LAND

LINE LIST / LAND PLAT NUMBER	3143	3142	3141	3139
PIPELINE STATION	17507+43 – 17480+32	17480+32 – 17440+98	17440+98 – 17426+69	17426+69 – 17377+43
HORIZONTAL DISTANCE	2714 FT	4254 FT	1426 FT	4926 FT

PIPELINE STATIONING

17507+43 MATCHLINE

17499+07 DRAINAGE
17497+88 END 195'W/BGN 115'W TEMP WORK SPACE
17497+79 DRAINAGE
17497+65 TEST LEAD TYPE 1
17497+41 ACCESS ROAD E-39

17489+64 P.I. < 11°45'28" LT
17488+84 P.I. < 11°30'00" LT
17488+82 ACCESS ROAD E-38
17487+97 END 115'W/BGN 195'W TEMP WORK SPACE

17480+29 SECTION LINE

17476+80 MILEPOST 331

17465+29 ACCESS ROAD E-37

17454+44 BK-MP 330.57\AH-MP 330.63
17454+44 ahd PI < 14°59'36" RT.
STATION EQUATION +320'
17457+64 bk= END REALIGNMENT
17456+84 P.I. < 20°01'57" RT
17456+04 P.I. < 5°36'57" RT

17447+09 P.I. < 19°39'51" LT
17446+29 P.I. < 20°11'48" LT
17445+95 STAGING AREA
17445+27 OVERHEAD POWERLINE
17445+02 HYDROSTATIC TEST MANIFOLD
17443+92 TEST LEAD TYPE 1
17443+76 STAGING AREA

17442+75 STATE HIGHWAY 225
17441+97 FIBER OPTIC CABLE
17440+98 PROPERTY LINE
17440+73 PROPERTY LINE

17437+04 MLV 22.1
17436+20 MLV 22
17435+35 MLV 21.9

17433+94 P.I. < 12°03'47" LT
17433+25 P.I. < 15°08'16" LT
17432+22 PROPERTY LINE

17426+69 SECTION LINE

17424+00 MILEPOST 330
17423+77 P.I. < 17°16'59" RT
17422+94 P.I. < 17°12'41" RT
17422+33 P.I. < 12°22'09" RT

17396+60 END 195'W/BGN 115'W TEMP WORK SPACE
17395+16 TEST LEAD TYPE 4
17394+93 DIRT ROAD

17392+99 END 75'W/BGN 195'W TEMP WORK SPACE

17390+82 END WETLAND

17385+53 GANCE CREEK
17385+52 GANCE CREEK
17385+47 GANCE CREEK
17385+47 GANCE CREEK
17385+13 GANCE CREEK
17384+73 GANCE CREEK
17384+49 GANCE CREEK
17384+48 GANCE CREEK
17384+07 GANCE CREEK

17377+43 MATCHLINE

ALIGNMENT STRIP MAP

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.

PROFILE

ELEVATION: 7300, 7100, 6900, 6700, 6500, 6300, 6100, 5900, 5700, 5500

17497+41 ACCESS ROAD E-39
17488+82 ACCESS ROAD E-38
17476+80 MILEPOST 331 (MP)
17465+29 ACCESS ROAD E-37
AH-MP 330.63 / BK-MP 330.57 (MP EQ)
17445+00 HYDROSTATIC TEST MANIFOLD
17442+75 STATE HIGHWAY 225
17424+00 MILEPOST 330 (MP)

STATION: 17470+00, 17460+00, 17450+00, 17440+00, 17430+00, 17420+00, 17410+00, 17400+00, 17390+00, 17380+00, 17370+00, 17360+00, 17350+00, 17340+00

MATERIAL

PIPE CODE (SEE TABLE) / PIPELINE:

- 17507+41 – 17497+81: 962' (P2)
- 17497+81 – 17497+01: 80' (P3) ACCESS RD E-38 SEE DWG 300Z-11
- 779' (P2)
- 17489+22 – 17488+42: 80' (P3) ACCESS RD E-38 SEE DWG 300Z-11
- 2273' (P2)
- 17465+69 – 17464+89: 80' (P3) ACCESS RD E-37 SEE DWG 300Z-11
- 2322' (P2) — 17454+44 ahd / STA EQ +320' / 17457+64 bk=
- 17444+87: 101' (P4)
- 17443+86 – 17441+71: 215' (P44) US HWY 225 SEE DWG 300Z-34
- 404' (P4)
- 17437+67 – 17434+69: 298' (SF) MLV 22 SEE DWG 300A-136A; 17436+20 (V22)
- 287' (P4)
- 17431+82 – 17431+02: 80' (P2)
- 5359' (P1) to 17377+43

PIPESAKS: 17418+22 – 17377+43: 4079' (51) (SA)

COATING CODE (SEE TABLE): 6677' (C1); 215' (C2); 404' (C1); 298' (C5); 5726' (C1)

DESIGN FACTOR: .72 / .60 / .72 / .60 / .72 / .60 / .72 / .50 / .72 / .80

CLASS LOCATION: CLASS 1

DESIGN PRESSURE: 1440

LL NO.	OWNERSHIP	LL NO.	OWNERSHIP
3139	KEY RANCHES, LLC		
3141	GLASER LAND & LIVESTOCK INC		
3142	BLM		
3143	BLM		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	5359
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	6416
P3	PIPE,42.00 OD X 0.721 IN WT, DSAW,API 5L GR X-70	240
P4	PIPE,42.00 OD X 0.865 IN WT, DSAW,API 5L GR X-70	792
P44	PIPE,42.00 OD X 0.865 IN WT, LSAW,API 5L GR X-70	215
SF	SHOP FAB	298
V22	MAIN LINE VALVE 22	1
C1	PIPE COATING TYPE 1	12807
C2	PIPE COATING TYPE 2	215
C5	PIPE COATING TYPE 5	298
SA	SCREW ANCHOR	51

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
300Z-34	CROSSING U.S. HIGHWAY 225
300A-136A	PLAN/DETAILS – MLV-22

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.

SCALE & PROJECTION

500 250 0 500 1000

SCALE: 1" = 500' HORIZONTAL
1" = 500' VERTICAL

PROJECTION: UTM, NAD83, ZONE 11, US FOOT

REVISIONS

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

RUBY PIPELINE LLC

ALIGNMENT SHEET
RUBY PIPELINE
300A-42"

STA. 17377+43 TO STA. 17507+43

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: ELKO CO	
Section: –	Township: 39N	Range: 55E	
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-136.DWG	
300A-136		Sheet: 137of277	Rev. C

Jun 14, 2010 – 10:30AM

IMPLEMENTATION PLAN 05/24/2010