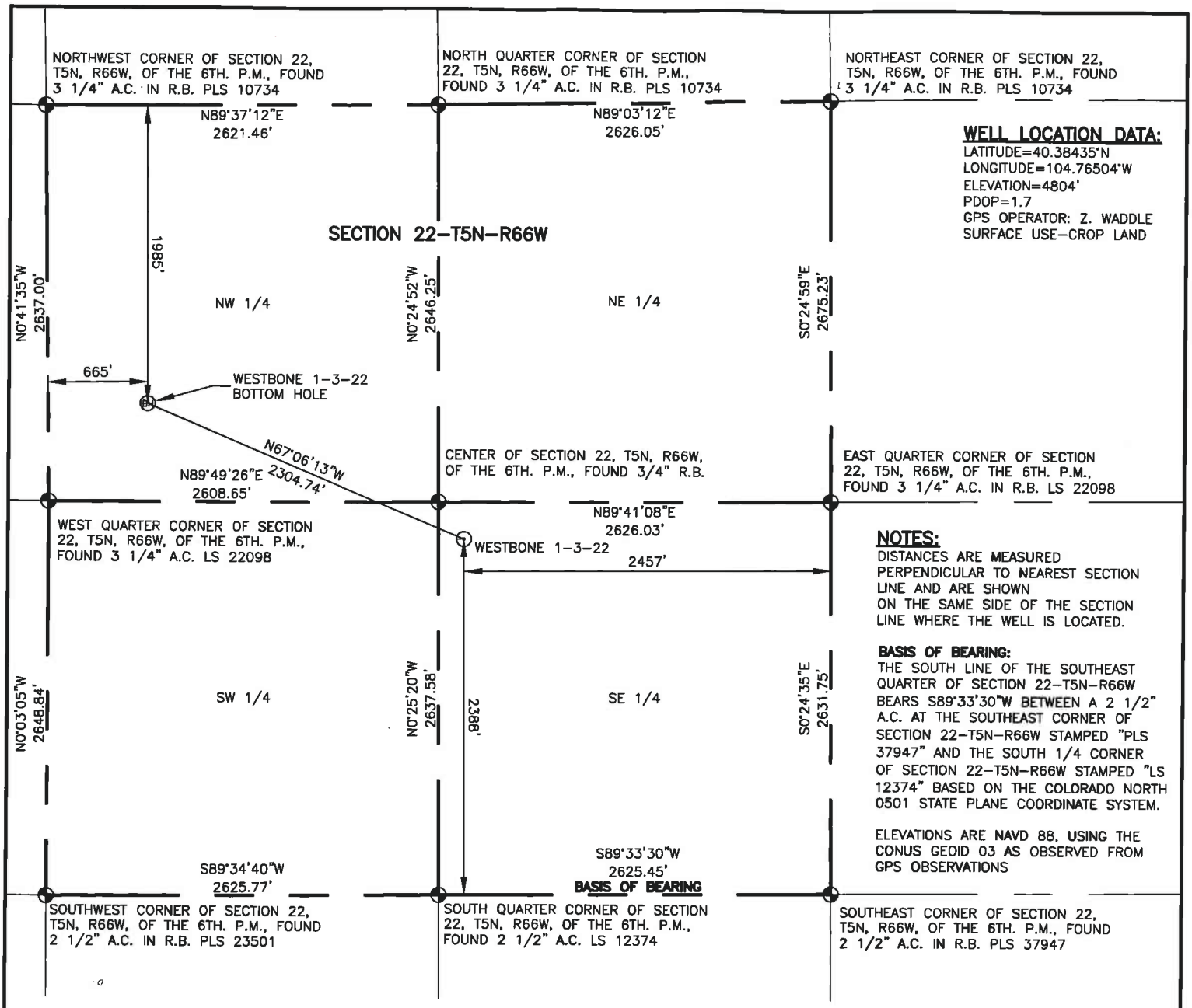

WELL LOCATION DATA:

LATITUDE=40.38435°N
LONGITUDE=104.76504°W
ELEVATION=4804'
PDOP=1.7
GPS OPERATOR: Z. WADDLE
SURFACE USE-CROP LAND

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 22-T5N-R66W BEARS S89°33'30"W BETWEEN A 2 1/2" A.C. AT THE SOUTHEAST CORNER OF SECTION 22-T5N-R66W STAMPED "PLS 37947" AND THE SOUTH 1/4 CORNER OF SECTION 22-T5N-R66W STAMPED "LS 12374" BASED ON THE COLORADO NORTH 0501 STATE PLANE COORDINATE SYSTEM.

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

LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS IN ACCORDANCE WITH A REQUEST FROM COLLIN RICHARSON FOR MINERAL RESOURCES, LLC., DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS WESTBONE 1-3-22 TO BE 2388' FROM THE SOUTH LINE AND 2457' FROM THE EAST LINE OF SECTION 22, TOWNSHIP 5 NORTH, RANGE 66 WEST OF THE 6TH P.M., WELD COUNTY, COLORADO.

COLORADO LICENSED
DAVID JOHN BERGLUND
38199
6-9-11
PROFESSIONAL LAND SURVEYOR

DAVID JOHN BERGLUND
COLORADO PLS 38199

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

LEGEND

- (BH) BOTTOM HOLE
- ALIQUOT CORNER
- PROPOSED WELL
- A.C. ALUMINUM CAP
- R.B. RANGE BOX

N

1000 500 0 1000

1"=1000' US SURVEY FEET

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

book and page: 10-3, 60-67/MR 01, 2

Proposed Well Location Exhibit
Westbone 1-3-22

drawn by	date	cogcc id	project - task number	project - location
KJW	6/10/2011	423341	0210011.00	NW 1/4, SE 1/4, SECTION 22-T5N-R66W

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