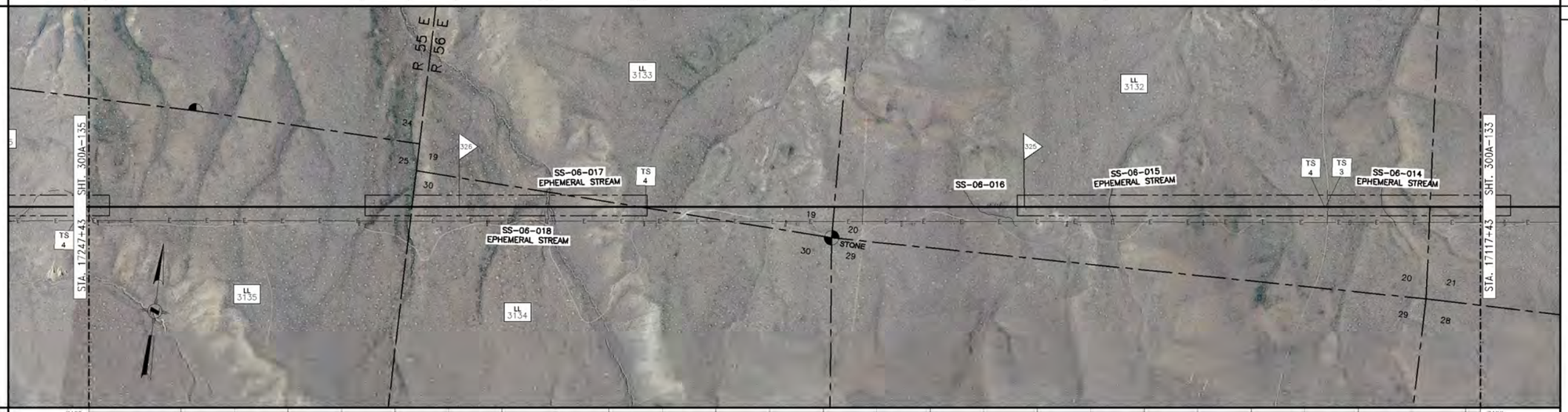
LAND					
LINE LIST	3135	3134	3133	3132	3131
PIPELINE STATION	17247+43	17217+21	17192+88	17177+77	17122+10	17117+43
HORIZONTAL DISTANCE	3020 FT	2133 FT	1811 FT	5566 FT	467 FT

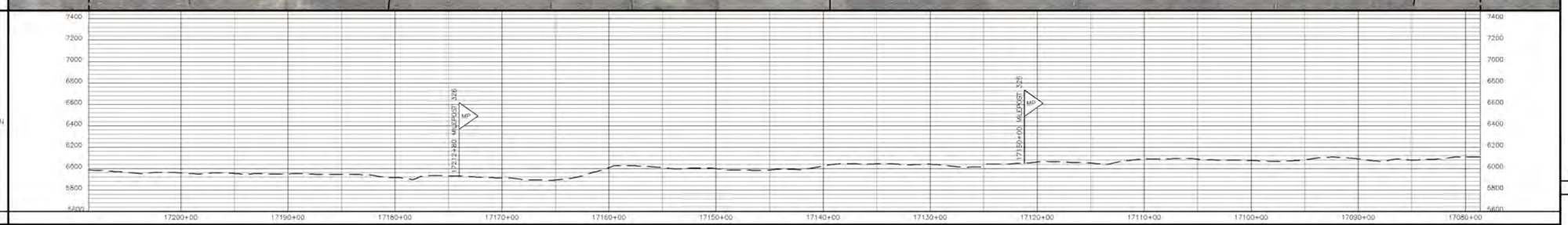
PIPELINE STATIONING

17247+43 MATCHLINE
17245+49 END 115'W/ROA 195'W TEMP WORK SPACE
17221+02 END 195'W/ROA 115'W TEMP WORK SPACE
17217+21 RANGE LINE
17212+80 MILEPOST 326
17204+51 DRAINAGE
17204+29 DRAINAGE
17195+38 SECTION LINE
17195+35 TS LEAD TYPE 4
17195+26 END 115'W/ROA 195'W TEMP WORK SPACE
17177+77 SECTION LINE
17175+07 DIRT ROAD
17165+71 END 195'W/ROA 115'W TEMP WORK SPACE
17164+53 DRAINAGE
17160+00 MILEPOST 325
17152+12 DRAINAGE
17131+96 TEST LEAD TYPE 4
17131+85 TEST LEAD TYPE 5
17131+43 DIRT ROAD
17126+56 DRAINAGE
17122+10 SECTION LINE
17117+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	11540' (P2)		80' (P3)	1300' (P3)	
PIPELINE	17247+43	17152+04	17131+74	17117+43	
PIPESAKS					
COATING CODE (SEE TABLE)	13000' (C1)				
DESIGN FACTOR	.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/LG
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
3131	BLM
3132	BLM
3133	GLASER LAND & LIVESTOCK CO
3134	GLASER LAND & LIVESTOCK CO
3135	GLASER LAND & LIVESTOCK CO.

LL NO.	OWNERSHIP

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

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

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 17117+43 TO STA. 17247+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Parr.: ELKO CO	
Section: –	Township: 39N	Range: 55E/56E	
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-134		Sheet: 135of277	Rev: C

Jan 14, 2010 – 10:30AM

IMPLEMENTATION PLAN 05/24/2010