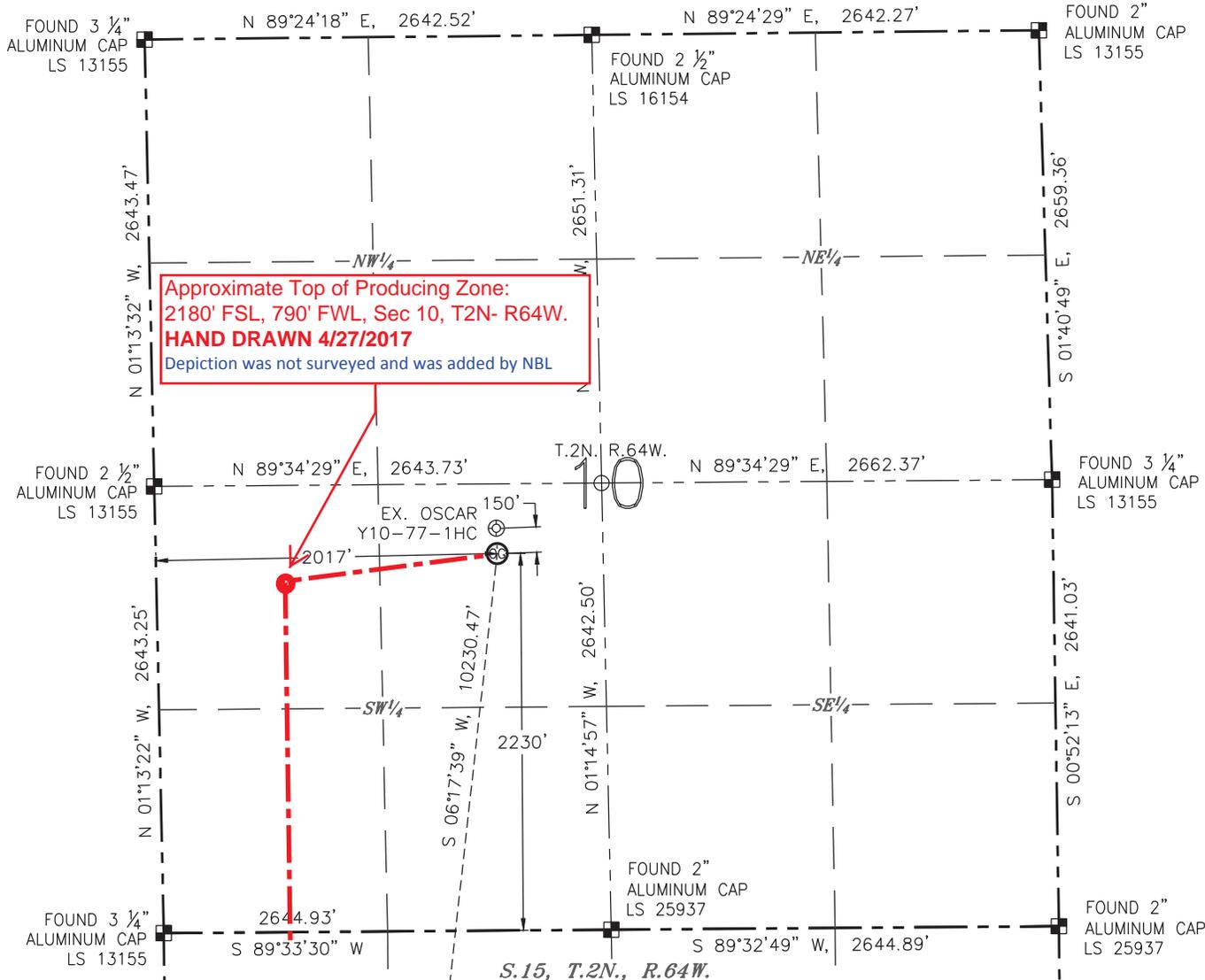


# WELL LOCATION CERTIFICATE

**BISON RIDGE Y22-779**  
(SHEET 1 OF 3)

SECTION: 10  
TOWNSHIP: 2N  
RANGE: 64W



**NOTES:**

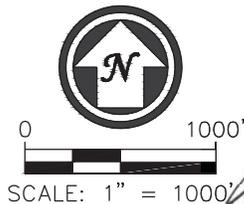
- BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83. THE LINEAL DIMENSIONS SHOWN HEREON ARE BASED UPON THE "U.S. SURVEY FOOT".
- GROUND ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM COMPUTED USING GEOID09.
- IMPROVEMENTS: SEE LOCATION DRAWING FOR ALL VISIBLE IMPROVEMENTS WITHIN 500' OF THE DISTURBED AREA.
- SURFACE USE: PASTURE.
- INSTRUMENT OPERATOR: FLORIAN DUERSELEN.
- THE NEAREST EXISTING WELL: OSCAR Y10-77-1HC, 150' N.

IN ACCORDANCE WITH A REQUEST FROM TYLER BEAVERS WITH NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE BISON RIDGE Y22-779 WELL TO BE 2230' FROM THE SOUTH LINE AND 2017' FROM THE WEST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 10, TOWNSHIP 2 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 2640' FROM THE SOUTH LINE AND 739' FROM THE WEST LINE AS MEASURED AT RIGHT ANGLES FROM THE SECTION LINES OF SECTION 22, TOWNSHIP 2 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 02/07/17, 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 |              | BOTTOM HOLE LOCATION |              |
|-----------------------|--------------|----------------------|--------------|
| LATITUDE:             | N 40.15183°  | LATITUDE:            | N 40.12395°  |
| LONGITUDE:            | W 104.53985° | LONGITUDE:           | W 104.54425° |
| PDOP:                 | 1.7          |                      |              |
| ELEVATION:            | 4930'        |                      |              |
| ¼-¼:                  | NE¼SW¼       |                      |              |

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



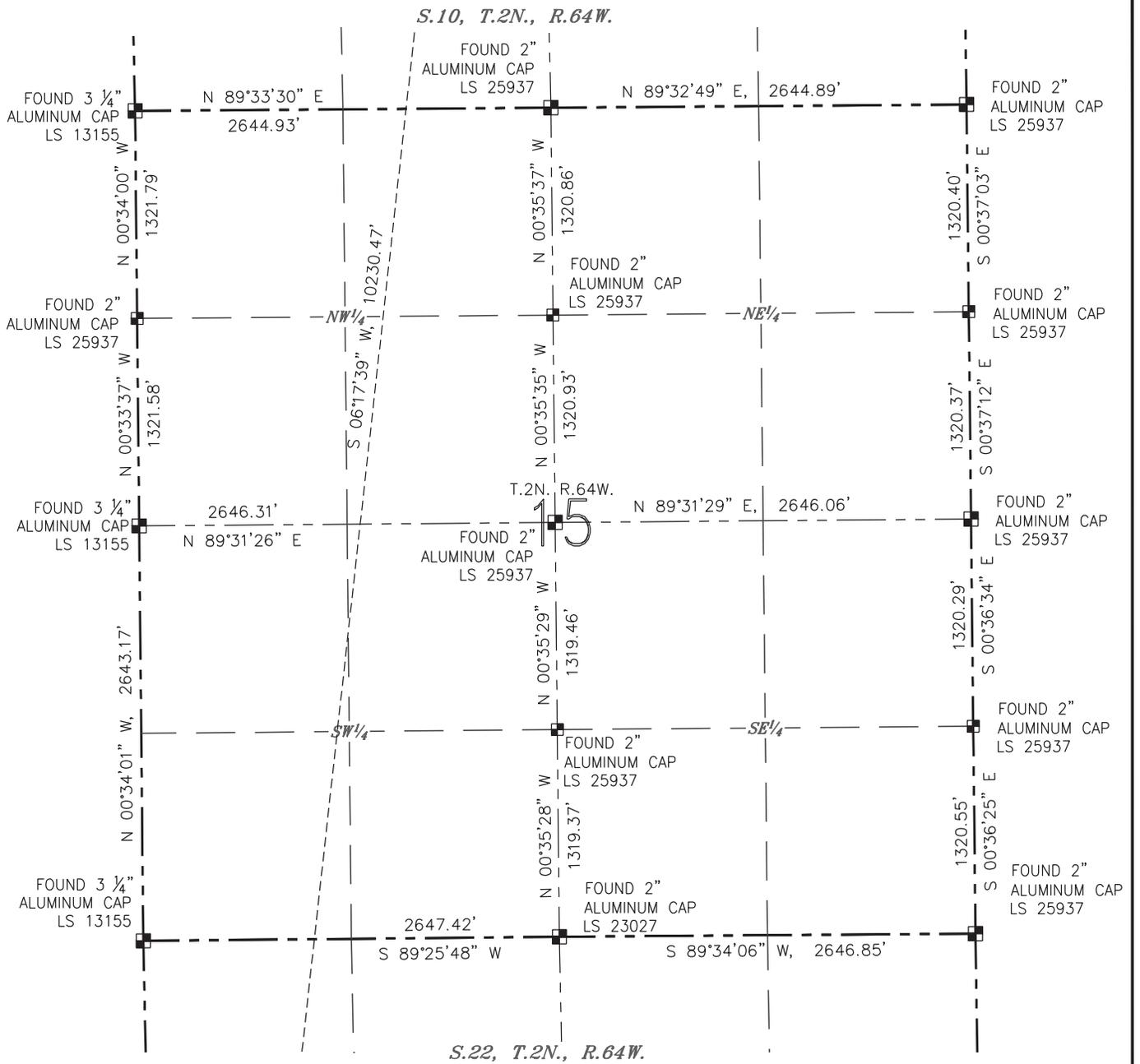
| MEASURED FROM THE | BUILDING | BUILDING UNIT | HIGH OCCUPANCY BUILDING UNIT | DESIGNATED OUTSIDE ACTIVITY AREA | PUBLIC ROAD      | ABOVEGROUND UTILITY | RAILROAD | PROPERTY LINE |
|-------------------|----------|---------------|------------------------------|----------------------------------|------------------|---------------------|----------|---------------|
| PROPOSED WELLHEAD | 2537' SW | 3230' SE      | 5280'+                       | 5280'+                           | 2987' SW (CR 55) | 1938' W             | 5280'+   | 2017' W       |

ANTONIO W. SMITH, PLS 38320  
FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC.  
DATE: 02/10/2017  
JOB #: NE16303

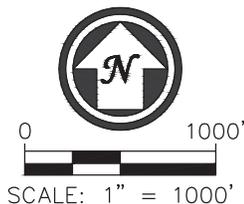
# WELL LOCATION CERTIFICATE

**BISON RIDGE Y22-779**  
(SHEET 2 OF 3)

SECTION: 10  
TOWNSHIP: 2N  
RANGE: 64W



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

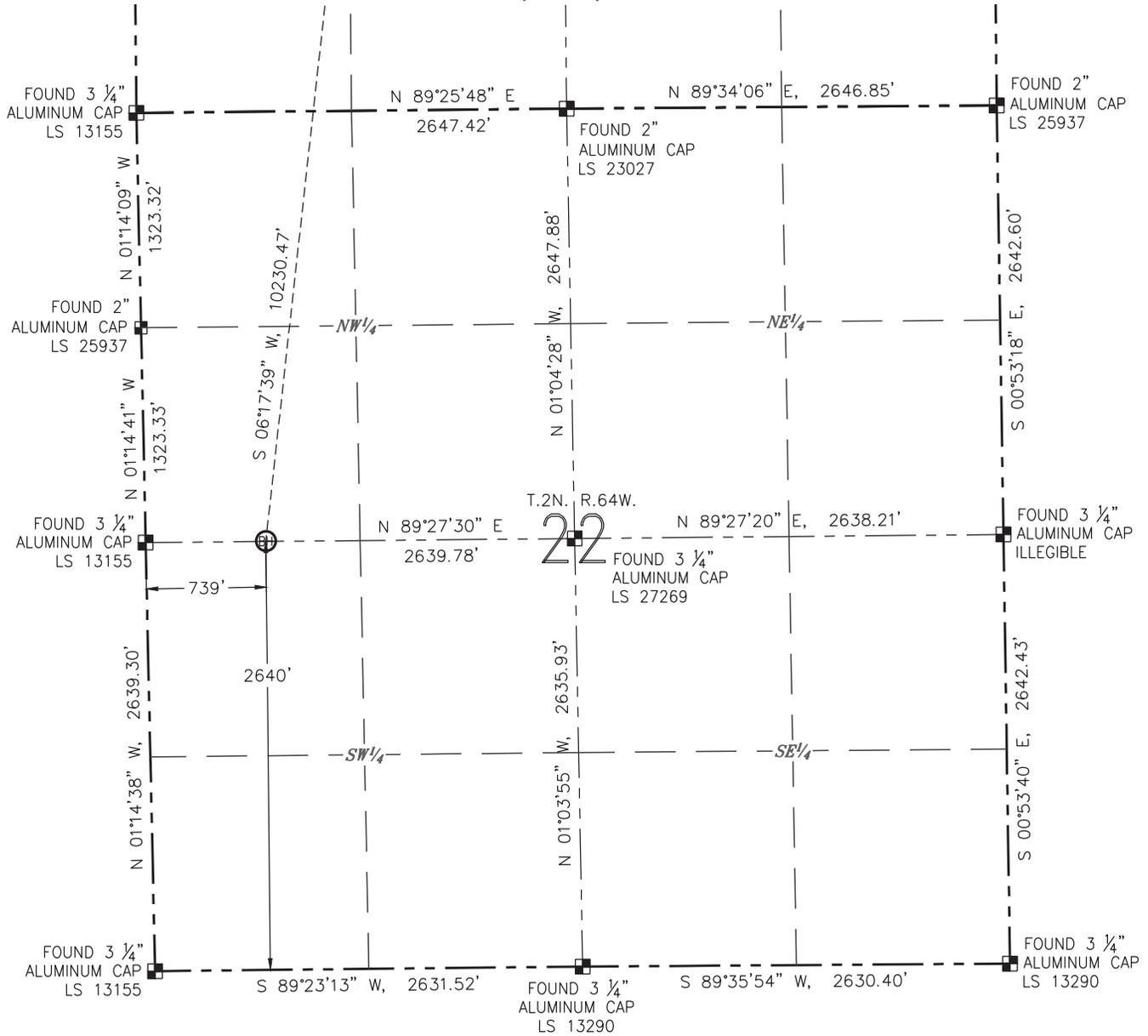


# WELL LOCATION CERTIFICATE

**BISON RIDGE Y22-779**  
(SHEET 3 OF 3)

SECTION: 10  
TOWNSHIP: 2N  
RANGE: 64W

*S.15, T.2N., R.64W.*



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

