

WELL LOCATION DATA:
 LATITUDE: 40.40126°N
 LONGITUDE: 104.65714°W
 ELEVATION: 4648'
 PDOP: 1.9
 OPERATOR: C. WESTHOLMES
 SURFACE USE: CROP LAND
 PROPOSED GROUND ELEVATION: 4649.0'
NEAREST CULTURAL ITEMS:
 PROPERTY LINE: 321'
 BUILDING: 426'
 BUILDING UNIT: 525'
 HIGH OCCUPANCY BUILDING UNIT: 1527'
 DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
 PUBLIC ROAD: 465'
 ABOVE GROUND UTILITY: 491'
 RAILROAD: 5280'+

REVISIONS	DATE
FIRST SUBMITTAL	10/30/15
SECOND SUBMITTAL	2/26/16

LEGEND

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

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.

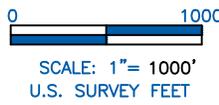
BASIS OF BEARING:

THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 315-T5N-R65W BEARS N88°45'45"W BETWEEN THE NORTH QUARTER CORNER OF SECTION 15 MONUMENTED WITH 3/4" REBAR W/ 3 1/4" A.C. STAMPED "LS 22098" AND THE NORTHEAST CORNER OF SECTION 15 MONUMENTED WITH 1/4" REBAR W/ 3 1/4" A.C. STAMPED "LS 7242" BASED ON THE COLORADO NORTH 0501 STATE PLANE COORDINATE SYSTEM.

ELEVATIONS ARE BASED ON NAVD 88, AS OBSERVED FROM GPS OBSERVATIONS

LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS, IN ACCORDANCE WITH A REQUEST FROM DUSTIN DYK FOR EXTRACTION OIL AND GAS, DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS VT-LDS C4-16-18 TO BE 1904.00' FROM THE NORTH LINE AND 483.05' FROM THE WEST LINE OF SECTION 5, TOWNSHIP 5 NORTH, RANGE 65 WEST OF THE 6TH P.M., WELD COUNTY, COLORADO.



FRANK A. KOHL
 COLORADO PLS 37067
 DATE OF SURVEY: 7/20/2015 (SECTION CONTROL)
 DATE OF SURVEY: 09/18/2015 (WELL LOCATION)

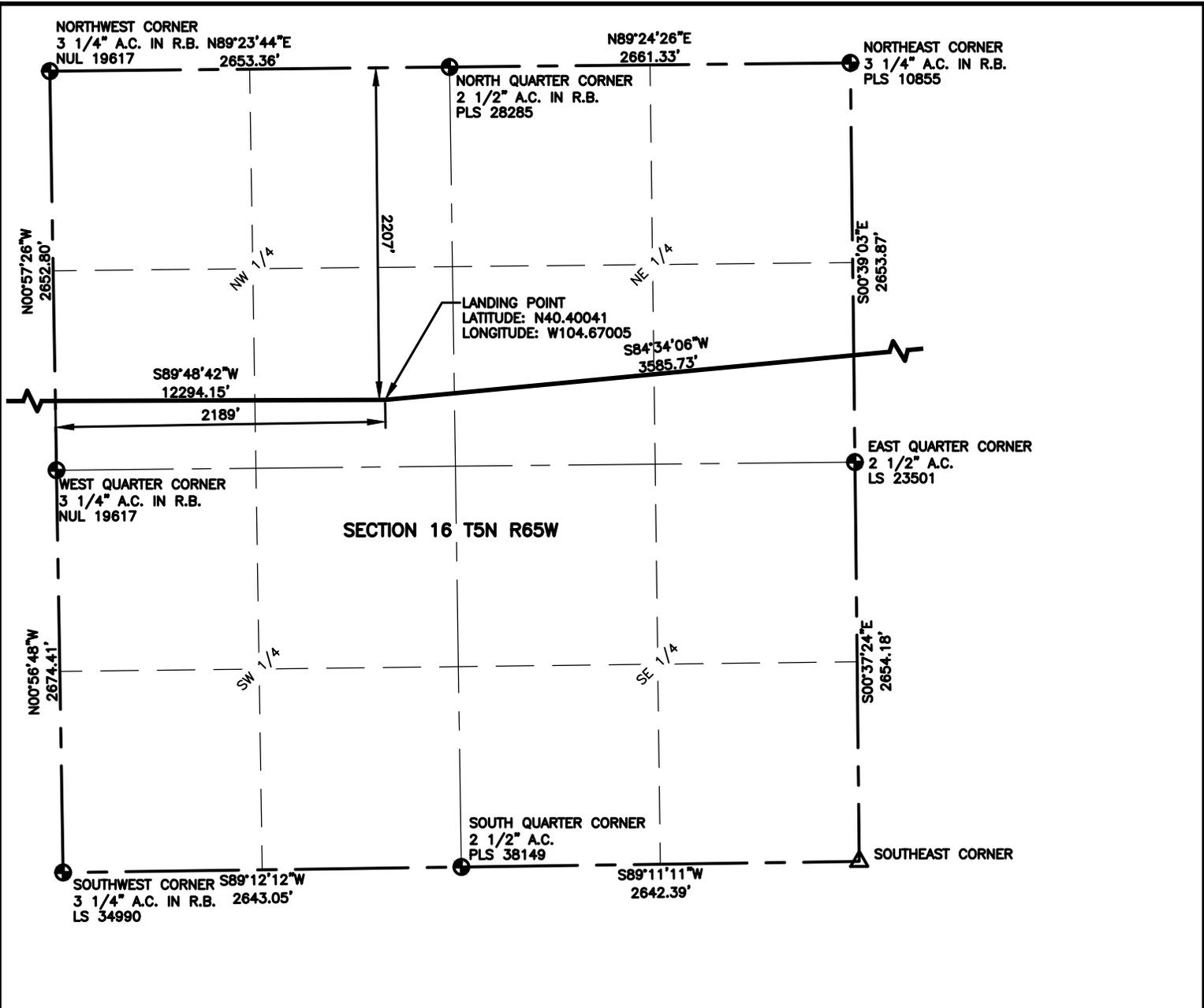


LAMP RYNEARSON & ASSOCIATES

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

PROPOSED WELL LOCATION EXHIBIT
 VT-LDS C4-16-18
 1 OF 4

DRAWN BY KJW	DATE 2/26/16	COGCC ID	PROJECT - TASK NUMBER 0215036.00	BOOK AND PAGE MRI-04 PG-6	SURFACE - LOCATION SW /4, NW /4, SEC 15 T5N R65W
PATH/FILENAME P:_Engineering\0215036 Vetting 15 H\DRAWINGS\EXHIBITS\0215036EXWP-10.dwg					



LEGEND

- △ COMPUTED ALIQUOT CORNER FROM MONUMENT RECORDS ⊙ PROPOSED WELL
- ⊕ ALIQUOT CORNER A.C. ALUMINUM CAP
- COMPUTED ALIQUOT CORNER FROM GLO RECORDS R.B. RANGE BOX
- ⊖ BOTTOM HOLE

NOTES:

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



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



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
VT-LDS C4-16-18
2 OF 4

DRAWN BY
KJW
PATH/FILENAME

DATE
2/26/16

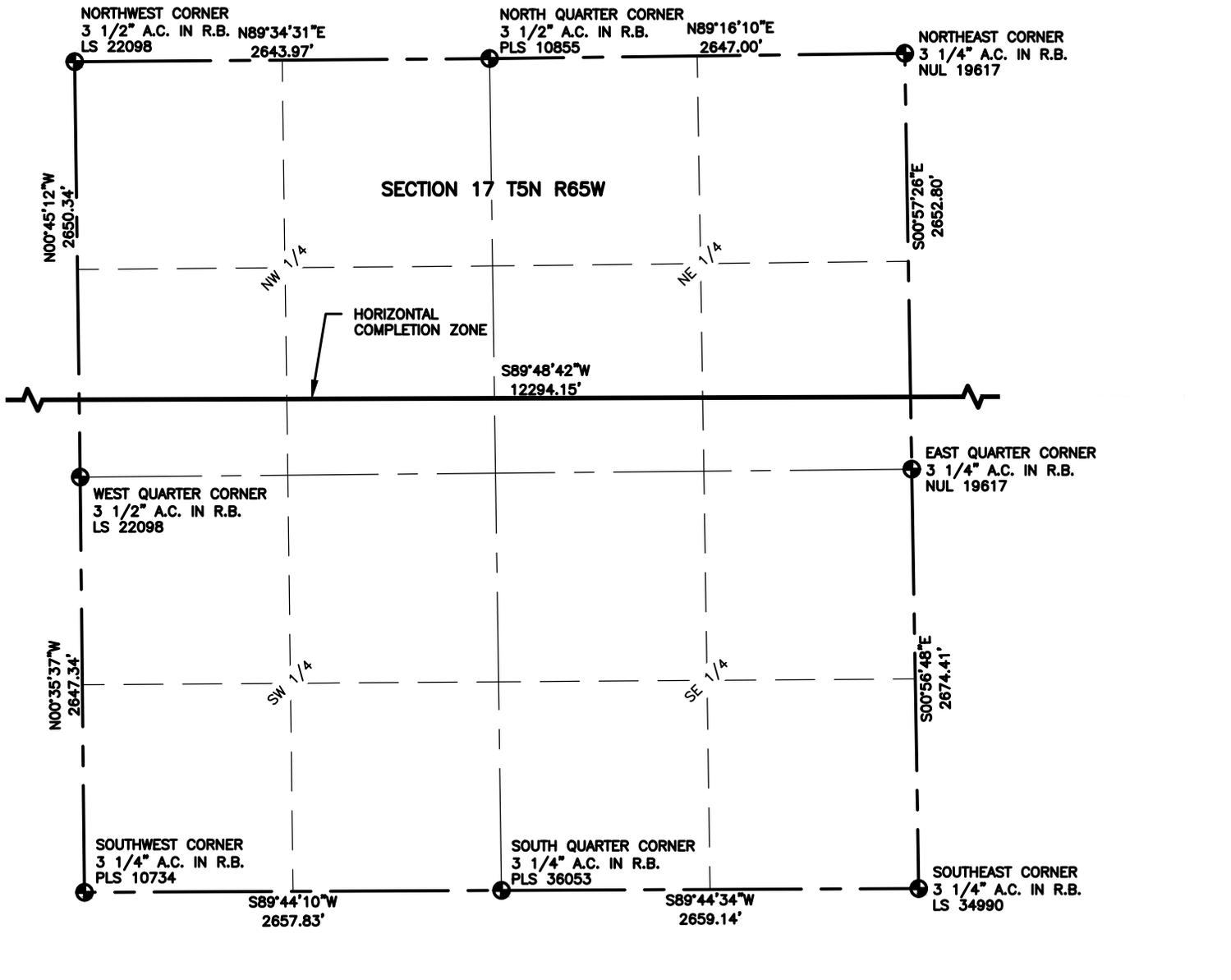
COGCC ID

PROJECT - TASK NUMBER
0215036.00

BOOK AND PAGE
MRI-04 PG-6

SURFACE - LOCATION
SW /4, NW /4, SEC 15 T5N
R65W

P:_Engineering\0215036 Vetting 15 H\DRAWINGS\EXHIBITS\0215036EXWP-10-A.dwg



LEGEND

- △ COMPUTED ALIQUOT CORNER FROM MONUMENT RECORDS
- ⊙ PROPOSED WELL
- ⊕ ALIQUOT CORNER
- A.C. ALUMINUM CAP
- ▣ COMPUTED ALIQUOT CORNER FROM GLO RECORDS
- R.B. RANGE BOX
- ⊖ BOTTOM HOLE

NOTES:

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



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

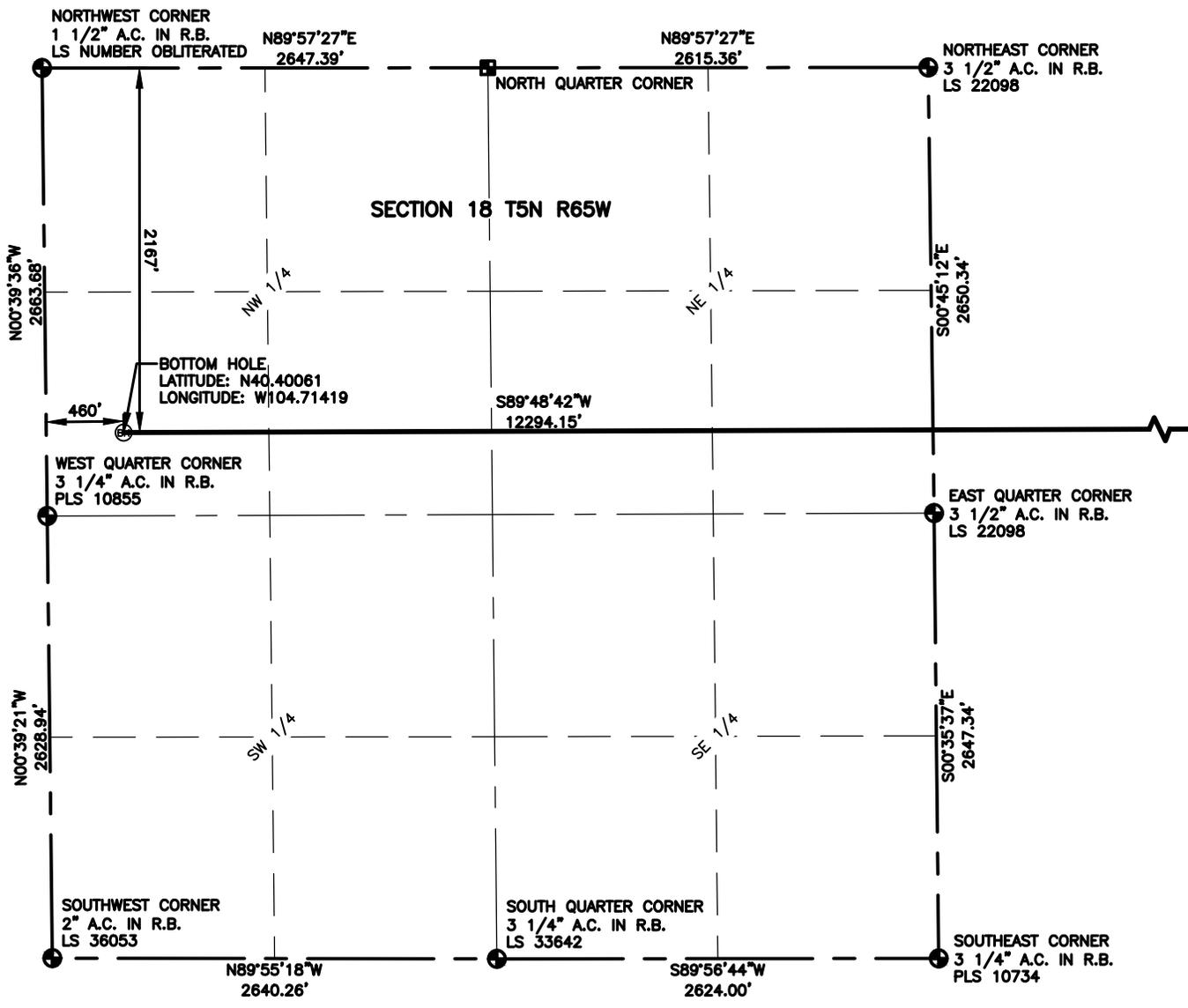


LAMP RYNEARSON
& ASSOCIATES

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

PROPOSED WELL LOCATION EXHIBIT
VT-LDS C4-16-18
3 OF 4

DRAWN BY KJW	DATE 2/26/16	COGCC ID	PROJECT - TASK NUMBER 0215036.00	BOOK AND PAGE MRI-04 PG-6	SURFACE - LOCATION SW /4, NW /4, SEC 15 T5N R65W
PATH/FILENAME P:_Engineering\0215036 Vetting 15 H\DRAWINGS\EXHIBITS\0215036EXWP-10-B.dwg					



LEGEND

- △ COMPUTED ALIQUOT CORNER FROM MONUMENT RECORDS
- ⊕ ALIQUOT CORNER
- ⊠ COMPUTED ALIQUOT CORNER FROM GLO RECORDS
- ⊙ BOTTOM HOLE
- ⊙ PROPOSED WELL
- A.C. ALUMINUM CAP
- R.B. RANGE BOX

NOTES:

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



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



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
VT-LDS C4-16-18
4 OF 4

DRAWN BY KJW	DATE 2/26/16	COGCC ID	PROJECT - TASK NUMBER 0215036.00	BOOK AND PAGE MRI-04 PG-6	SURFACE - LOCATION SW /4, NW /4, SEC 15 T5N R65W
PATH/FILENAME P:_Engineering\0215036 Vetting 15 H\DRAWINGS\EXHIBITS\0215036EXWP-10-C.dwg					