LAND													
LINE LIST		3015		3014		3013A		3012A	3013	3012	3011	3010	
LAND PLAT NUMBER													
PIPELINE STATION	12697+43		12682+47		12648+31		12622+41		12610+82		12595+14		12567+43
HORIZONTAL DISTANCE		1496 FT		3416 FT		2590 FT		1159 FT	92 FT	1476 FT	430 FT	2341 FT	

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.

PIPELINE STATIONING

12697+43 MATCHLINE
12691+62 TEST LEAD TYPE 1
12682+47 TOWNSHIP LINE
12672+02 MILEPOST 240
12672+17 P.I. = 124°16'18" RT
12652+81 P.I. = 111°01'6" RT
12648+31 RANGE LINE
12645+18 END 195'W/BOA 115'W TEMP WORK SPACE
12643+08 DIRT ROAD
12633+32 DIRT ROAD
12634+62 END 115'W/BOA 195'W TEMP WORK SPACE
12633+08 P.I. = 173°25'5" LT
12631+58 P.I. = 174°05'1" LT
12630+08 P.I. = 174°05'1" LT
12628+39 P.I. = 131°10'4" RT
12627+49 P.I. = 174°05'1" RT
12626+59 P.I. = 174°05'1" RT
12625+86 END 195'W/BOA 115'W TEMP WORK SPACE
12624+20 WILKINS MONTELLO ROAD
12624+05 ABANDONED FIBER Optic CABLE
12624+30 WILKINS MONTELLO ROAD
12623+51 P.I. = 174°05'1" LT
12622+66 END 115'W/BOA 195'W TEMP WORK SPACE
12622+41 P.I. = 174°05'1" LT
12622+41 PROPERTY LINE
12619+20 MILEPOST 239
12618+17 P.I. = 131°15'4" LT
12617+13 DIRT ROAD
12616+57 P.I. = 174°05'0" LT
12616+57 P.I. = 131°15'0" LT
12614+08 DIRT ROAD
12610+82 PROPERTY LINE
12609+90 PROPERTY LINE
12596+02 TRIBUTARY TO CRITTENDEN CREEK
12595+14 SECTION LINE
12592+44 TRIBUTARY TO CRITTENDEN CREEK
12590+84 SECTION LINE
12588+13 TRIBUTARY TO CRITTENDEN CREEK
12587+38 TRIBUTARY TO CRITTENDEN CREEK
12567+43 MATCHLINE

ALIGNMENT STRIP MAP

PROFILE

MATERIAL

PIPE CODE (SEE TABLE)	12697+43	7193' (P1)					80' (P2)	80' (P44)	39' (P2)	63' (SF)	80' (P2)			5460' (P1)			12567+43
PIPELINE								WILKINS-MONTELLO ROAD SEE DWG 3002-12		MLV 17 SEE DWG 300A-99A							
PIPESAKS							12642+50	12624+20	12623+90	12623+51	12624+30	12622+66	12622+66				
												MLV17					
COATING CODE (SEE TABLE)		7273' (C1)						80' (C2)	39' (C1)	63' (C2)				5545' (C1)			
DESIGN FACTOR		.80					.72		.50	.72	.50	.72		.80			
CLASS LOCATION								CLASS 1									
DESIGN PRESSURE								1440									

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

LL NO.	OWNERSHIP
3010	BLM
3011	WALKER-WINECUP GAMBLE INC
3012	BLM
3013	WALKER-WINECUP GAMBLE INC
3012A	BLM
3013A	WALKER-WINECUP GAMBLE INC
3014	WALKER-WINECUP GAMBLE INC
3015	WALKER-WINECUP GAMBLE INC

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12658
P2	PIPE,42.00 OD X 0.680 IN WT, DSAW,API 5L GR X-70	199
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	80
SF	SHOP FAB	63
V17	MAIN LINE VALVE 17	1
C1	PIPE COATING TYPE 1	12857
C2	PIPE COATING TYPE 3	80
C5	PIPE COATING TYPE 5	63

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
300A-99A	PLAN/DETAILS – MLV-17

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. 12567+43 TO STA. 12697+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 41N /42N	Range: 68E/69E	
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-096.DWG	
300A-99		Sheet: 100of277	Rev: C

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