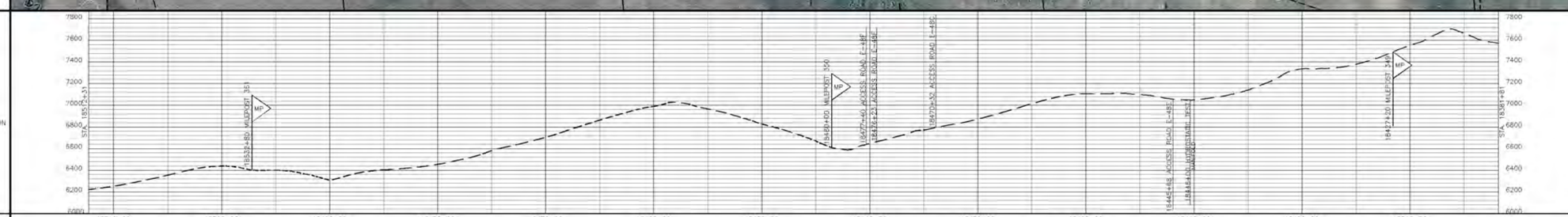
PIPELINE STATIONING

18547+93 MATCHLINE
18532+80 MILEPOST 351
18527+37 RANGE LINE
18525+78 TEST LEAD TYPE 3
18518+17 ACCESS ROAD E-48F
18518+13 ACCESS ROAD E-48D
18515+67 SECTION LINE
18514+43 PROPERTY LINE
18506+64 P.I. < 110°21'6" LT.
18480+00 MILEPOST 350
18478+13 TEST LEAD TYPE 1
18477+81 DRAINAGE A END 75'W ROW 155'W TEMP WORK SPACE
18477+66 DRAINAGE B END 75'W ROW 155'W TEMP WORK SPACE
18477+40 ACCESS ROAD E-48F
18476+23 ACCESS ROAD E-48E
18474+32 SECTION LINE
18470+49 P.I. < 30°22'15" RT.
18470+32 ACCESS ROAD E-48C
18455+33 P.I. < 14°03'04" LT.
18449+41 DIRT ROAD
18446+00 HYDROSTATIC TEST MANIFOLD
18445+97 TEST LEAD TYPE 1
18445+48 ACCESS ROAD E-48E
18425+40 P.I. < 18°53'30" LT.
18427+20 MILEPOST 349
18422+30 P.I. < 14°13'22" RT.
18421+50 P.I. < 14°00'02" RT.
18419+42 SECTION LINE
18417+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	2939' (P2)	80' (P3) ACCESS RD E-48F SEE DWG 300Z-12	3960' (P2)	240' (P3) ACCESS RD E-48F SEE DWG 300Z-12	494' (P2)	80' (P3) ACCESS RD E-48C SEE DWG 300Z-12	2392' (P2)	80' (P3) ACCESS RD E-48E SEE DWG 300Z-12	2785' (P2)
PIPELINE	18542+93	18518+54	18512+74	18476+14	18475+54	18470+60	18470+05	18448+08	18445+76	18417+43
PIPESAKS										
COATING CODE (SEE TABLE)	2939' (C1)	4864' (C2)	2392' (C1)	2885' (C2)
DESIGN FACTOR	.72	.60	.72	.60	.72	.60	.72	.60	.72
CLASS LOCATION	CLASS 1								
DESIGN PRESSURE	1440								

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/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
3169	26 RANCH, INC
3170	BLM
3171	26 RANCH, INC
3173	26 RANCH, INC
3173.5	DEAN & SHARON RHOADS TRUST

LL NO.	OWNERSHIP

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	12570
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	480
C1	PIPE COATING TYPE 1	5331
C2	PIPE COATING TYPE 2	7719

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. 18417+43 TO STA. 18547+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 38N	Range: 51E/52E	
Drafter: DLM	Date: 01/23/09	Project ID:	Type: CIVIL 3D
Chk'd: G	Date: 01/23/09	Scale:	
Appr: JJJ	Date: 01/23/09	Filename: 0300-A-136.DWG	
300A-144		Sheet: 1450273	Rev. C

Jan 14, 2010 - 15:37AM