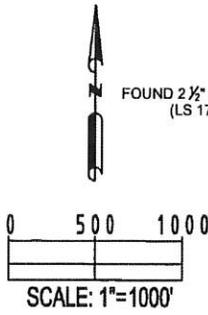
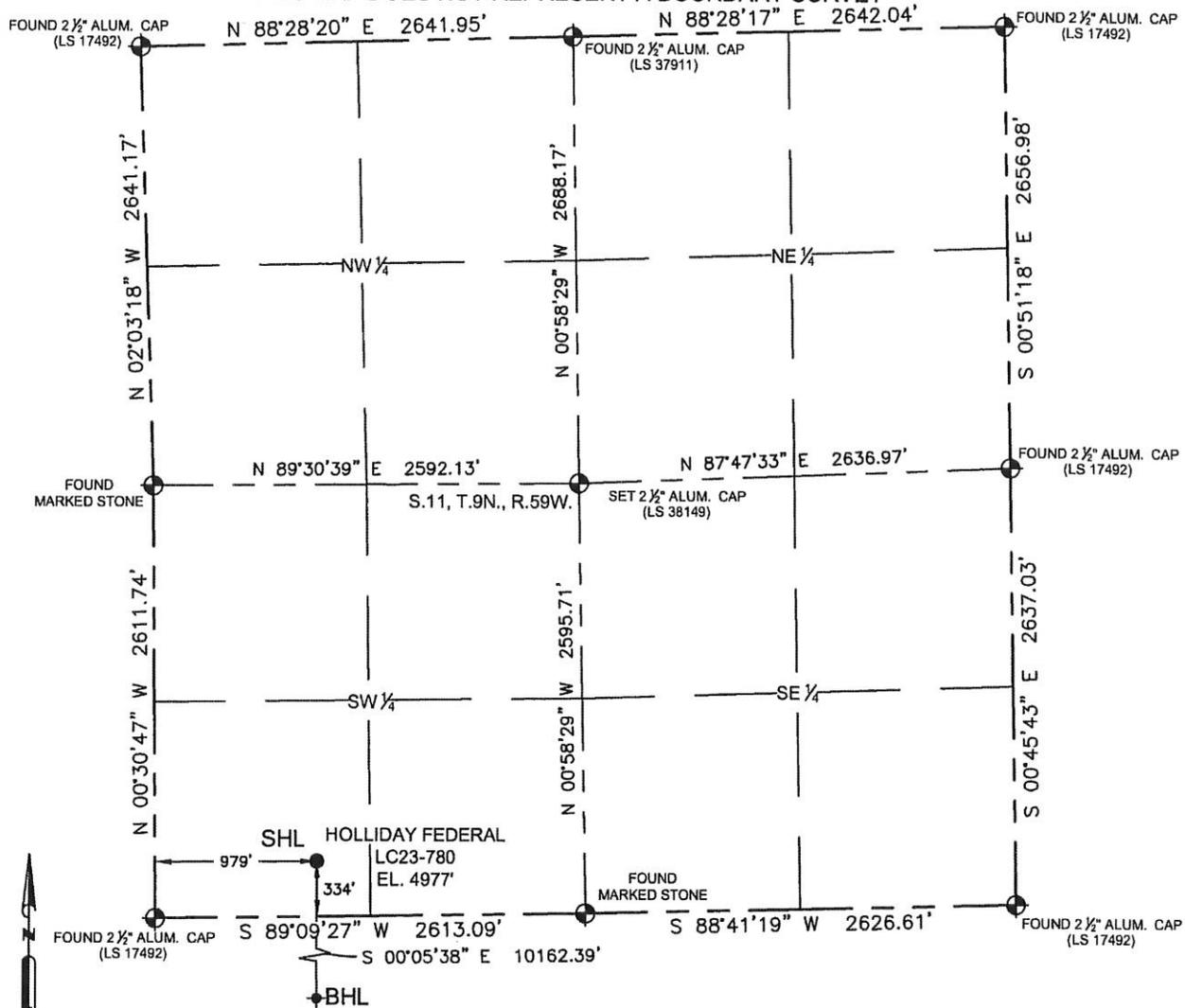


WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 11
TOWNSHIP: 9N
RANGE: 59W



In accordance with a request from Cody Ball with Noble Energy Inc. Petroleum Field Services, LLC has determined the surface location of the HOLLIDAY FEDERAL LC23-780, to be 334' from the SOUTH line and 979' from the WEST line as measured at right angles from the section line of Section 11, Township 9 North, Range 59 West of the Sixth Principal Meridian, County of Weld, State of Colorado, and the bottom hole to be 810' from the SOUTH line and 770' from the WEST line as measured at right angles from the section line of Section 23, Township 9 North, Range 59 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 Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 04/23/14 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: 40.75915°N
LONGITUDE: 103.95125°W
PDOP: 5.6
ELEV: 4977'
¼ ¼: SW¼SW¼

BOTTOM HOLE:
LATITUDE: 40.73126°N
LONGITUDE: 103.95183°W

- Notes:
- 1) Bearings shown 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 1.000240741.
 - 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
 - 3) NEAREST EXISTING WELL IN SECTION 11 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: OWEN MCKEE

NEAREST CULTURAL ITEMS:
BUILDING 5280+
BUILDING UNIT 5280+
HIGH OCCUPANCY BUILDING UNIT 5280+
DESIGNATED OUTSIDE ACTIVITY AREA 5280+
PUBLIC ROAD 4253' E
ABOVE GROUND UTILITY 266' S
RAILROAD 5280+
PROPERTY LINE 334' S

SHEET 1 OF 3

FIELD DATE:	04-23-14
DRAWING DATE:	06-18-15
DRAWN BY:	FMB
CHECKED BY:	CSG

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. (13-90-105 C.R.S.)

JACOB STONE FRISCH, SLS 38149
DATE: 07-21-15
JOB NO: B15.NOB.0014
FOR AND ON BEHALF OF P.F.S. LLC

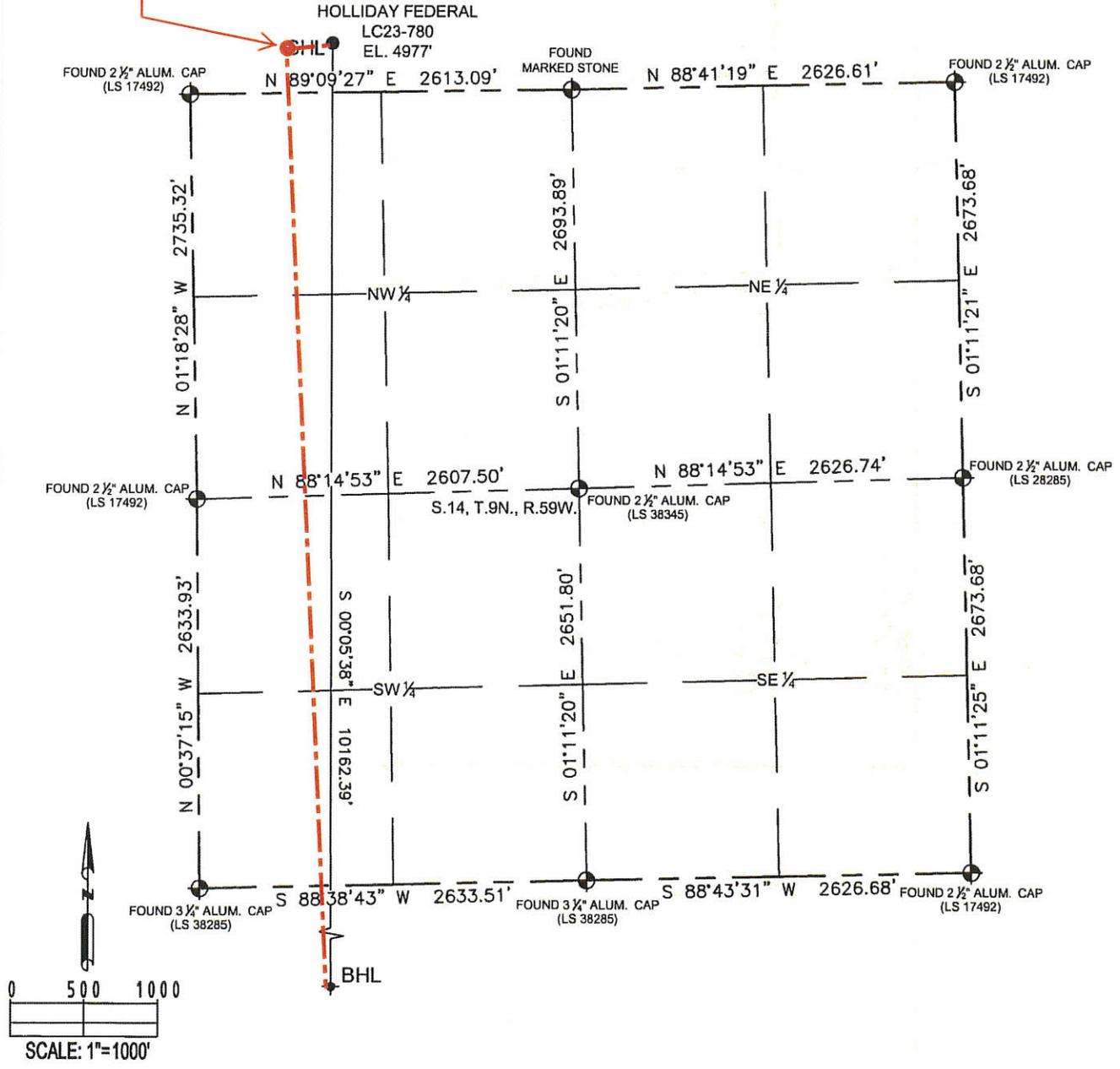


Approximate Top of Producing Zone:
300' FSL, 771' FWL,
Sec. 11, T9N-R59W
HAND DRAWN 8/2/2016

WELL LOCATION CERTIFICATE

SECTION: 11
TOWNSHIP: 9N
RANGE: 59W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



LEGEND

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- = CALCULATED POINT
- = PROPOSED WELL
- ◆ = BOTTOM HOLE
- ◆ = EXISTING WELL

SHEET 2 OF 3
FIELD DATE: 04-23-14
DRAWING DATE: 06-18-15
DRAWN BY: FMB
CHECKED BY: CSG

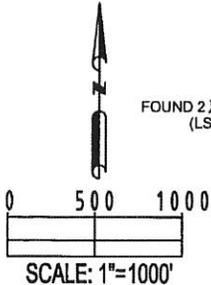
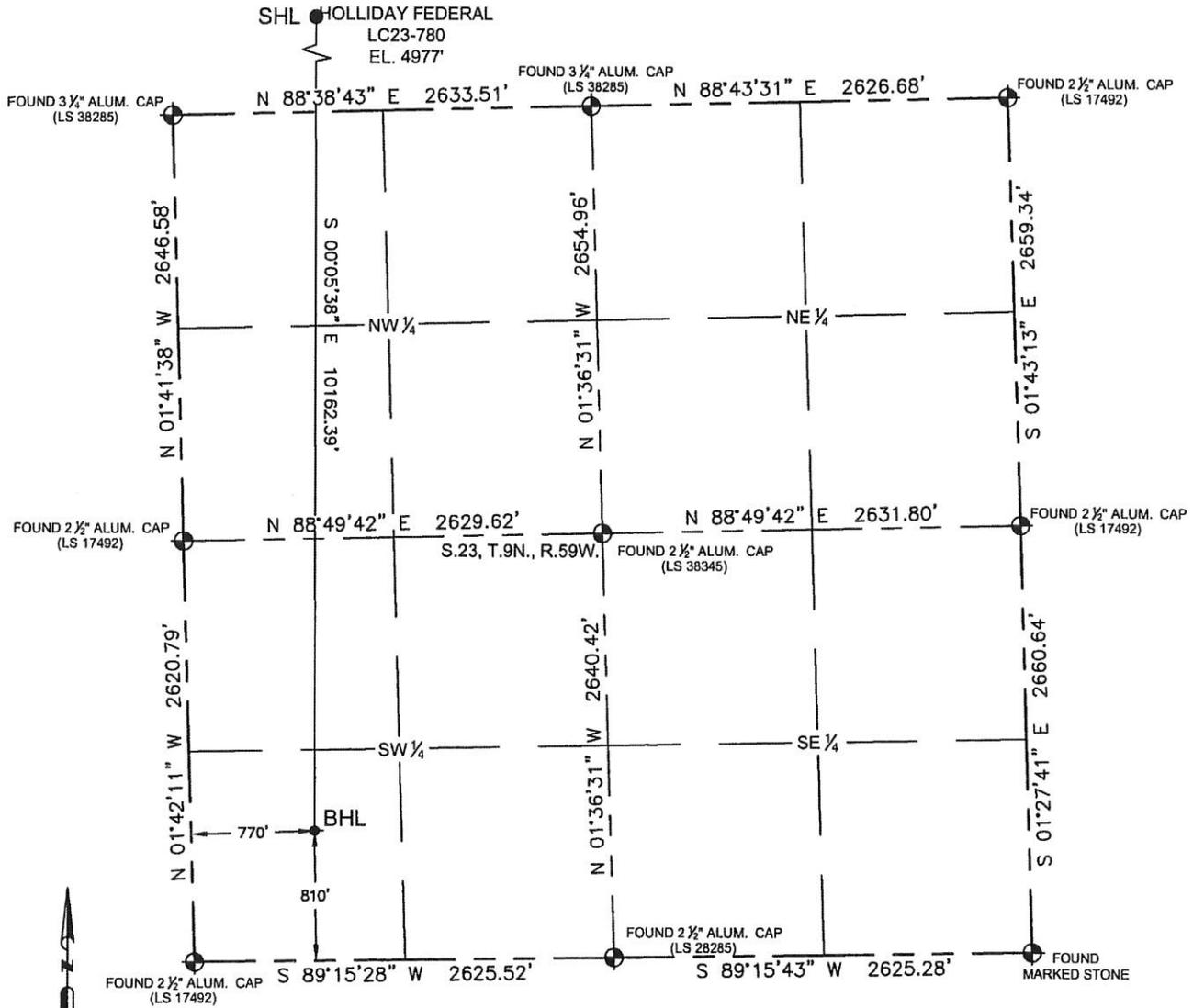
Note:
According to Colorado law, you must commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of this certification shown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

JACOB STONE FRISCH, P.L.S. 38149
DATE: 07-21-15
JOB NO: B15.NOB.0014
FOR AND ON BEHALF OF

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 11
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LEGEND

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- = PROPOSED WELL
- ◆ = BOTTOM HOLE
- ◆ = EXISTING WELL

SHEET 3 OF 3

FIELD DATE: 04-23-14

DRAWING DATE: 06-18-15

DRAWN BY: FMB

CHECKED BY: CSG

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.)

JACOB STONE FRISCH, P.L.S. 38149
DATE: 07-21-15
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