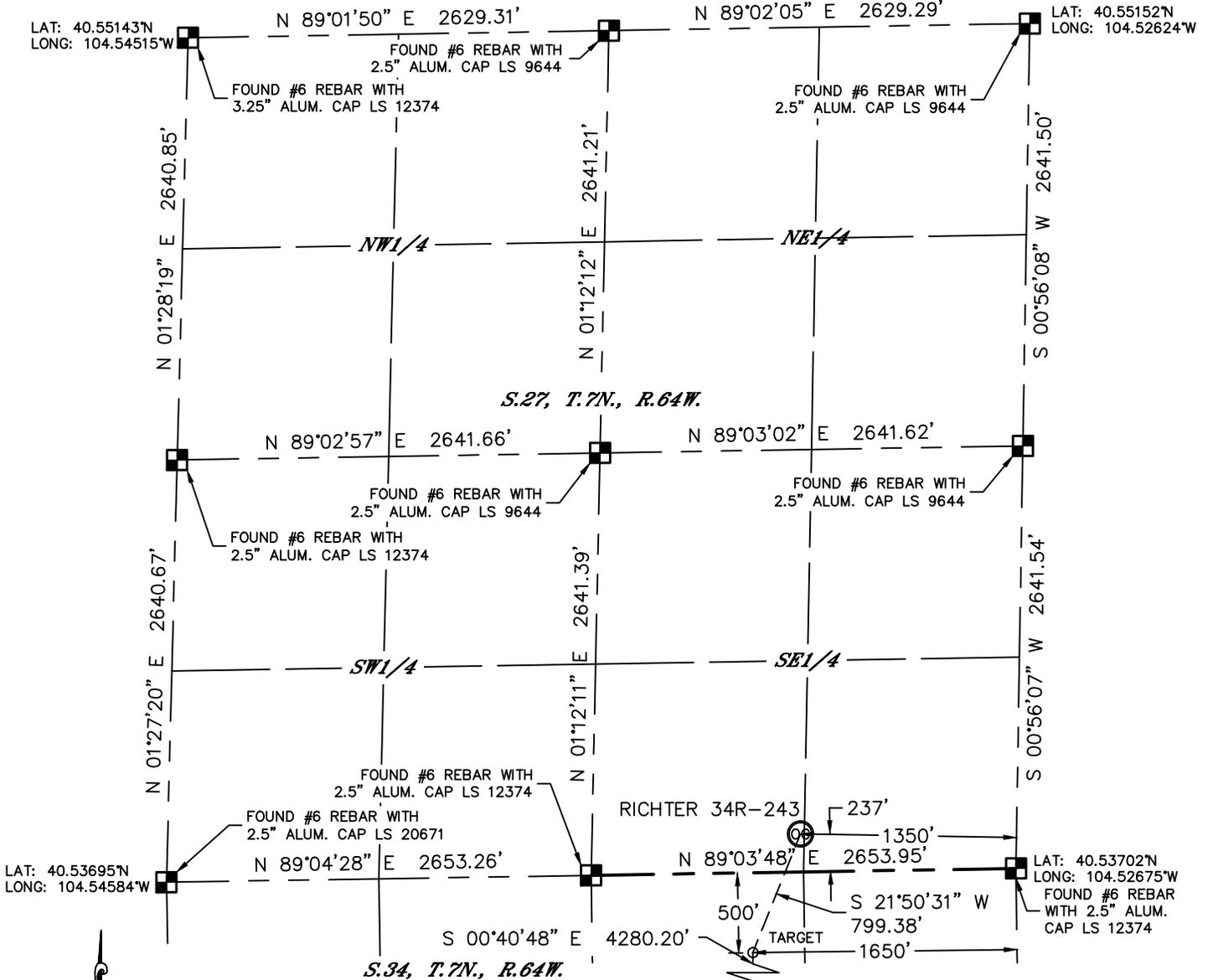




WELL LOCATION CERTIFICATE

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 34R-243 to be 237' from the SOUTH line and 1350' 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 1650' 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 lineal 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
LONG: 104.53159°W
PDOP: 1.4
ELEV: 4870'
1/4,1/4: SW1/4SE1/4
NEAREST PROPERTY LINE: 237' SOUTH

TARGET HOLE

LAT: 40.53563°N
LONG: 104.53269°W

BOTTOM HOLE

LAT: 40.52388°N
LONG: 104.53267°W

NOTE

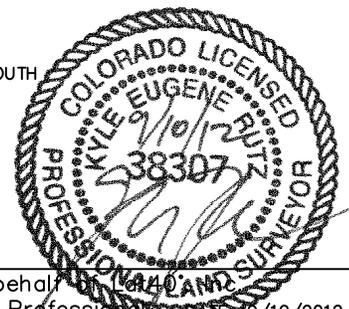
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105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

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION

SHEET 1 OF 2

Kyle E. Rutz-On behalf of Lat40, Inc.
Colorado Licensed Professional Surveyor
Land Surveyor No. 38307
DATE: 9/10/2012
PROJECT#: 2011311

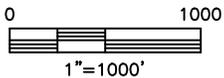
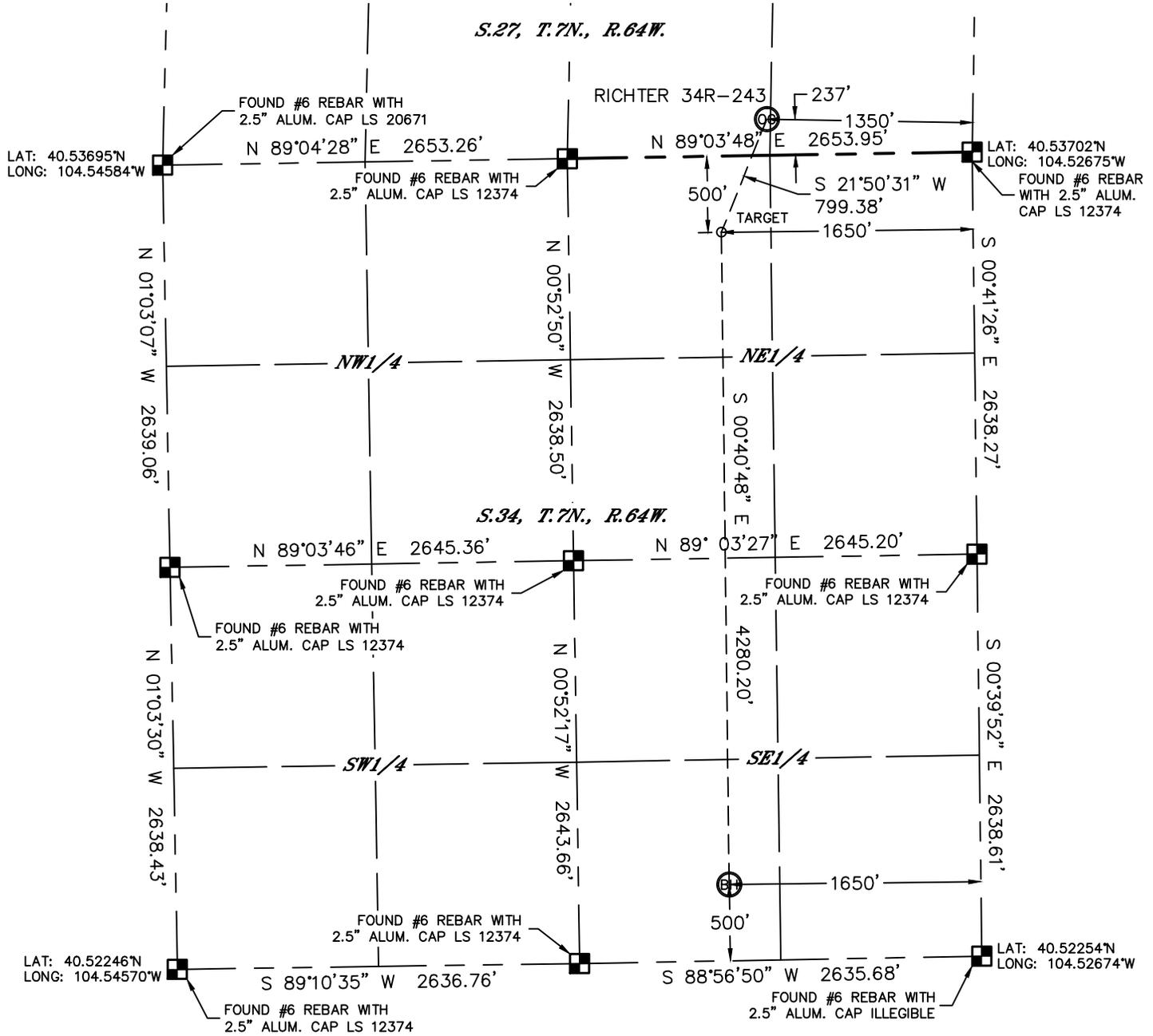




WELL LOCATION CERTIFICATE

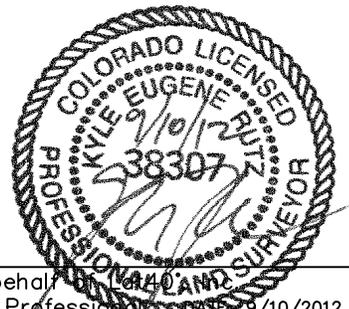
SECTION: 27
TOWNSHIP: 7N
RANGE: 64W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



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

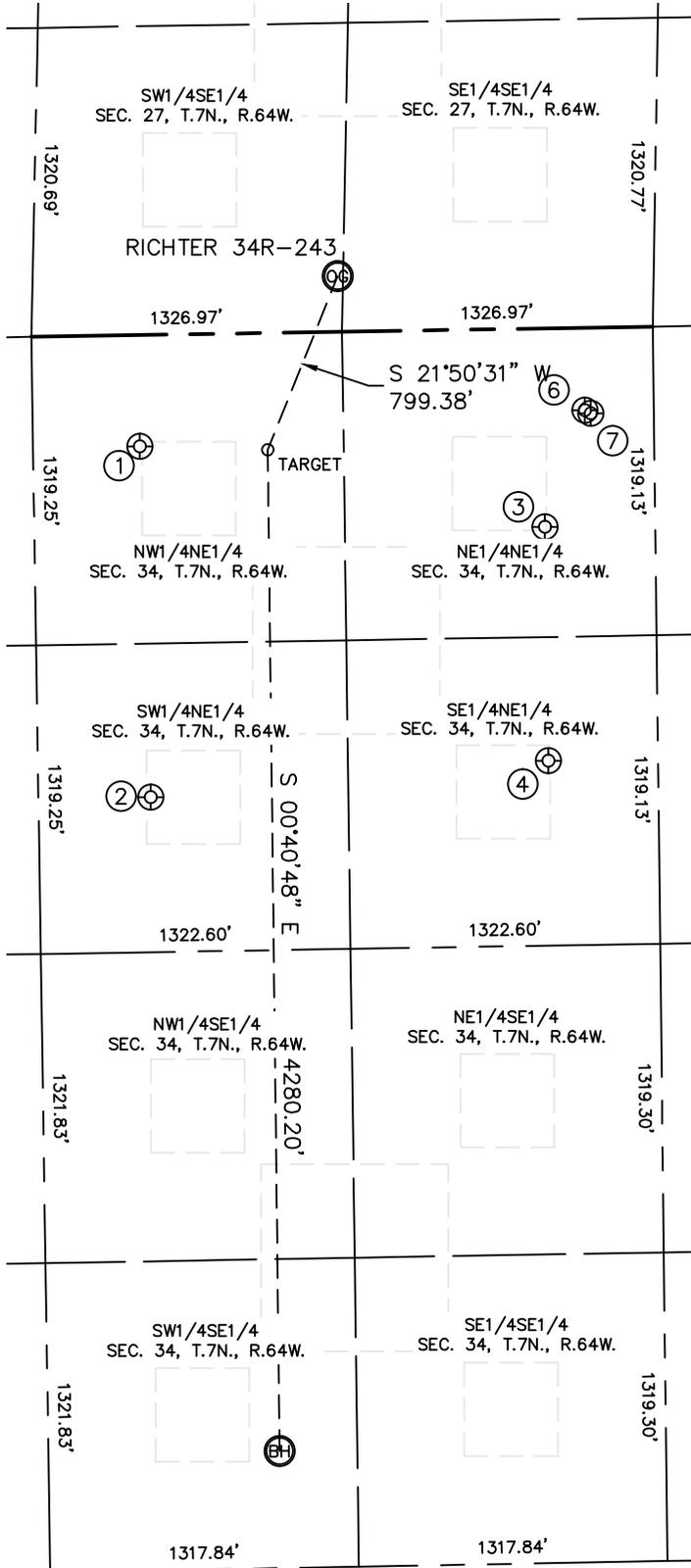
Kyle E. Rutz—On behalf of Lat40, Inc.
Colorado Licensed Professional Land Surveyor No. 38307
DATE: 8/10/2012
PROJECT#: 2011311



SITE SKETCH

RICHTER 34R-243

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'

③
D DYER 41-34
NE1/4NE1/4
848' FNL
472' FEL
LAT-40.53469°N
LONG-104.52845°W
PDOP: 2.1
ELEV: 4865'

④
D DYER 42-34
SE1/4NE1/4
1849' FNL
468' FEL
LAT-40.53194°N
LONG-104.52843°W
PDOP: 2.7
ELEV: 4842'

⑥
DRYER USX AB
35-68-1HN
NE1/4NE1/4
352' FNL
295' FEL
LAT-40.53605°N
LONG-104.52781°W
PDOP: 1.3
ELEV: 4872'

⑦
DRYER USX AB
35-67-1HN
NE1/4NE1/4
367' FNL
269' FEL
LAT-40.53601°N
LONG-104.52772°W
PDOP: 1.8
ELEV: 4872'

