

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 5
TOWNSHIP: 9N
RANGE: 58W



Approximate Top of Producing Zone:
200' FNL, 1980' FWL, Sec 8, T9N- R58W.
HAND DRAWN 6/25/2018
Depiction was not surveyed and was added by NBL

APPROVED
By Well Engineer at 5:02 pm, Jun 26, 2018

STARS FEDERAL
LD17-760
EL. 4834'

NEAREST EX.
WELL HESTON
LD06-625

BASIS OF BEARINGS

In accordance with a request from Cody Ball with Noble Energy Inc. Petroleum Field Services, LLC has determined the surface location of the STARS FEDERAL LD17-760 to be 1166' from the WEST line and 285' from the SOUTH line as measured at right angles from the section line of Section 5, Township 9 North, Range 58 West of the Sixth Principal Meridian, County of Weld, State of Colorado, and the bottom hole to be 1980' from the WEST line and 460' from the NORTH line as measured at right angles from the section line of Section 17, Township 9 North, Range 58 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

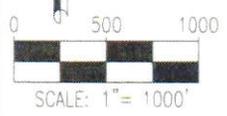
I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 04/14/16 for and on behalf of Noble Energy Inc., that this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for the establishment 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 South line of the Southeast Quarter of Section 5 is S88°19'35"W between the monuments shown hereon. 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 05 IS: HESTON LD06-625, 3774' NE
 - 4) IMPROVEMENTS: See LOCATION DRAWING exhibit for all visible improvements within 500' of disturbed area
 - 5) SURFACE USE: "RANGELAND"
 - 6) INSTRUMENT OPERATOR: BEN MILIUS
 - 7) Field verification of monuments completed within 1 year of field date.
- 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.)

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

SURFACE LOCATION:
LATITUDE: 40.77381°N
LONGITUDE: 103.89361°W
PDOP: 1.4
ELEV: 4834'
¼ SW ¼ SW ¼

BOTTOM HOLE:
LATITUDE: 40.75721°N
LONGITUDE: 103.89063°W



SHEET 1 OF 3

FIELD DATE:	04-14-16
DRAWING DATE:	06-14-18
DRAWN BY:	CSG
CHECKED BY:	IJM

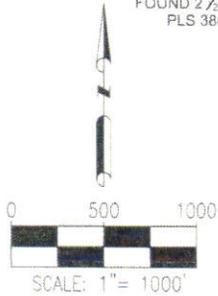
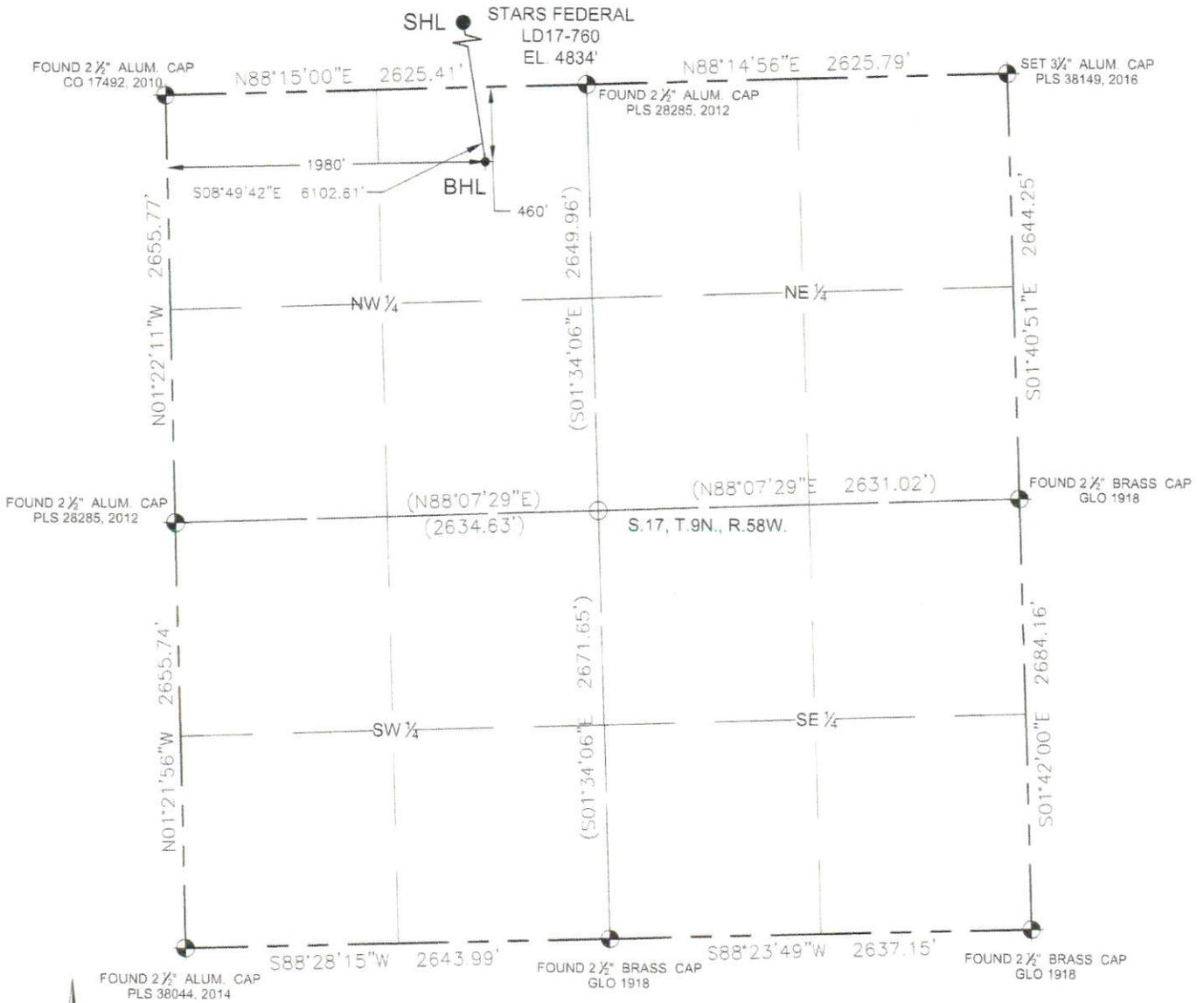


MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

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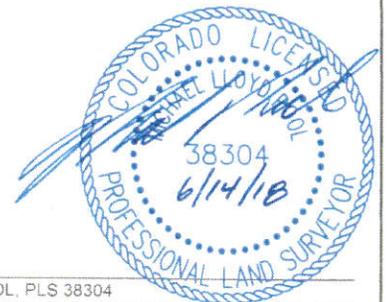
SHEET 3 OF 3

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