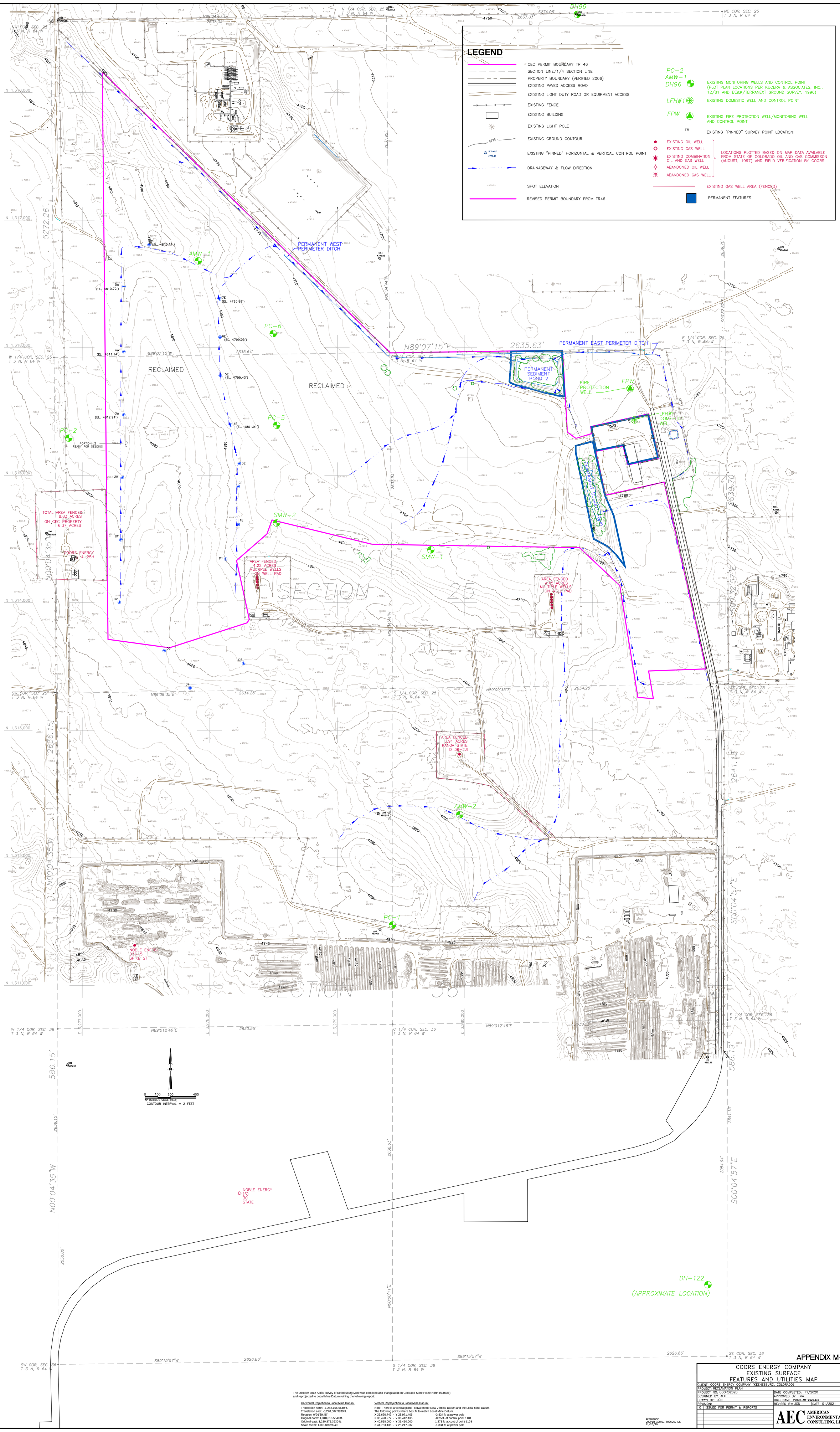

The October 2012 Aerial survey of Keenesburg Mine was complied and triangulated on Colorado State Plane North (surface) and reprojected to Local Mine Datum ruining the following report:

Horizontal Repletion to Local Mine Datum:

Translation north: -1,282,156.5640 ft.
Translation east: -3,240,307.3930 ft.
Rotation: 0°01'39.45"
Original north: 1,318,616.5640 ft.
Original east: 3,280,875.3930 ft.
Scale factor: 1.00148829949

Vertical Reprojection to Local Mine Datum:

Note: There is a vertical plane between the New Vertical Datum and the Local Mine Datum.
The following points where best fit to match Local Mine Datum.

X 36,620.749 - Y 28,971.406	-3.834 ft. at power pole
X 36,498.977 - Y 36,412.435	-0.25 ft. at control point 1101
X 40,568.000 - Y 36,460.000	1.273 ft. at control point 1103
X 41,733.435 - Y 28,217.937	-1.834 ft. at power pole

REFERENCE:
COOPER AERIAL, TUSCON, AZ.
11/20/20

APPENDIX M-1

COORS ENERGY COMPANY
EXISTING SURFACE FEATURES AND UTILITIES MAP

CLIENT: COORS ENERGY COMPANY (KEENESBURG, COLORADO)	
PROJECT: RECLAMATION PLAN	
PROJECT NO: COORS2020	DATE COMPLETED: 11/2020
DESIGNED BY: AEC	APPROVED BY: CJA
DRAWN BY: JGN	DWG NAME: PERMIT_M1-2020.dwg
REVISION:	REVISED BY: JGN DATE: 01/2021

0	ISSUED FOR PERMIT & REPORTS

AEC AMERICAN ENVIRONMENTAL CONSULTING, LLC.