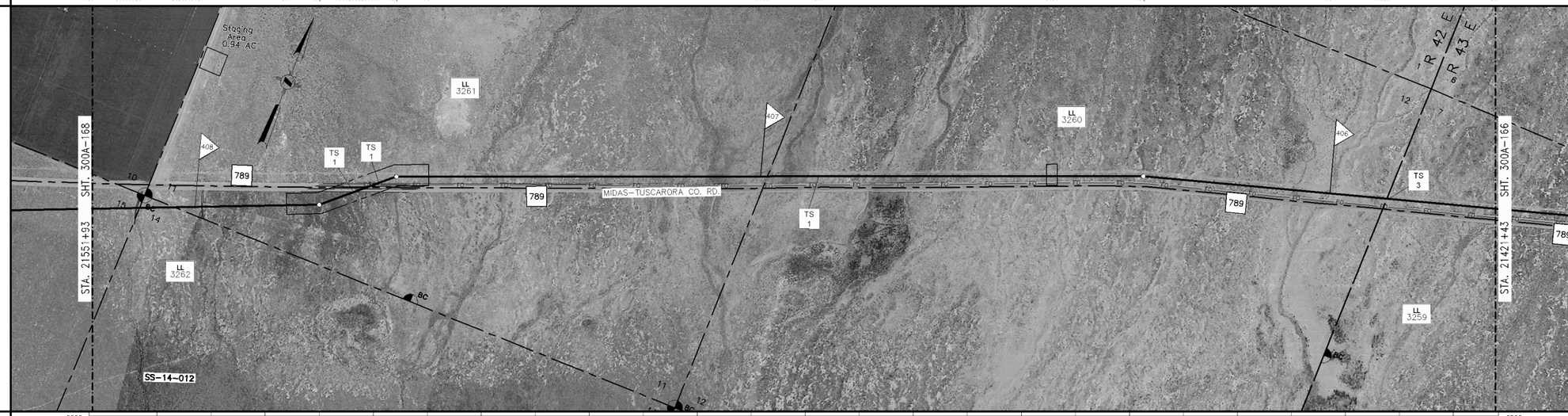
LAND					
LINE LIST					
LAND PLAT NUMBER	3265	3262	3261	3260	3259
PIPELINE STATION	21551+93	21547+53	21544+30	21488+36	21431+51	21421+43
HORIZONTAL DISTANCE	440 FT	322 FT	5535 FT	5753 FT	1008 FT

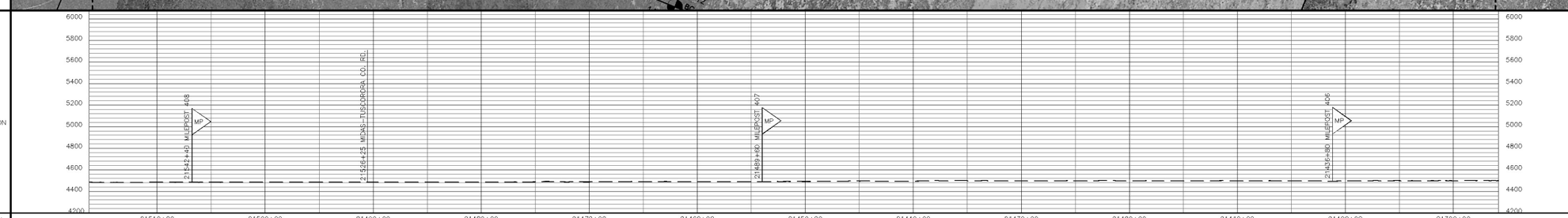
PIPELINE STATIONING

21551+93 MATCHLINE
21549+05 TOP OF BANK
21547+77 WATER FLOW LINE
21547+53 SECTION LINE
21544+20 SECTION LINE
21543+60 MILEPOST 408
21541+82 TOP OF BANK
21541+77 WATER FLOW LINE
21541+72 TOP OF BANK
21533+44 END 195°W/BGN 115°W TEMP WORK SPACE
21530+91 PI_< 19°01'39" RT.
21527+51 TEST LEAD TYPE 1
21527+36 TOP OF BANK
21526+25 WATER FLOW LINE
21526+25 MIDAS-TUSCARORA CO. RD.
21525+43 WATER FLOW LINE
21525+19 TOP OF BANK
21525+04 TEST LEAD TYPE 1
21520+33 PI_< 18°29'45" LT.
21520+35 END 115°W/BGN 195°W TEMP WORK SPACE
21489+60 MILEPOST 407
21489+96 SECTION LINE
21484+20 TEST LEAD TYPE 1
21463+16 END 195°W/BGN 115°W TEMP WORK SPACE
21462+16 END 115°W/BGN 195°W TEMP WORK SPACE
21454+16 PI_< 5°18'13" LT.
21436+80 MILEPOST 406
21431+53 RANGE LINE
21431+40 TEST LEAD TYPE 3
21421+43 MATCHLINE

ALIGNMENT STRIP MAP



PROFILE



MATERIAL

PIPE CODE (SEE TABLE)	2368' (P1)			80' (P2)	240' (P44)	80' (P2)					10282' (P1)						
PIPELINE	21551+93			21538+25	21527+45 MIDAS-TUSCARORA ROAD SEE DWG 300Z-14	21525+05	21524+25										21421+43
PIPESAKS																	
COATING CODE (SEE TABLE)	2448' (C1)				240' (C2)						10362' (C1)						
DESIGN FACTOR	.80			.72	.50	.72					.80						
CLASS LOCATION	CLASS I																
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
3259	ORO VACA INC.		
3260	BLM		
3261	ORO VACA INC.		
3262	BLM		
3265	THE GENE & JO CHRISTISON FAMILY TRUST		

MATERIAL SUMMARY

ITEM	DESCRIPTION	QTY
P1	PIPE,42.00 OD X 0.541 IN WT, DSAW,API 5L GR X-70	12650
P2	PIPE,42.00 OD X 0.600 IN WT, DSAW,API 5L GR X-70	160
P44	PIPE,42.00 OD X 0.665 IN WT, LSAW,API 5L GR X-70	240
C1	PIPE COATING TYPE 1	12810
C2	PIPE COATING TYPE 2	240

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–13	TYPICAL OPEN CUT ROAD CROSSING
300Z–14	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.

ALIGNMENT SHEET
RUBY PIPELINE
300A–42"

STA. 21421+43 TO STA. 21551+93

Division: ROCKY MOUNTAIN		Op. Area: ELKO	
State: NEVADA		Co./Par.: HUMBOLDT CO	
Section: –	Township: 37N	Range: 42E/43E	
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–156.DWG	
300A–167		Sheet: 168of277	Rev. C

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