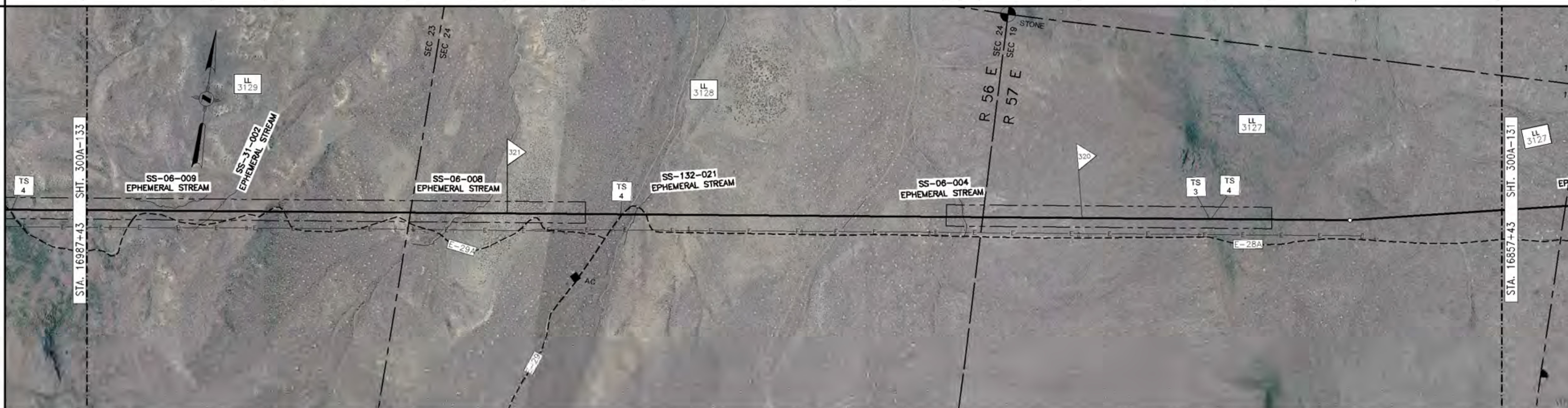
LAND

LINE LIST			
LAND PLAT NUMBER	3129	3128	3127
PIPELINE STATION	16987+43	16957+70	16905+13 / 16857+43
HORIZONTAL DISTANCE	2973 FT	5257 FT	4793 FT

PIPELINE STATIONING

16987+43 MATCHLINE
16975+67 DRAINAGE
16970+82 ACCESS ROAD E-29A
16969+32 ACCESS ROAD E-29A
16957+70 SECTION LINE
16952+07 DRAINAGE
16948+80 MILEPOST 321
16941+65 END 115'W/BGN 195'W TEMP WORK SPACE
16938+39 TEST LEAD TYPE 4
16938+23 ACCESS ROAD E-29
16937+05 DRAINAGE
16936+07 ACCESS ROAD E-28A
16917+11 DIRT ROAD
16908+50 END 195'W/BGN 115'W TEMP WORK SPACE
16906+97 DRAINAGE
16905+13 RANGE LINE
16896+00 MILEPOST 320
16884+25 TEST LEAD TYPE 3
16884+15 TEST LEAD TYPE 4
16878+60 END 115'W/BGN 195'W TEMP WORK SPACE
16871+40 P.I. < 4°13'18" RT.
16870+34 BGN PARALLEL POWERLINE
16857+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE

MATERIAL

PIPE CODE (SEE TABLE): 318' (P2); 80' (P3); 1207' (P1); 280' (P3) ACCESS RD E-29A SEE DWG 300Z-11; 2985' (P1); 80' (P3) ACCESS RD E-29 SEE DWG 300Z-11; 136' (P1); 80' (P3) ACCESS RD E-28A SEE DWG 300Z-11; 1816' (P1); 80' (P3); 571' (P1); 5357' (P2)

PIPELINE: 16987+43; 16984+25; 16983+45; 16971+38; 16968+58; 16938+63; 16937+83; 16936+47; 16935+67; 16917+51; 16916+71; 16911+00; 16857+43

PIPESAKS

COATING CODE (SEE TABLE): 13000' (C1)

DESIGN FACTOR: .72 | .60 | .80 | .60 | .80 | .60 | .80 | .60 | .80 | .60 | .80 | .72

CLASS LOCATION: CLASS 1

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3127	BLM		
3128	BLM		
3129	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	6725
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	5675
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	600
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 EDGEEPHTHE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS

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. 16857+43 TO STA. 16987+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: -	Township: 39N	Range: 56E/57E	
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-116.DWG	
300A-132		Sheet: 133of277	Rev. C

Jun 14, 2010 - 10:27AM

IMPLEMENTATION PLAN 05/24/2010