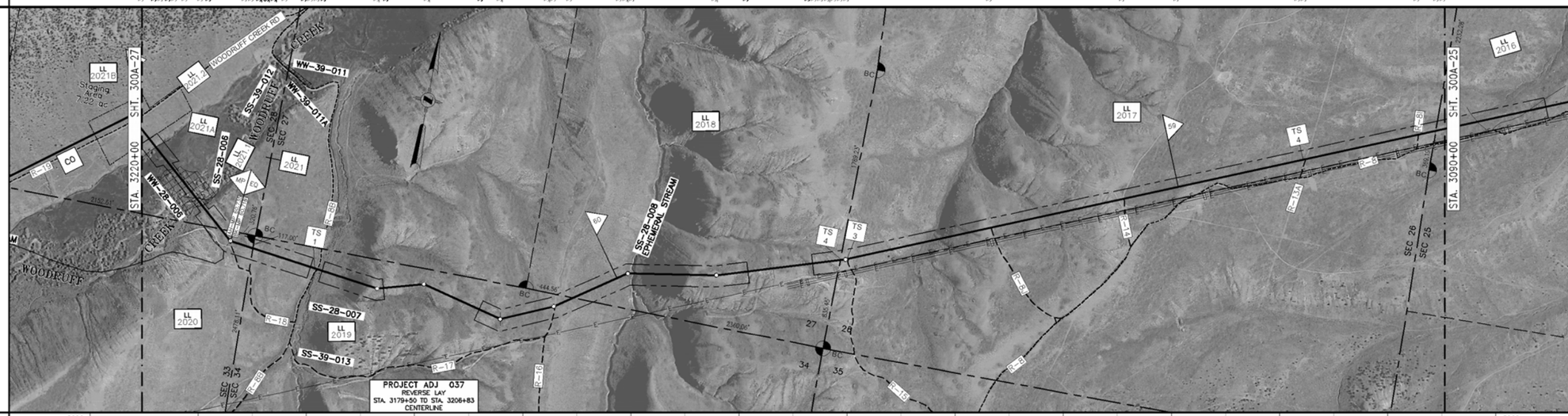
LAND

LINE LIST	2021A	2021.1	2021	2020	2019	2018	2017	2016
LAND PLAT NUMBER								
PIPELINE STATION	3220+00	3211+81	3208+18	3204+03	3172+64	3147+17	3092+82	3090+00
HORIZONTAL DISTANCE	1182 FT		415 FT		3139 FT	2547 FT	5635 FT	82 FT

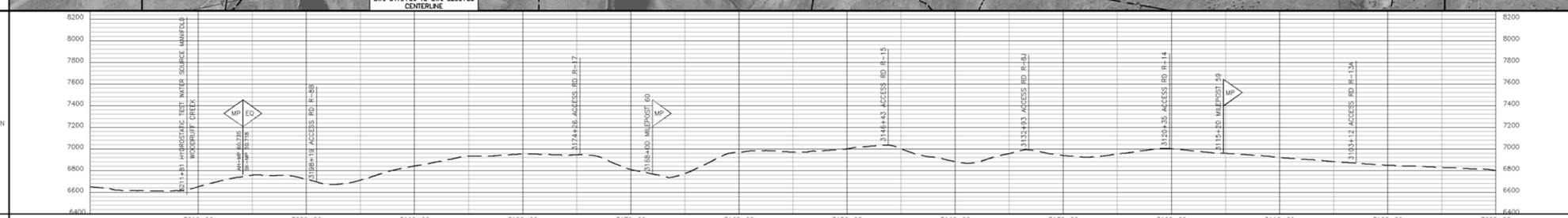
PIPELINE STATIONING

3220+00 MATCHLINE
3218+82 END 195'W/RGH 115'W TEMP WORK SPACE
3215+25 END 75'W/RGH 195'W TEMP WORK SPACE
3211+81 WOODRUFF CREEK & HYDROSTATIC TEST WATER SOURCE MANIFOLD & HYDROSTATIC TEST WATER SOURCE MANIFOLD
3211+81 WOODRUFF CREEK & HYDROSTATIC TEST WATER SOURCE MANIFOLD
3210+50 END 195'W/RGH 75'W TEMP WORK SPACE
3209+18 SECTION LINE
3207+62 ACCESS RD R-18
3206+83 end ≤ 33.33%/0° BT
STATION EQUATION: 3206+83 BT = 3206+92 AH
3206+92 BEGIN REALIGNMENT
3203+29 SECTION LINE
3189+10 END 115'W/RGH 195'W TEMP WORK SPACE
3187+61 ACCESS RD R-8
3187+50 ACCESS RD R-8
3186+98 END 115'W/RGH 195'W TEMP WORK SPACE
3181+61 P.I. ∠ 27°11'50" RT
3181+10 END 115'W/RGH 195'W TEMP WORK SPACE
3177+26 P.I. ∠ 30°00'00" LT
3171+80 END 195'W/RGH 115'W TEMP WORK SPACE
3179+50 P.I. ∠ 38°01'47" RT & BEGIN REALIGNMENT
3174+42 P.I. ∠ 18°30'45" RT
3174+26 ACCESS RD R-17
3172+64 SECTION LINE
3168+00 MILEPOST 60
3166+81 P.I. ∠ 26°01'36" LT
3166+35 DRAINAGE
3158+72 P.I. ∠ 8°04'33" RT
3155+60 END 115'W/RGH 195'W TEMP WORK SPACE
3149+77 END 195'W/RGH 115'W TEMP WORK SPACE
3149+77 SECTION LINE
3147+17 TEST LEAD TYPE 4
3146+69 TIE TO CABLE TV
3146+46 TEST LEAD TYPE 1
3146+42 ACCESS RD R-15
3132+93 ACCESS RD R-8J
3120+35 ACCESS RD R-14
3115+20 MILEPOST 59
3103+39 TEST LEAD TYPE 4
3103+12 ACCESS RD R-13A
3092+46 ACCESS RD R-8
3090+82 SECTION LINE
3090+00 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	699' (P1)	80' (P2)	80' (P4)	80' (P2)	720' (P1)	525' (P2)	40' (P3) ACCESS RD R-8B SEE DWG 300Z-5	2239' (P2)	40' (P3) ACCESS RD R-17 SEE DWG 300Z-5	2743' (P2)	40' (P3) ACCESS RD R-15 SEE DWG 300Z-5	1310' (P2)	40' (P3) ACCESS RD R-8J SEE DWG 300Z-5	1218' (P2)	40' (P3) ACCESS RD R-14 SEE DWG 300Z-5	1683' (P2)	40' (P3) ACCESS RD R-13A SEE DWG 300Z-5	1292' (P2)	
PIPELINE	3220+00	3213+81 3212+61	WOODRUFF CREEK SEE DWG 300A-26A	3211+81 3210+61	3206+83 only 300A-42 Bore	3202+50	3197+25	3196+85	3174+46	3174+06	3146+63	3146+23	3133+13	3132+73	3120+55	3120+15	3103+32	3102+92	3090+00
PIPESAKS	3215+29	300' (PS)	3214+29	3211+37	30' (PS)	3210+99													
COATING CODE (SEE TABLE)	779' (C1)		80' (C3)					12006' (C1)											
DESIGN FACTOR	.80		.50	.80		.72	.60	.72		.60	.72		.60	.72		.60	.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 12, US FOOT

NO.	DATE	BY	DESCRIPTION	PROJ. ID	APPR.
C	3/18/10	JDK	IMPLEMENTATION FILING	128575	JJJ
B	7/10/09	JDK	ISSUE FOR FERC FILING	128575	JJJ
A	1/26/09	JDK	ISSUE FOR FERC FILING	128575	JJJ

REVISIONS

RUBY PIPELINE LLC

LL NO. / OWNERSHIP

LL NO.	OWNERSHIP
2016	STACEY RANCH, LLC
2017	USA-BLM
2018	ARLO H. EASTMAN FAMILY, LLC
2019	USA-BLM
2020	ARLO H. EASTMAN FAMILY, LLC
2021	CORNIA REVOCABLE TRUST
2021.1	CITY OF WOODRUFF(EASEMENT ONLY)
2021A	CORNIA REVOCABLE TRUST

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	1375
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	11170
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	80
C1	PIPE COATING TYPE 1	12785
C3	PIPE COATING TYPE 3	80
PS	PIPESAK	29

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-5	TYPICAL OPEN CUT ROAD CROSSING
300A-26A	PLAN/PROFILE – WOODRUFF CREEK

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 INCH

STA. 3090+00 TO STA. 3220+00

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: UTAH		Co./Par.: RICH	
Section: –	Township: 9N	Range: 6E	
Drafter: JDK	Date: 08/27/08	Project ID: 128575	Type: CIVIL 3D
Chk'd: RJG	Date: 10/15/08	Scale: 1" = 500'	
Appr: JJJ	Date: 12/03/08	Filename: 0300-A-0021	

300A-26

Sheet: 26 of 27 Rev: 0

IMPLEMENTATION PLAN 05/24/2010

Jan 14, 2010 - 11:25AM