

WELL LOCATION DATA:

LATITUDE: 40.44167°N
 LONGITUDE: 104.69560°W
 ELEVATION: 4647'
 PDOP: 0.9
 OPERATOR: Z. WADDLE
 SURFACE USE: RANGELAND

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.

BASIS OF BEARING:

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

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

SOUTHEAST CORNER
 2 1/2 A.C. IN R.B.
 LS 17500

LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS IN ACCORDANCE WITH A REQUEST FROM COLLIN RICHARDSON FOR MINERAL RESOURCES, INC., DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS 4H 5-7-31 TO BE 1629' FROM THE SOUTH LINE AND 288' FROM THE WEST LINE OF SECTION 32, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH P.M., WELD COUNTY, COLORADO.

David J. Berglund

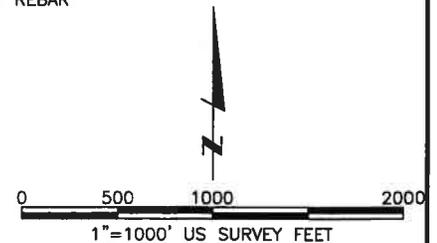
DAVID JOHN BERGLUND
 COLORADO PLS 38199



DATE OF SURVEY: 8/19/2010 (SECTION CONTROL)
 DATE OF SURVEY: 4/29/2011 (WELL LOCATION)

LEGEND

- ⊕ ALIQUOT CORNER
- ⊗ BOTTOM HOLE
- ⊙ PROPOSED WELL
- A.C. ALUMINUM CAP
- R.B. RANGE BOX
- REB. REBAR



LAMP RYNEARSON & ASSOCIATES

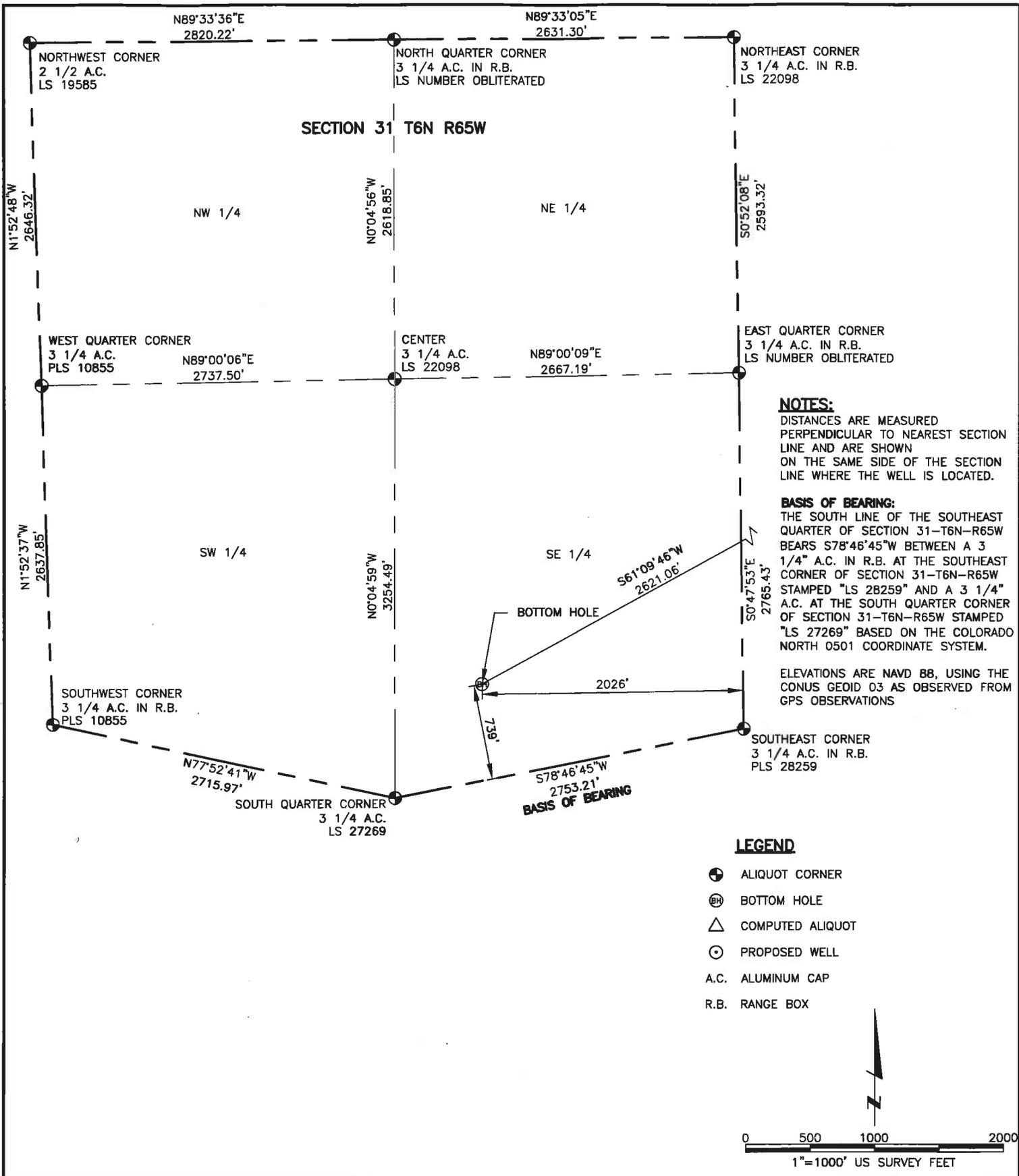
4715 Innovation Drive 970.226.0342 | P
 Fort Collins, CO 80525 970.226.0879 | F
 www.LRA-Inc.com

Proposed Well Location Exhibit
 4H 5-7-31

1 of 2

drawn by KJW	date 7-12-11	cogcc id 423393	project - task number 0210007.00	book and page MR01 4
path\filename P:_Engineering\0210007 ISLAND GROVE\DRAWINGS\EXHIBITS\0210007EXPWH.dwg				

surface - location
 NW 1/4, SW 1/4, SEC 32 T6N
 R65W

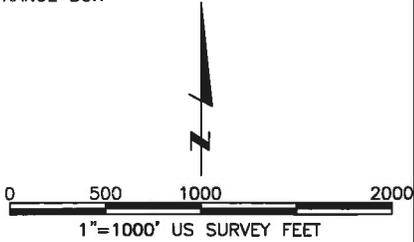


NOTES:
 DISTANCES ARE MEASURED PERPENDICULAR TO NEAREST SECTION LINE AND ARE SHOWN ON THE SAME SIDE OF THE SECTION LINE WHERE THE WELL IS LOCATED.

BASIS OF BEARING:
 THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 31-T6N-R65W BEARS S78°46'45\"W BETWEEN A 3 1/4\" A.C. IN R.B. AT THE SOUTHEAST CORNER OF SECTION 31-T6N-R65W STAMPED \"LS 28259\" AND A 3 1/4\" A.C. AT THE SOUTH QUARTER CORNER OF SECTION 31-T6N-R65W STAMPED \"LS 27269\" BASED ON THE COLORADO NORTH 0501 COORDINATE SYSTEM.

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

- LEGEND**
- ⊕ ALIQUOT CORNER
 - ⊕ BOTTOM HOLE
 - △ COMPUTED ALIQUOT
 - ⊙ PROPOSED WELL
 - A.C. ALUMINUM CAP
 - R.B. RANGE BOX



LAMP RYNEARSON & ASSOCIATES

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Proposed Well Location Exhibit
 4H 5-7-31
 Bottom Hole
 2 of 2

drawn by KJW	date 7-12-11	cogcc id 423393	project - task number 0210007.00	book and page MR01 4	surface - location NW 1/4, SW 1/4, SEC 31 T6N R65W
path\filename P:\Engineering\0210007 ISLAND GROVE\DRAWINGS\EXHIBITS\0210007EXPWHA.dwg					