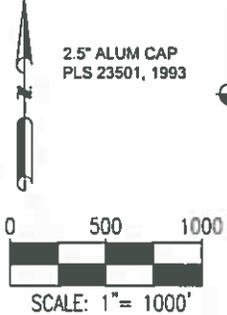
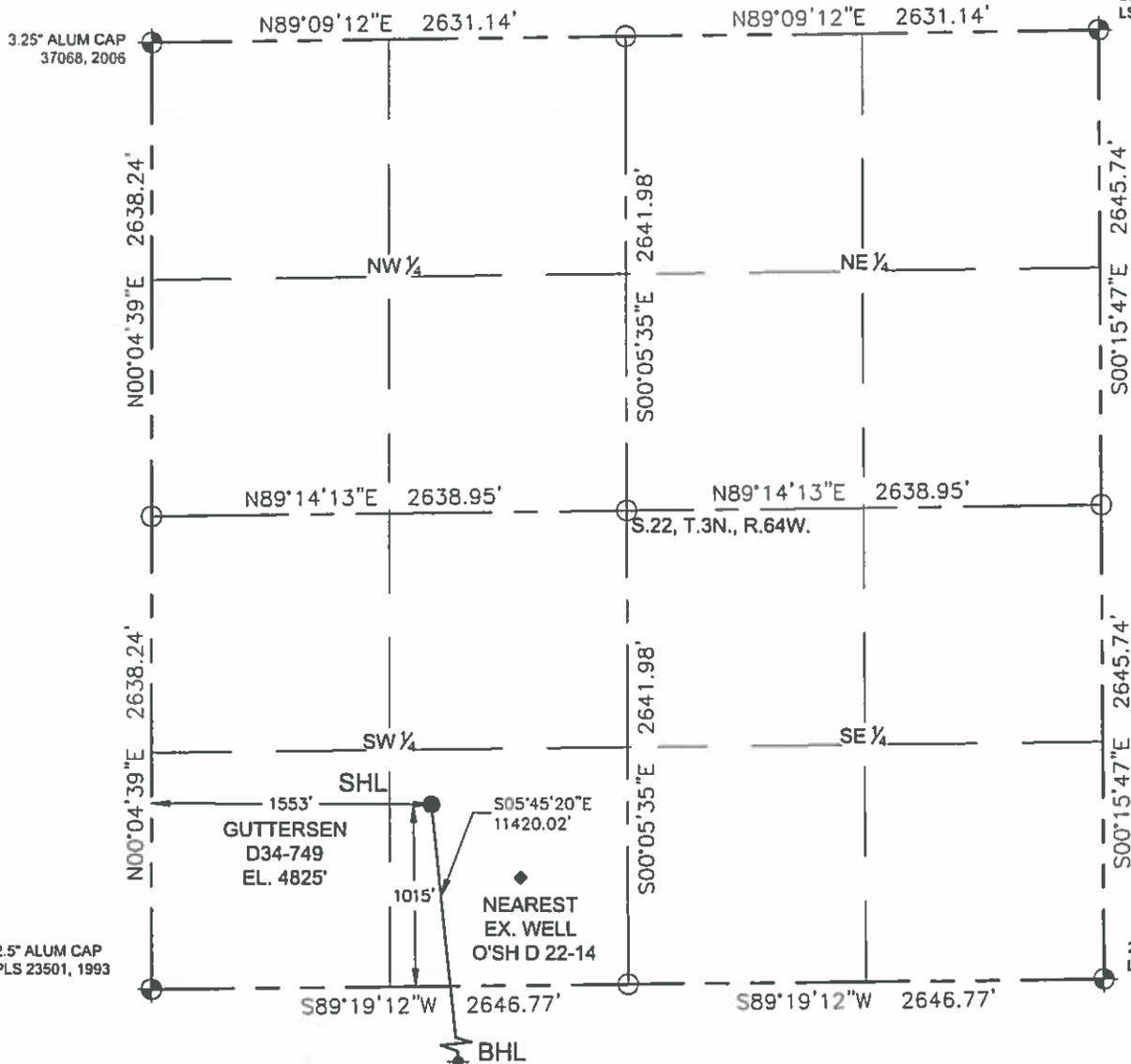


WELL LOCATION EXHIBIT

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22
TOWNSHIP: 3N
RANGE: 64W

2.5" ALUM CAP
LS 23501, 1993



In accordance with a request from Anne Duck with Noble Energy Inc. Ascent Geomatics Solutions has determined the surface location of the GUTTERSEN D34-749 to be 1553' from the WEST line and 1015' from the SOUTH line as measured at right angles from the section line of Section 22, Township 3 North, Range 64 West of the Sixth Principal Meridian, County of Weld, State of Colorado, and the bottom hole to be 2590' from the WEST line and 200' from the SOUTH line as measured at right angles from the section line of Section 34, Township 3 North, Range 64 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

- LEGEND**
- ⊕ = FOUND MONUMENT
 - = CALCULATED POSITION
 - = PROPOSED WELL
 - ⚡ = BOTTOM HOLE
 - ◆ = EXISTING WELL

I hereby state that this Well Location Exhibit was prepared by me, or under my direct supervision, that the fieldwork was completed on 04/11/18 for and on behalf of Noble Energy Inc., that this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for the establishment of fence, building, or other future improvement lines.

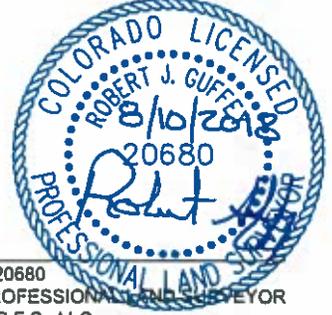
SURFACE LOCATION:
LATITUDE: 40.20641°N
LONGITUDE: 104.54134°W
PDOP: 1.7
ELEV: 4825'
¼ ¼ SE ¼ SW ¼

BOTTOM HOLE:
LATITUDE: 40.17518°N
LONGITUDE: 104.53768°W

- Notes:**
- 1) All bearings are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2011. The lineal dimensions as shown herein are grid distances based upon the "U.S. Survey Foot." To get ground distances multiply shown distance by 1.000238434.
 - 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
 - 3) NEAREST EXISTING WELL IN SECTION 22 IS O'SH D 22-14, 642' SE
 - 4) IMPROVEMENTS: See LOCATION DRAWING exhibit for all visible improvements within 500' of disturbed area.
 - 5) SURFACE USE: "RANGELAND"
 - 6) INSTRUMENT OPERATOR: AARON RIVERA

NEAREST CULTURAL ITEMS (GIS LAND POSITION):
BUILDING 5280'+
BUILDING UNIT 5280'+
HIGH OCCUPANCY BUILDING UNIT 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA 5280'+
PUBLIC ROAD 5280'+ (WCR 32)
ABOVE GROUND UTILITY 5280'+
RAILROAD 5280'+
PROPERTY LINE 1015' S

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 first 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 this certification shown hereon. (13-80-105 C.R.S.)



ROBERT J. GUFFEY, PLS 20680
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC
d b a. ASCENT GEOMATICS SOLUTIONS

SHEET 1 OF 3
FIELD DATE: 04-11-18
DRAWING DATE: 08-09-18
DRAWN BY: RMC
CHECKED BY: MMP

WELL LOCATION EXHIBIT

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 22
TOWNSHIP: 3N
RANGE: 64W

2.5" ALUM CAP
PLS 23501, 1993

2.5" ALUM CAP
LS 23501, 1993

GUTTERSEN
D34-749
EL. 4825'

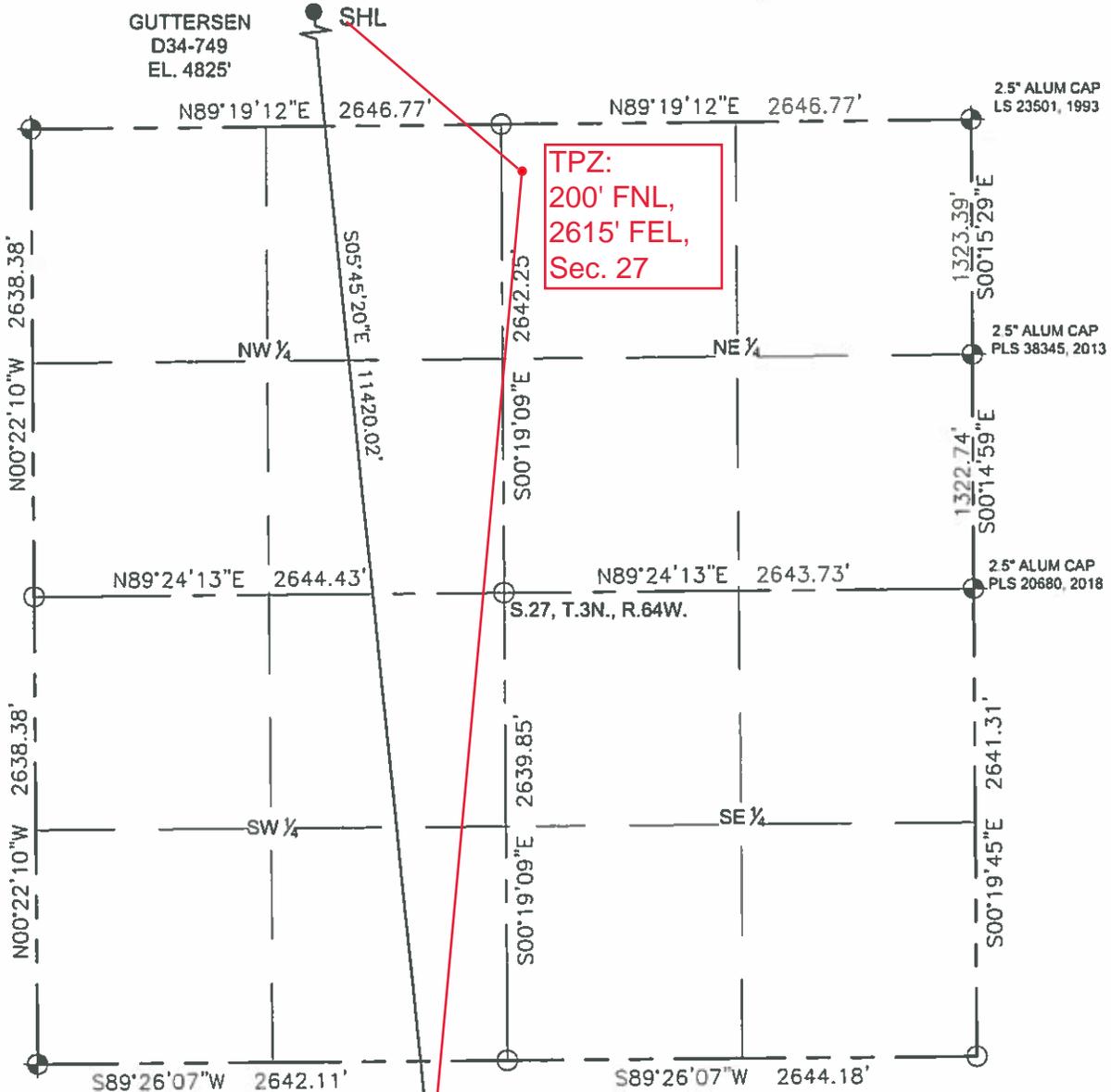
SHL

TPZ:
200' FNL,
2615' FEL,
Sec. 27

2.5" ALUM CAP
PLS 38345, 2013

2.5" ALUM CAP
PLS 20680, 2018

2.5" ALUM CAP
LS 25301, 1993



BHL

0 500 1000

SCALE: 1" = 1000'

LEGEND

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- ◆ = EXISTING WELL

SHEET 2 OF 3

FIELD DATE:
04-11-18

DRAWING DATE:
08-09-18

DRAWN BY:
RMC

CHECKED BY:
MMP

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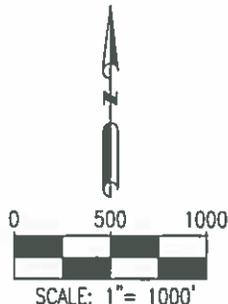
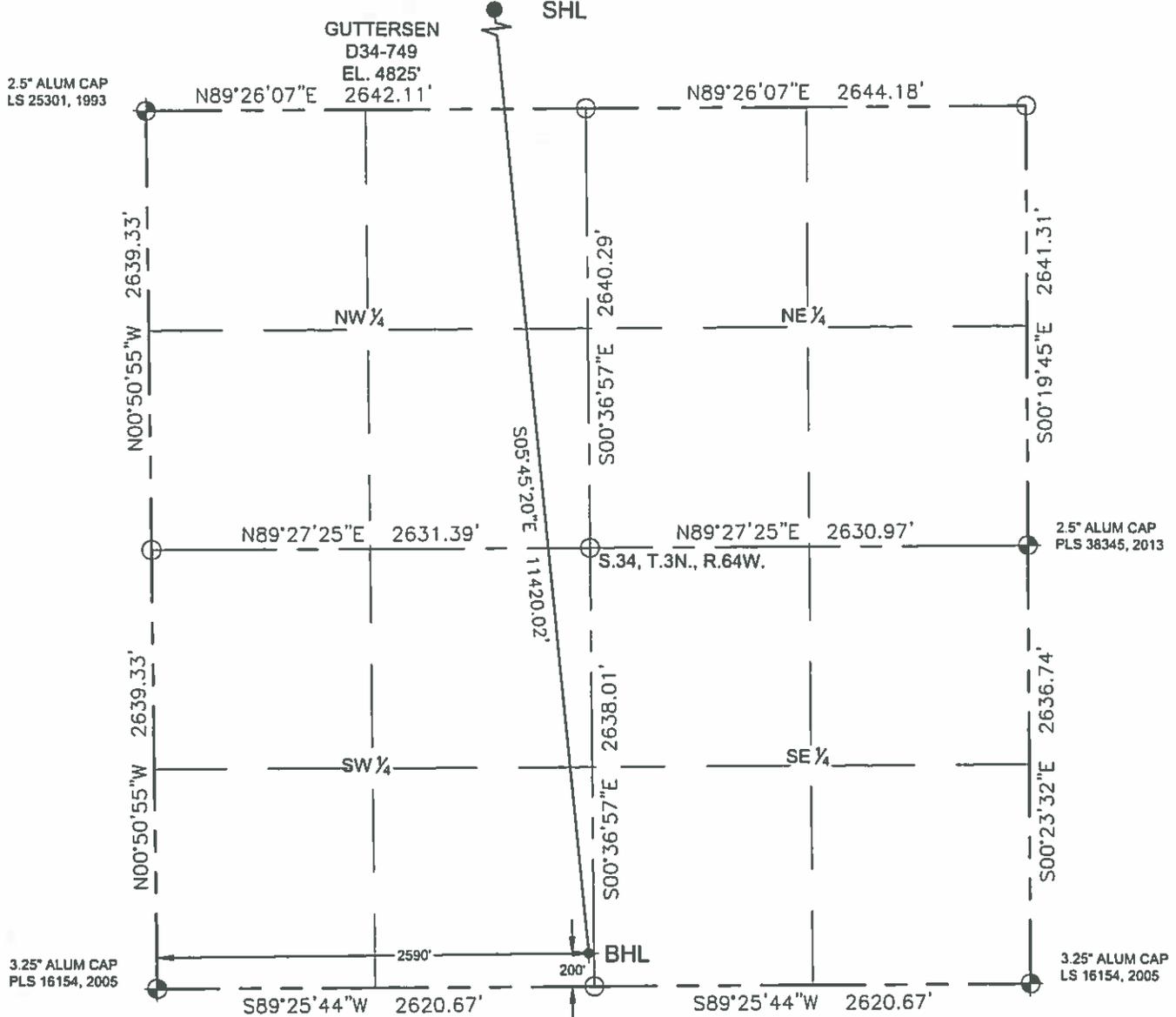


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WELL LOCATION EXHIBIT

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SECTION: 22
TOWNSHIP: 3N
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SHEET 3 OF 3

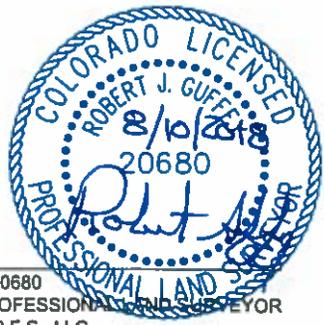
FIELD DATE: 04-11-18

DRAWING DATE: 08-09-18

DRAWN BY: RMC

CHECKED BY: MMP

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