

LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS, IN ACCORDANCE WITH A REQUEST FROM BLANE THINGELSTAD FOR EXTRACTION OIL AND GAS, DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS WAKE NORTH 13 TO BE 846' FROM THE SOUTH LINE AND 1744' FROM THE EAST LINE OF SECTION 32, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH P.M., WELD COUNTY, COLORADO.

NOTES:

- DISTANCES ARE MEASURED PERPENDICULAR TO NEAREST SECTION LINE AND ARE SHOWN ON THE SAME SIDE OF THE SECTION LINE WHERE THE WELL IS LOCATED.
- THIS MAP DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY. SIXTEENTH CORNER LOCATIONS ARE COMPUTED, UNLESS OTHERWISE NOTED.
- BOTTOM HOLE LOCATIONS AND HORIZONTAL COMPLETION ZONE PROVIDED BY OTHERS.

BASIS OF BEARING:

THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 32-T6N-R65W BEARS N85°52'57"W BETWEEN THE SOUTHEAST CORNER OF SECTION 32 MONUMENTED WITH A 2 1/2" A.C. IN R.B. STAMPED "LS 17500" AND THE SOUTH QUARTER CORNER OF SECTION 32 MONUMENTED WITH A 3 1/4" A.C. IN R.B. STAMPED "LS 28259" BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE 0501.

ELEVATIONS ARE NAVD 88, USING THE CONUS GEOID 03 AS OBSERVED FROM GPS OBSERVATIONS



Laine A. Landau

LAINA A. LANDAU
 COLORADO PLS 371159
 DATE OF SURVEY: 8/19/2010 (SECTION CONTROL)
 DATE OF SURVEY: 05/18/2016 (WELL LOCATION)

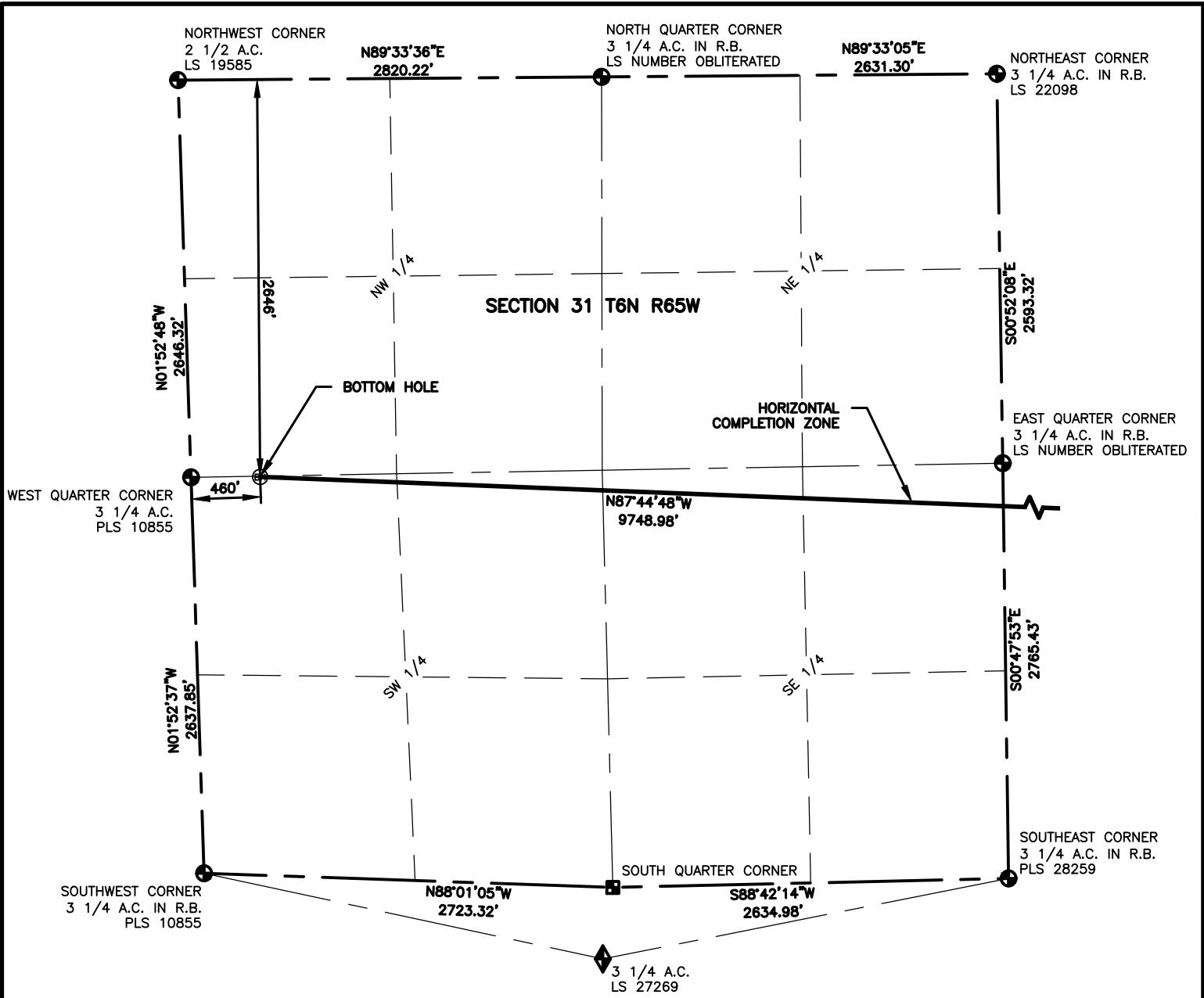


LAMP RYNEARSON
 & ASSOCIATES

4715 Innovation Drive 970.226.0342 | P
 Fort Collins, CO 80525 970.226.0879 | F
 www.LRA-Inc.com

PROPOSED WELL LOCATION EXHIBIT
 WAKE NORTH 13
 1 OF 2

DRAWN BY JJM	DATE 2/16/17	COGCC ID 0215045.01	PROJECT - TASK NUMBER Wake North 32-K\0215045.02	BOOK AND PAGE MRI-05 34-36	SURFACE - LOCATION SW1/4, SE1/4, SEC 32, T6N, R65W
PATH/FILENAME EXHIBITS\WAKE NORTH 13					

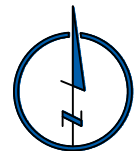


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LEGEND

- ALIQUOT CORNER
- ⊕ BOTTOM HOLE
- COMPUTED FROM GLO RECORDS
- ◆ UNION COLONY CORNER
- A.C. ALUMINUM CAP
- R.B. RANGE BOX



SCALE: 1" = 1000'
U.S. SURVEY FEET



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PROPOSED WELL LOCATION EXHIBIT
WAKE NORTH 13
2 OF 2

DRAWN BY	DATE	COGCC ID	PROJECT - TASK NUMBER	BOOK AND PAGE
JJM	2/16/17	0215045.01	Wake North 32-K	MRI-05 34-36
PATHFILENAME	P:_Engineering\0215045.01 Wake North 32-K\DRAWINGS\EXHIBITS\PRELIMINARY PLAT			

SURFACE - LOCATION
SW1/4, SE1/4, SEC 32, T6N,
R65W