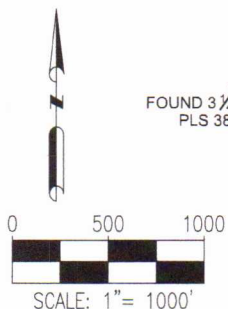
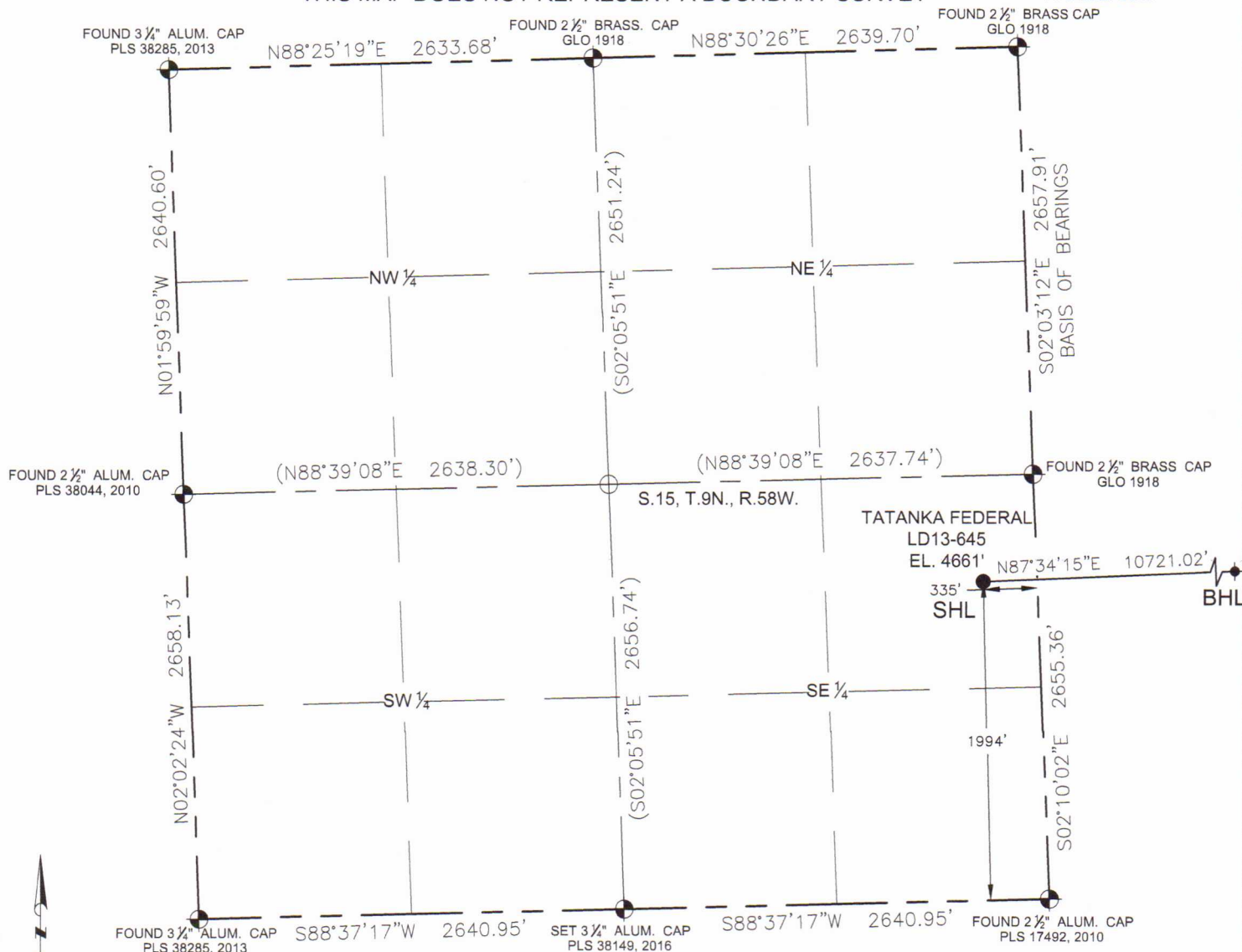


# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 15  
TOWNSHIP: 9N  
RANGE: 58W



In accordance with a request from Cody Ball with Noble Energy Inc.

Petroleum Field Services, LLC has determined the surface location of the TATANKA FEDERAL LD13-645 to be 335' from the EAST line and 1994' from the SOUTH line as measured at right angles from the section line of Section 15, Township 9 North, Range 58 West of the Sixth Principal Meridian, County of Weld, State of Colorado, and the bottom hole to be 140' from the EAST line and 2180' from the SOUTH line as measured at right angles from the section line of Section 13, Township 9 North, Range 58 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

## LEGEND

- = FOUND MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = BOTTOM HOLE
- ◆ = EXISTING WELL
- (XXX.XX) = CALCULATED

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 10/20/16 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.

### Notes:

- 1) All bearings are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2011. The bearing of the East line of the Northeast Quarter of Section 15 is S02°03'12"E between the monuments shown herein. 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 SHL 1/4 IS: N/A
- 4) IMPROVEMENTS: See LOCATION DRAWING exhibit for all visible improvements within 500' of disturbed area.
- 5) SURFACE USE: "RANGELAND"
- 6) INSTRUMENT OPERATOR: AARON RIVERA

### 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.)

SURFACE LOCATION:  
LATITUDE: 40.74959°N  
LONGITUDE: 103.84182°W  
PDOP: 1.3  
ELEV: 4661'  
1/4 1/4: NE 1/4 SE 1/4

BOTTOM HOLE:  
LATITUDE: 40.75028°N  
LONGITUDE: 103.80314°W

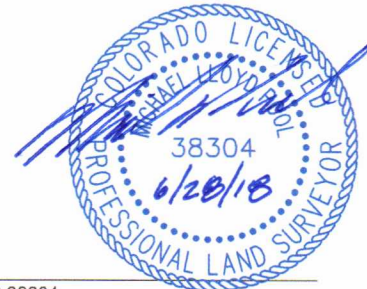
SHEET 1 OF 3

FIELD  
DATE:  
10-20-16

DRAWING  
DATE:  
06-27-18

DRAWN BY:  
CSG

CHECKED BY:  
KAD

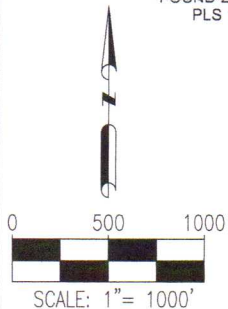
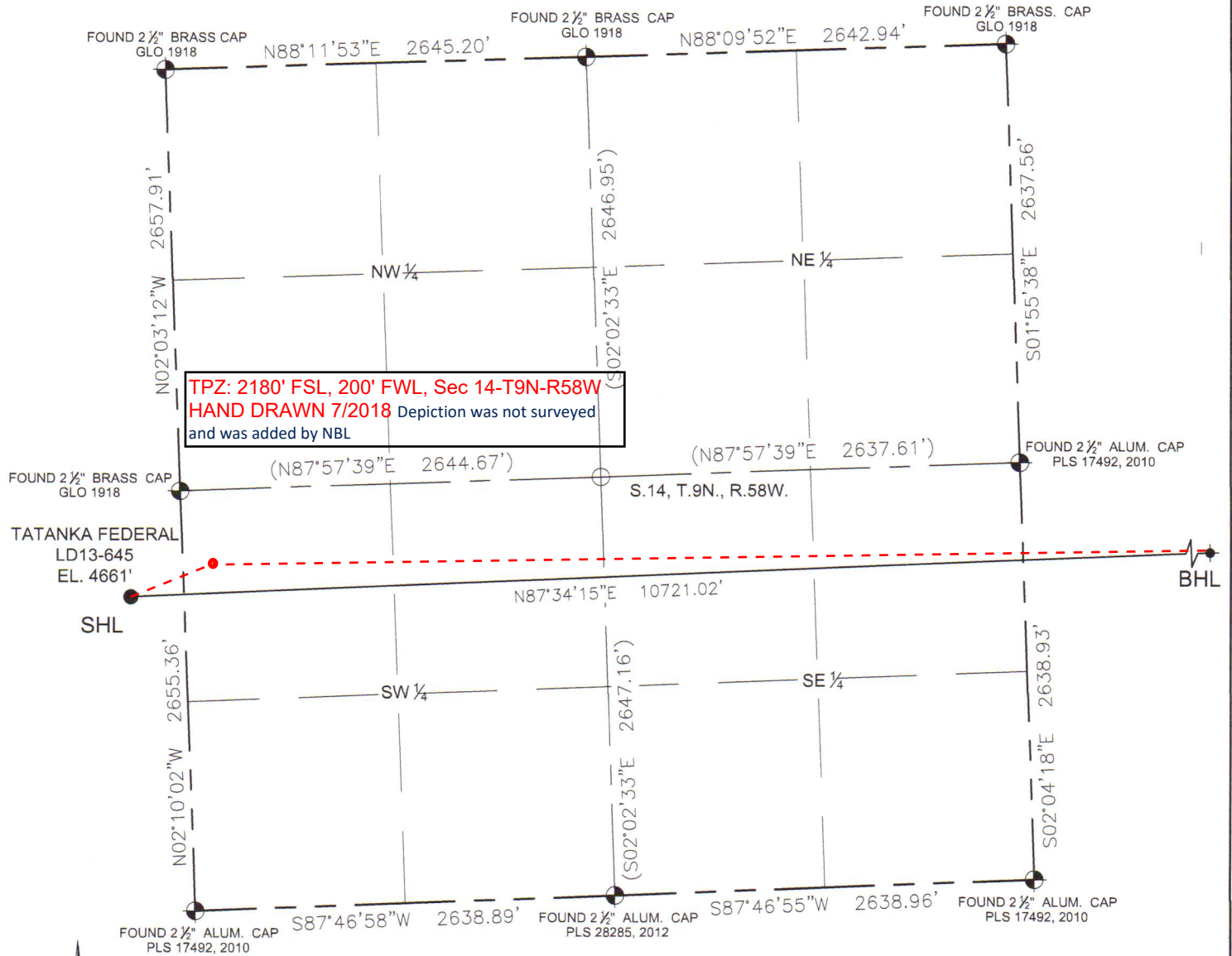


MICHAEL L. POOL, PLS 38304  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 15  
TOWNSHIP: 9N  
RANGE: 58W



## LEGEND

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SHEET 2 OF 3

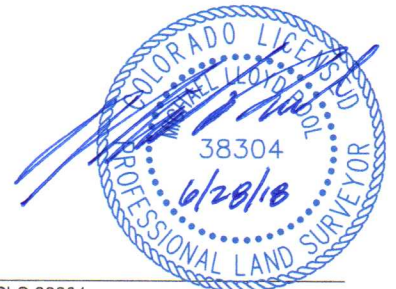
FIELD  
DATE:  
10-20-16

DRAWING  
DATE:  
06-27-18

DRAWN BY:  
CSG

CHECKED BY:  
KAD

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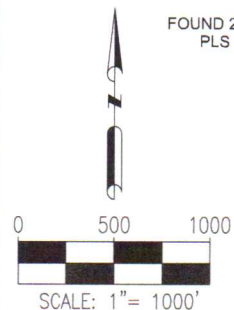
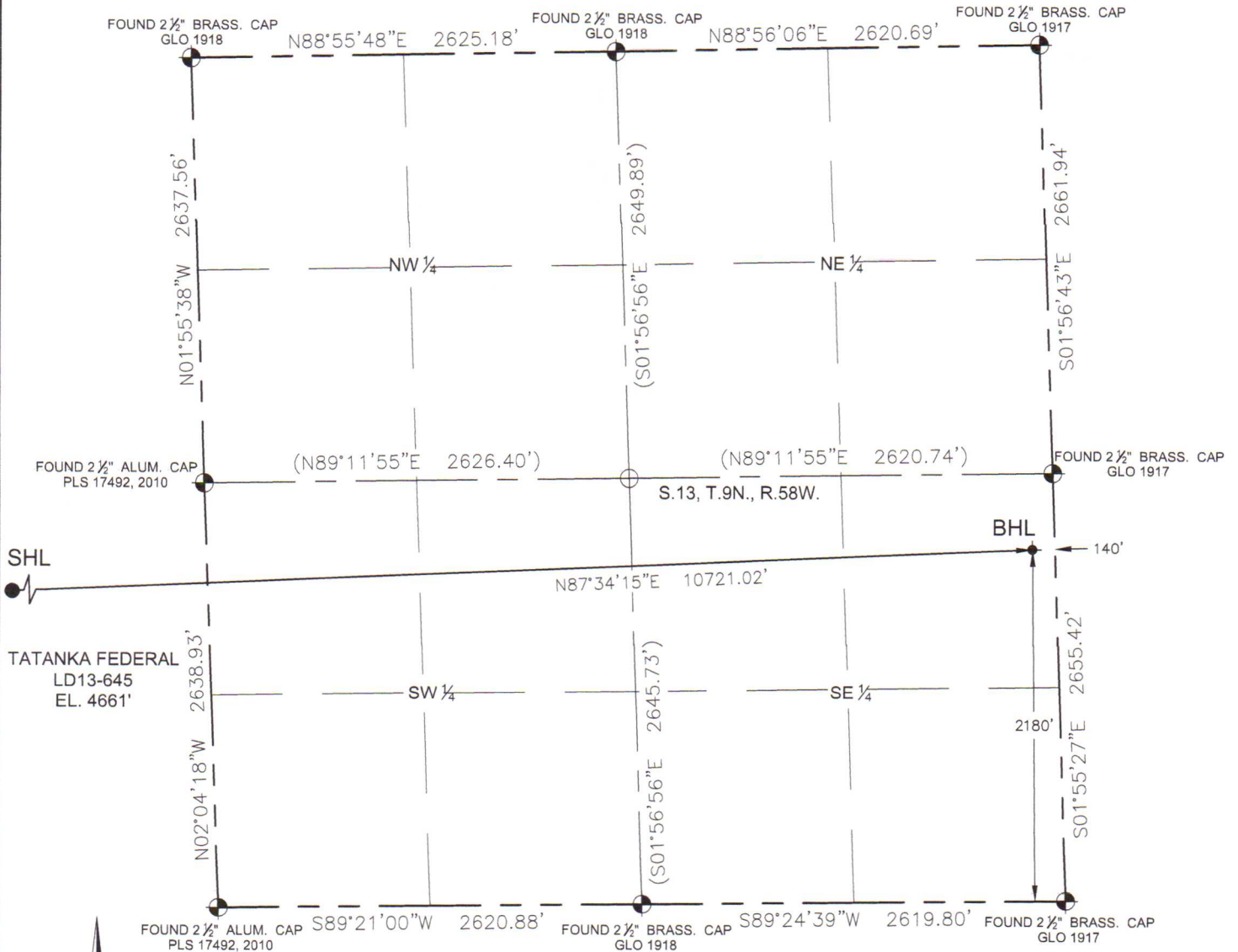
MICHAEL L. POOL, PLS 38304  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
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# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 15  
TOWNSHIP: 9N  
RANGE: 58W



SHEET 3 OF 3

FIELD  
DATE:  
10-20-16

DRAWING  
DATE:  
06-27-18

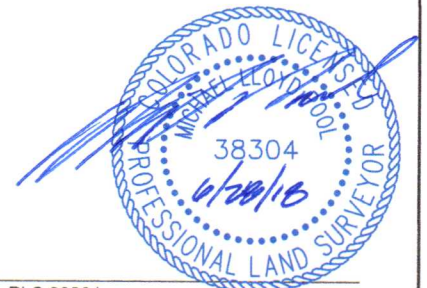
DRAWN BY:  
CSG

CHECKED BY:  
KAD

- LEGEND**
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  - = PROPOSED WELL
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  - (XXX.XX) = CALCULATED

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