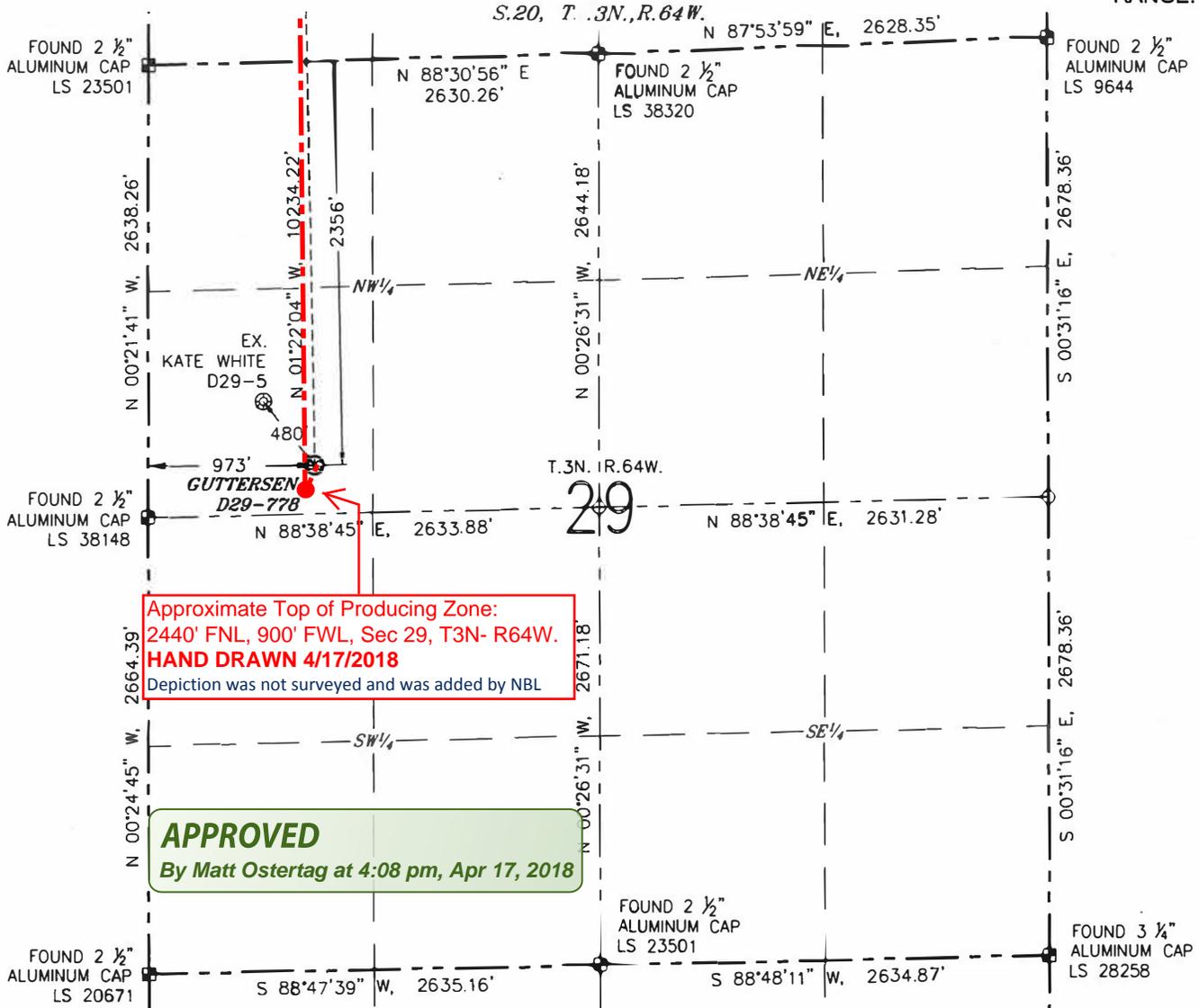


# WELL LOCATION CERTIFICATE

**GUTTERSEN D29-778**  
(SHEET 1 OF 3)

SECTION: 29  
TOWNSHIP: 3N  
RANGE: 64W



Approximate Top of Producing Zone:  
2440' FNL, 900' FWL, Sec 29, T3N- R64W.  
**HAND DRAWN 4/17/2018**  
Depiction was not surveyed and was added by NBL

**APPROVED**  
By Matt Ostertag at 4:08 pm, Apr 17, 2018

**NOTES:**

- BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83. THE LINEAL DIMENSIONS SHOWN HEREON ARE BASED UPON THE "U.S. SURVEY FOOT".
- GROUND ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM COMPUTED USING GEOID09.
- IMPROVEMENTS: SEE LOCATION DRAWING FOR ALL VISIBLE IMPROVEMENTS WITHIN 500' OF THE DISTURBED AREA.
- SURFACE USE: RANGELAND.
- INSTRUMENT OPERATOR: JASON DOW-PETERSON.
- THE NEAREST EXISTING WELL: KATE WHITE D29-5, 480' NW.

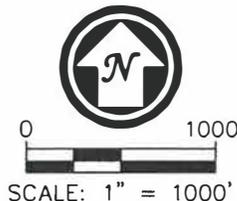
IN ACCORDANCE WITH A REQUEST FROM MATT CAMPBELL WITH NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE GUTTERSEN D29-778 WELL TO BE 2356' FROM THE NORTH LINE AND 973' FROM THE WEST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 29, TOWNSHIP 3 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 2565' FROM THE SOUTH LINE AND 788' FROM THE WEST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 17, TOWNSHIP 3 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 02/21/2018, FOR AND ON BEHALF OF NOBLE ENERGY INC., THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCES, BUILDINGS, OR OTHER FUTURE IMPROVEMENT LINES.

SURFACE HOLE LOCATION  
LATITUDE: N 40.19702°  
LONGITUDE: W 104.58110°  
PDOP: 1.2  
ELEVATION: 4784'  
¼-¼: SW¼NW¼

BOTTOM HOLE LOCATION  
LATITUDE: N 40.22511°  
LONGITUDE: W 104.58159°

- LEGEND**
- ⊗ PROPOSED WELL
  - ⊙ EXISTING WELL
  - ⊕ BOTTOM HOLE
  - ⊠ FOUND MONUMENT
  - CALCULATED POSITION



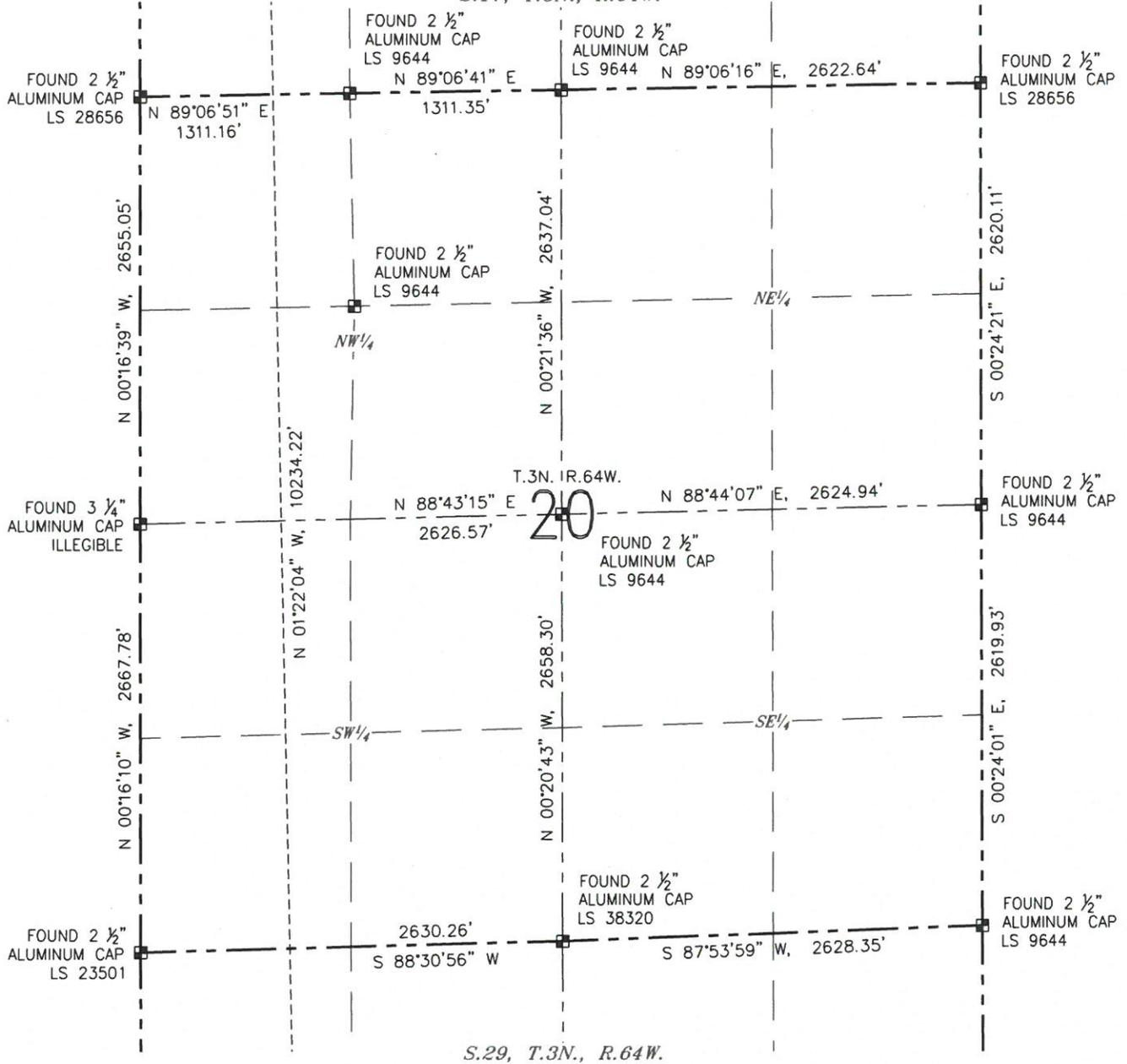
STACY LYNN BALZER, PLS 38495  
FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC. DATE: 03/15/2018  
JOB #: NE17302

# WELL LOCATION CERTIFICATE

**GUTTERSEN D29-778**  
(SHEET 2 OF 3)

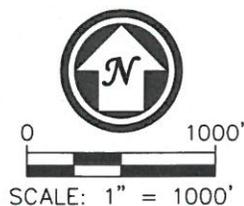
SECTION: 29  
TOWNSHIP: 3N  
RANGE: 64W

*S.17, T.3N., R.64W.*



**LEGEND**

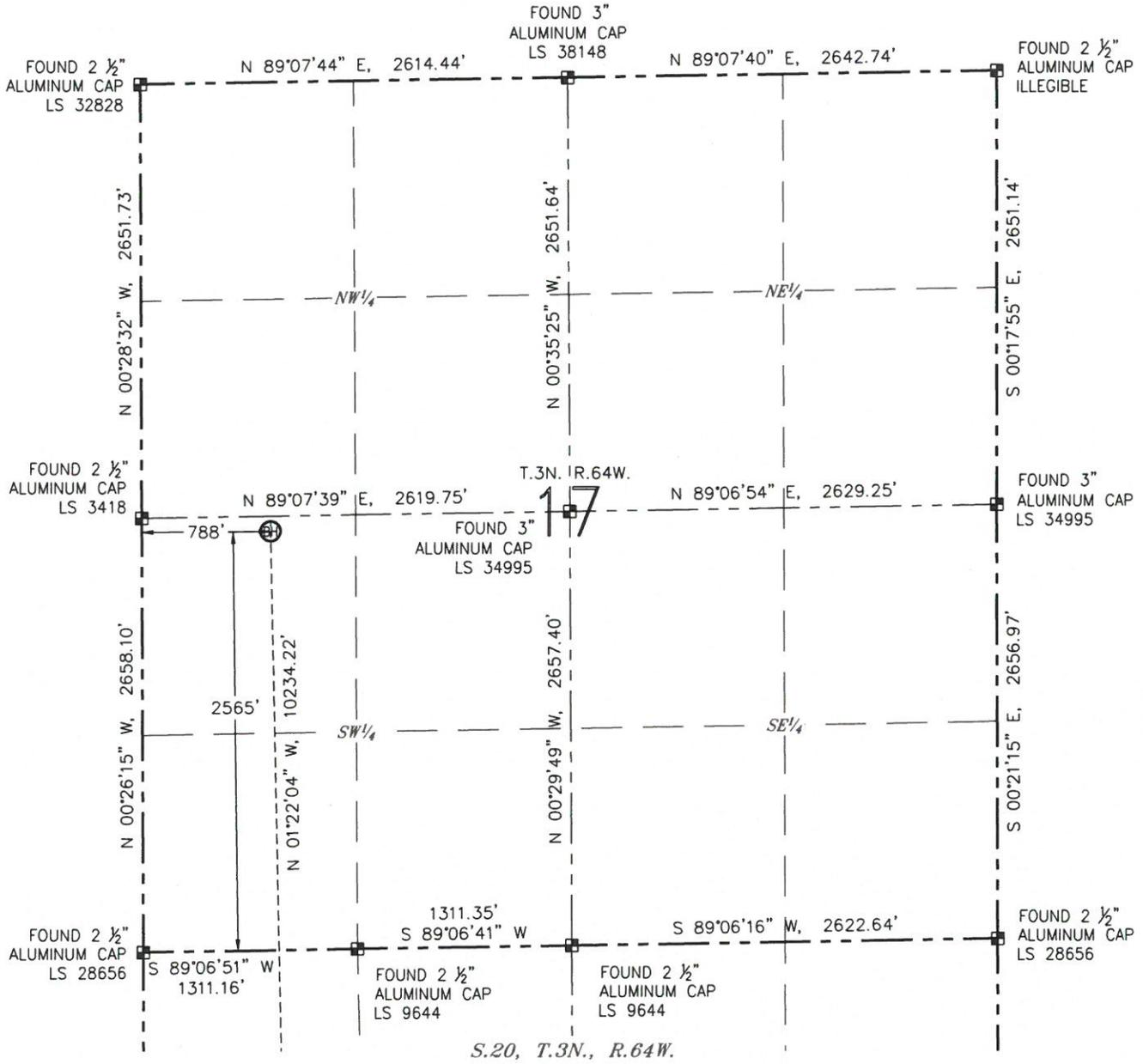
- ⊗ PROPOSED WELL
- ⊙ EXISTING WELL
- ⊕ BOTTOM HOLE
- FOUND MONUMENT
- CALCULATED POSITION



# WELL LOCATION CERTIFICATE

**GUTTERSEN D29-778**  
(SHEET 3 OF 3)

SECTION: 29  
TOWNSHIP: 3N  
RANGE: 64W



**LEGEND**

- ⊗ PROPOSED WELL
- ⊙ EXISTING WELL
- ⊕ BOTTOM HOLE
- FOUND MONUMENT
- CALCULATED POSITION



0 1000'

SCALE: 1" = 1000'