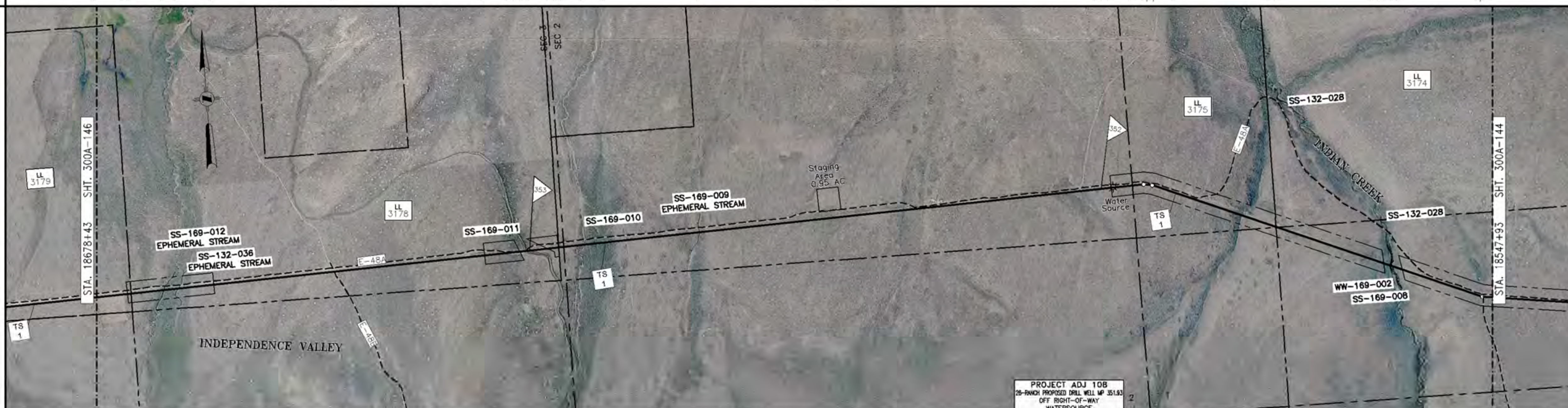
LAND

LINE LIST						
LAND PLAT NUMBER	3179	3178	3176	3175	3174	3173.5
PIPELINE STATION	18678+43	18675+24	18635+72	18582+71	18568+85	18568+72 / 18547+93
HORIZONTAL DISTANCE	319 FT	3952 FT	5301 FT	1386 FT	13 FT	2080 FT

PIPELINE STATIONING

18678+43 MATCHLINE
18675+61 END 195'W/BGN 115'W TEMP WORK SPACE
18675+24 PROPERTY LINE
18672+20 HAM CREEK
18670+89 HAM CREEK
18667+61 END 115'W/BGN 195'W TEMP WORK SPACE
18656+45 ACCESS ROAD E-48B
18642+57 END 195'W/BGN 115'W TEMP WORK SPACE
18639+77 ACCESS ROAD E-48A
18639+07 ACCESS ROAD E-48A
18638+76 DRAINAGE
18638+40 MILEPOST 353
18635+78 END 115'W/BGN 195'W TEMP WORK SPACE
18635+72 PROPERTY LINE
18635+25 SECTION LINE
18633+37 DRAINAGE
18631+38 TEST LEAD TYPE 1
18622+67 DRAINAGE
18611+60 STAGING AREA
18609+60 STAGING AREA
18585+60 MILEPOST 352
18585+00 HYDROSTATIC TEST MANIFOLD
18584+67 END 195'W/BGN 115'W TEMP WORK SPACE
18582+71 SECTION LINE
18581+66 P.I. < 12°00'14" LT
18580+86 P.I. < 12°47'50" LT
18578+58 TEST LEAD TYPE 1
18568+85 PROPERTY LINE
18568+72 PROPERTY LINE
18558+36 END 75'W/BGN 195'W TEMP WORK SPACE
18557+82 END WETLAND
18557+75 INDIAN CREEK
18557+64 BGN WETLAND
18556+64 END 195'W/BGN 75'W TEMP WORK SPACE
18548+84 P.I. < 15°00'53" RT
18548+75 ACCESS ROAD E-48A
18547+93 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE): 2158' (P1); 80' (P3) ACCESS RD E-48B SEE DWG 300Z-11; 1489' (P1); 321' (P3) ACCESS RD E-48A SEE DWG 300Z-11; 4395' (P1); 4485' (P2); 80' (P3) ACCESS RD E-48A SEE DWG 300Z-12; 42' (P2)

PIPELINE: 18678+43; 18656+85; 18656+05; 18641+16; 18637+95; 18594+00; 18549+15; 18548+35; 18547+93

PIPESAKS: 18575+58; 18571+59; 18560+15; 18558+17; (9) 100' (P5); 18557+17

COATING CODE (SEE TABLE): 10285' (C1); 399' (C2); 1144' (C1); 1180' (C2); 42' (C1)

DESIGN FACTOR: .80; .60; .80; .60; .80; .72; .60; .72

CLASS LOCATION: CLASS I

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3173.9	DEAN & SHARON RHOADS TRUST		
3174	DEAN & SHARON RHOADS TRUST		
3175	BLM		
3176	BLM		
3178	DEAN & SHARON RHOADS TRUST		
3179	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	8042
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	4527
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	481
C1	PIPE COATING TYPE 1	11471
C2	PIPE COATING TYPE 2	1579
PS	PIPESAK	9

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.

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

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 18547+93 TO STA. 18678+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: -	Township: 38N	Range: 51E	
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-145		Sheet: 145of277	Rev. C

Jun 14, 2010 - 10:39AM