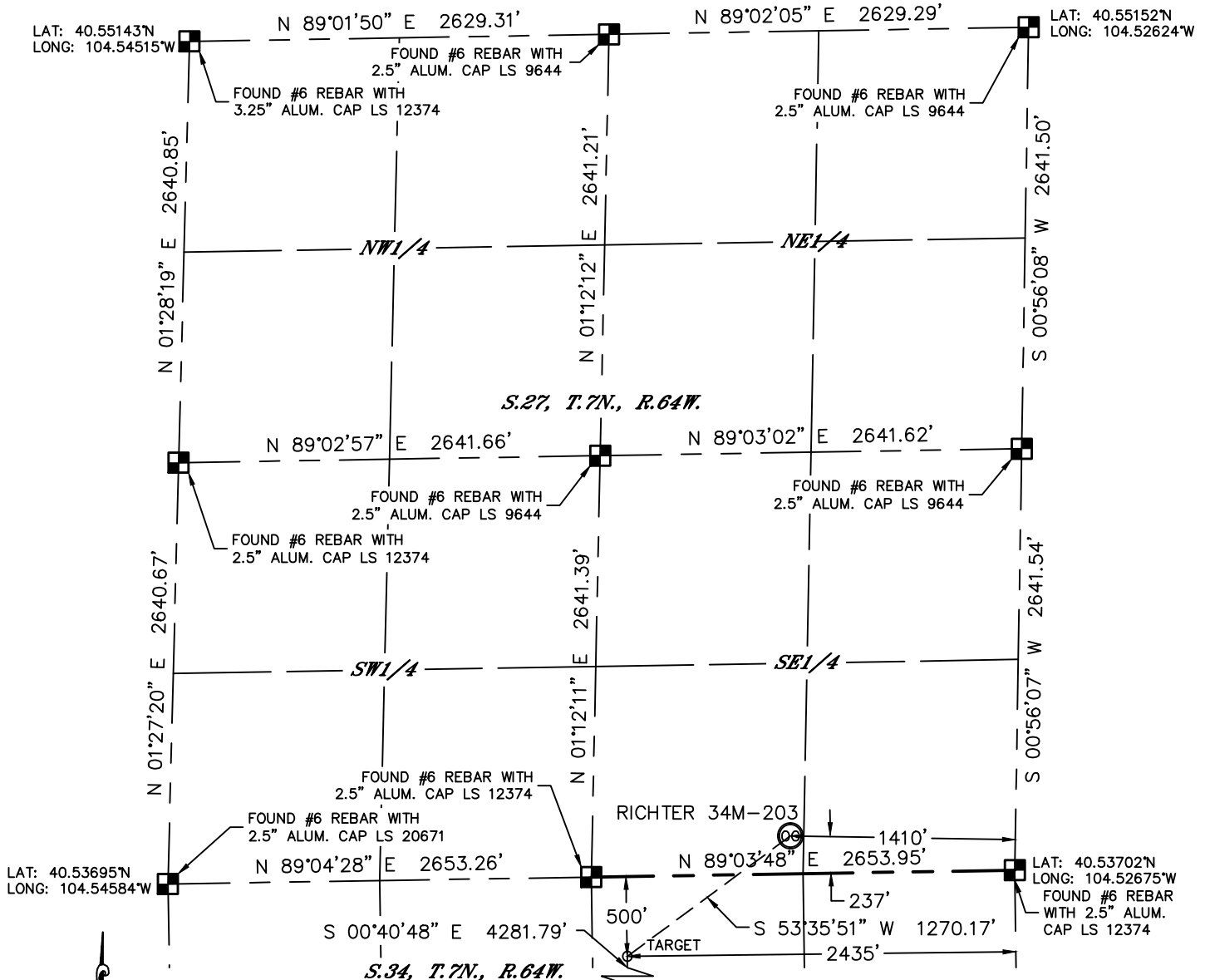


WELL LOCATION CERTIFICATE

SECTION: 27
TOWNSHIP: 7N
RANGE: 64W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



In accordance with a request from Jeff Dillingham with PDC ENERGY Lat40', Inc. has determined the surface location of the RICHTER 34M-203 to be 237' from the SOUTH line and 1410' from the EAST line as measured at right angles from the section lines of Section 27, Township 7 North, Range 64 West and the bottom hole to be 500' from the SOUTH line and 2435' from the EAST line as measured at right angles from the section lines of Section 34, Township 7 North, Range 64 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 9/4/2012, for and on behalf of PDC ENERGY. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.

NOTE:

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lined dimensions as contained herein are based upon the "U.S. Survey Foot."
- 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 400' of disturbed area.
- 4) SURFACE USE: RANGELAND
- 5) INSTRUMENT OPERATOR: WYATT HALL

SURFACE LOCATION

LAT: 40.53765°N LAT: 40.53562°N
LONG: 104.53181°W LONG: 104.53555°W
PDOP: 1.4
ELEV: 4870'
1/4,1/4: SW1/4SE1/4
NEAREST PROPERTY LINE: 237' SOUTH

TARGET HOLE

LAT: 40.53562°N
LONG: 104.53551°W



BOTTOM HOLE

LAT: 40.52387°N
LONG: 104.53550°W

NOTE

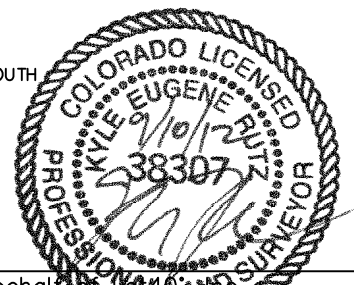
NOTE
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105 C.R.S.)

LEGEND

- LEGEND
-  = ALIQUOT MONUMENT AS DESCRIBED
-  = CALCULATED POSITION

SHEET 1 OF 2

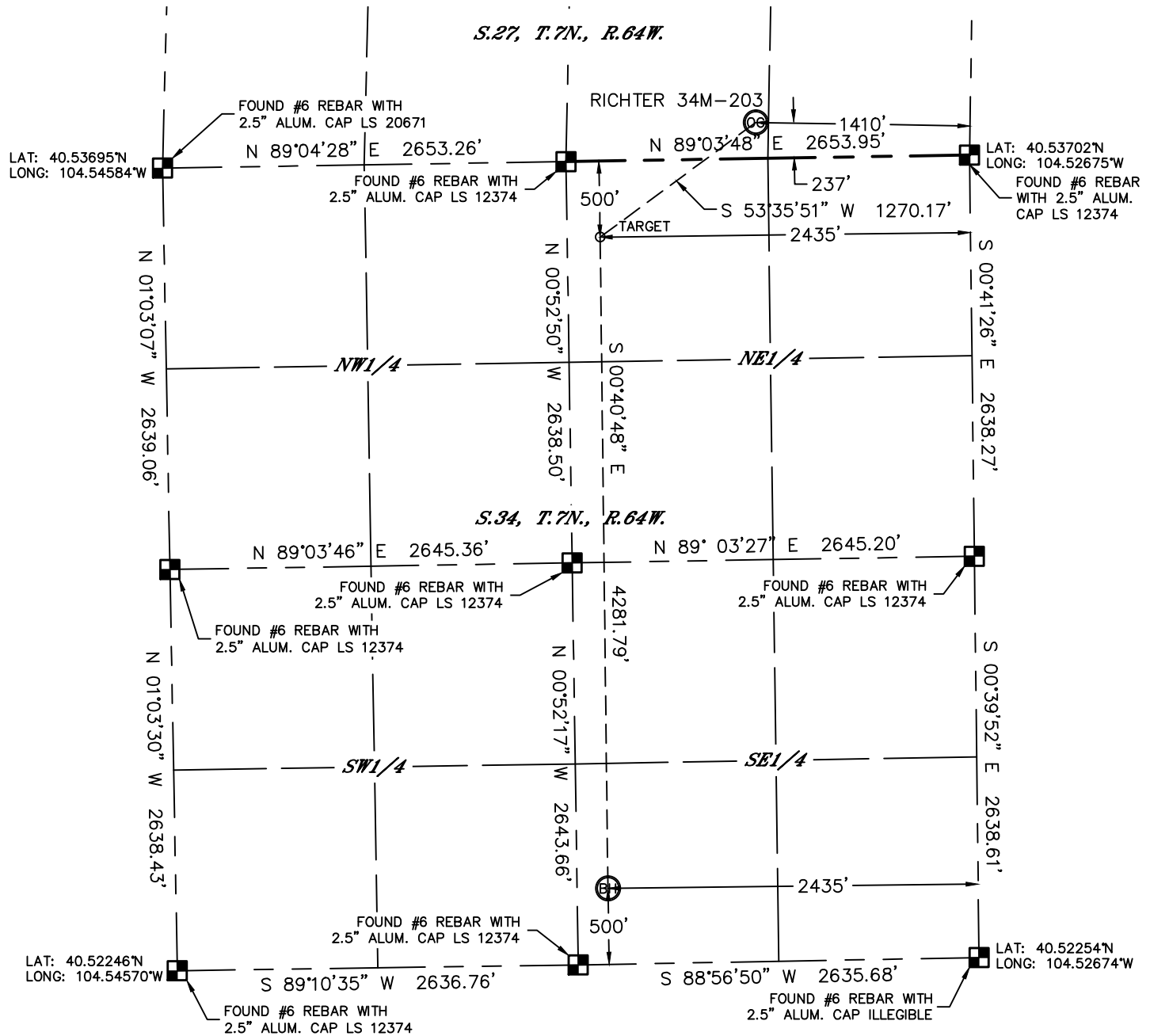
Kyle E. Rutz—On behalf of
Colorado Licensed Professional
Land Surveyor No. 38307



WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 27
TOWNSHIP: 7N
RANGE: 64W



NOTE

NOTE
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105 C.R.S.)



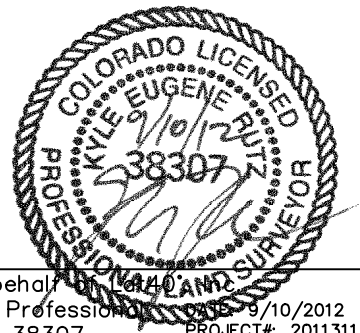
LEGEND

= ALIQUOT MONUMENT AS DESCRIBED

 = CALCULATED POSITION

SHEET 2 OF 2

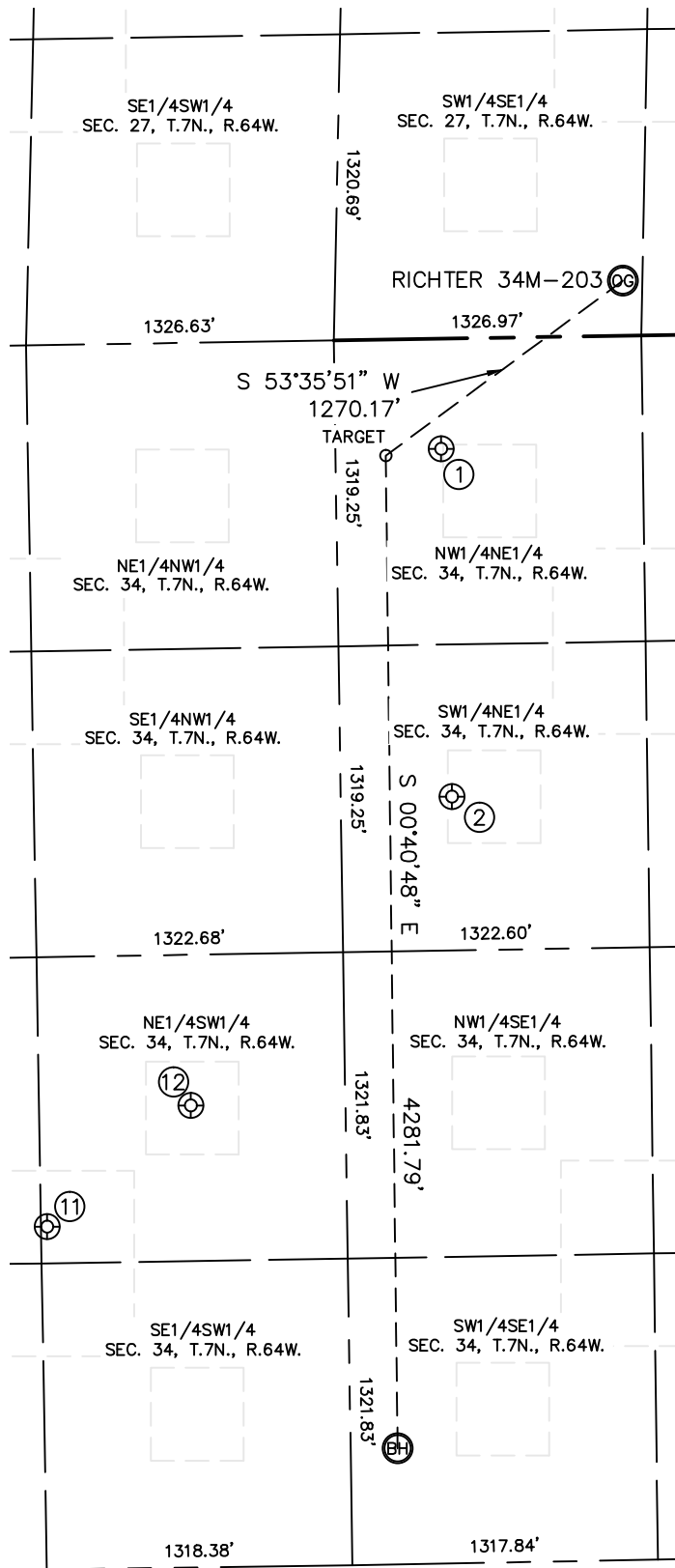
Kyle E. Rutz—On behalf of
Colorado Licensed Professional
Land Surveyor No. 38307



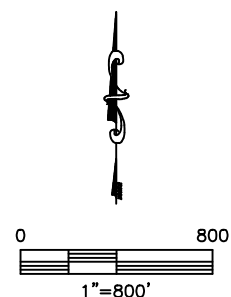
SITE SKETCH

RICHTER 34M-203

SECTION: 27
TOWNSHIP: 7N
RANGE: 64W



- ①
D DYER 31-34
NW1/4NE1/4
476' FNL
2197' FEL
LAT-40.53569°N
LONG-104.53465°W
PDOP: 2.1
ELEV: 4852'
- ②
D DYER 32-34
SW1/4NE1/4
1976' FNL
2168' FEL
LAT-40.53157°N
LONG-104.53454°W
PDOP: 2.9
ELEV: 4834'
- ⑪
TATMAN 34-53
NE1/4SW1/4
1478' FSL
1348' FWL
LAT-40.52653°N
LONG-104.54089°W
PDOP: 1.2
ELEV: 4833'
- ⑫
TATMAN 34-23
NE1/4SW1/4
1992' FSL
1977' FWL
LAT-40.52795°N
LONG-104.53865°W
PDOP: 1.2
ELEV: 4823'



DATE: 9/10/2012
PROJECT#: 2011311