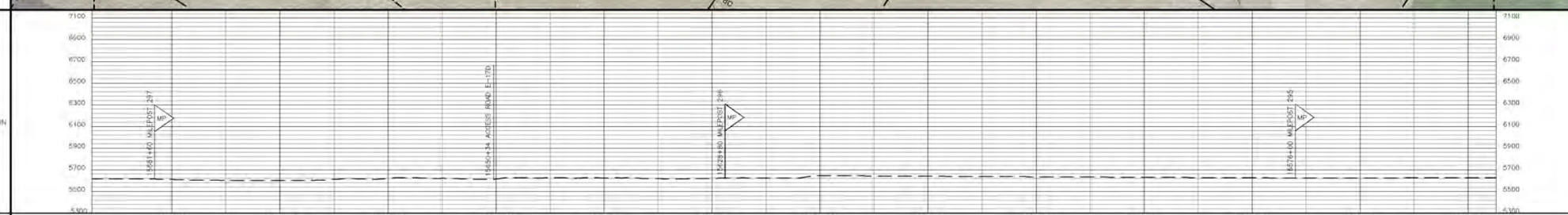
LAND												
LINE LIST / LAND PLAT NUMBER		3097C	3097B	3096B	3097A	3096A	3097	3096	3095	3094		
PIPELINE STATION	15687+43	15682+37	15656+96	15659+70	15649+53	15628+75	15633+05	15616+56	15613+72	15557+43		
HORIZONTAL DISTANCE		506 FT	1641 FT	626 FT	1017 FT	1278 FT	370 FT	1649 FT	284 FT	5629 FT		

PIPELINE STATIONING

15687+43 MATCHLINE
15682+37 SECTION LINE
15681+61 MILEPOST 297
15671+01 DRAINAGE
15656+96 PROPERTY LINE
15652+79 TEST LEAD TYPE 1
15659+70 PROPERTY LINE
15651+06 BID 195'W/BGA 115'W TEMP WORK SPACE
15650+34 ACCESS ROAD E-17D
15649+25 BID 115'W/BGA 195'W TEMP WORK SPACE
15648+53 PROPERTY LINE
15636+75 PROPERTY LINE
15633+05 PROPERTY LINE
15628+81 MILEPOST 296
15627+01 TEST LEAD TYPE 1
15616+56 SECTION LINE
15613+72 SECTION LINE
15579+35 TABOR CREEK
15577+12 TABOR CREEK
15576+01 MILEPOST 295
15574+28 P.I. = 13°50'39" LT
15574+21 TEST LEAD TYPE 1
15560+90 P.I. = 16°34'22" RT.
15557+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	3669' (P1)	80' (P2) ACCESS RD E-17D SEE DWG 3002-11	9251' (P1)	
PIPELINE	15687+43	15650+34	15648+53	15557+43
PIPESAKS				
COATING CODE (SEE TABLE)	13000 (C1)			
DESIGN FACTOR	.80	.72	.80	
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	LL NO.	OWNERSHIP
3094	TABOR CREEK, LLC		
3095	WRIGHT LAND CO		
3096	WRIGHT LAND CO		
3097	BLM		
3096A	WRIGHT LAND CO		
3097A	BLM		
3096B	WRIGHT LAND CO		
3097B	BLM		
3097.1	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12920
P2	PIPE,42.00 OD X 0.600 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 ARD

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/PHTHE CONSTRUCTION R/W IS LIMITED TO 75' WIDE IN WETLANDS

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 15557+43 TO STA. 15687+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 39N	Range: 60E	
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-122.1		Sheet: 123of277	Rev: C

Jan 14, 2010 – 12:19AM

IMPLEMENTATION PLAN 05/24/2010