

WELL LOCATION DATA:
 LATITUDE: 39.733281°N
 LONGITUDE: -104.673922°W
 ELEVATION: 5591'
 PDOP: 1.611
 OPERATOR: D.WIMMER
 SURFACE USE: AGRICULTURAL

LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS, IN ACCORDANCE WITH A REQUEST FROM RYAN BRUNER, AXIS EXPLORATION, DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS JAMASO 4-65 5-6-11 TO BE 2449' FROM THE NORTH LINE AND 1233' FROM THE WEST LINE OF SECTION 4, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE 6TH P.M., ARAPAHOE COUNTY, COLORADO.



0 1000
 SCALE: 1"= 1000'
 U.S. SURVEY FEET

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.
- ALL REBAR AND CAPS ARE MEASURED IN INCHES

BASIS OF BEARING:

THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 4-T4S-R65W BEARS N00°22'38"W FOR 2647.43 FT BETWEEN THE SOUTHWEST CORNER OF SECTION 4 MONUMENTED WITH 2 1/2" A.C. IN R.B. STAMPED "PLS 29430" AND THE WEST QUARTER CORNER OF SECTION 4 MONUMENTED WITH 3 1/4" A.C. IN R.B. STAMPED "LS 34178" BASED ON THE COLORADO CENTRAL 0502 STATE PLANE COORDINATE SYSTEM

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

PETER ELLIOTT PAULUS COLORADO PLS 38318
 DATE OF SURVEY: 01/09/2018 (SECTION CONTROL)
 DATE OF SURVEY: 10/12/2018 (WELL LOCATION)

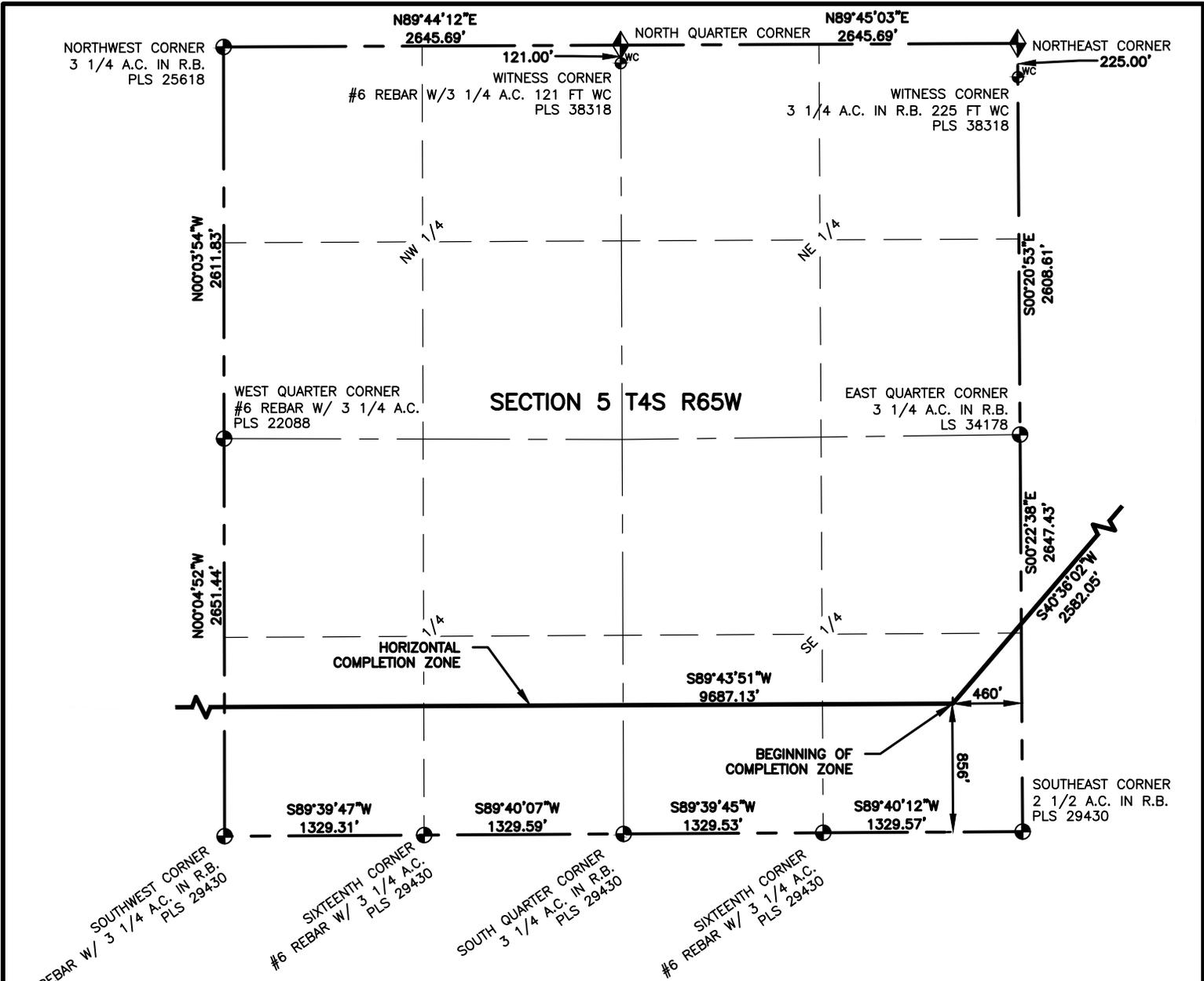


LAMP RYNEARSON & ASSOCIATES

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

PROPOSED WELL LOCATION EXHIBIT
 JAMASO 4-65 5-6-11
 1 OF 3

DRAWN BY CPP	DATE 10/12/18	COGCC ID 0218003.03	PROJECT - TASK NUMBER 0218003.03	BOOK AND PAGE	SURFACE - LOCATION SW/4 NW/4 SEC 4 T4S R65W, CITY OF AURORA
PATH\FILENAME L:\Engineering\0218003.03 XOG - Jamaso\SURVEY\DRAWINGS\EXHIBITS\0218003.03 WP-K1.dwg					

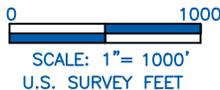


LEGEND

- ALIQUOT CORNER
- ◆ COMPUTED ALIQUOT CORNER
- ⊕ BOTTOM HOLE
- ⊙ PROPOSED WELL
- A.C. ALUMINUM CAP
- R.B. RANGE BOX
- CON. CONCRETE

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PROPOSED WELL LOCATION EXHIBIT
JAMASO 4-65 5-6-11
2 OF 3

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CPP	10/12/18		0218003.03		SW/4 NW/4 SEC 4 T4S R65W, CITY OF AURORA
PATH\FILENAME L:\Engineering\0218003.03 XOG - Jamaso\SURVEY\DRAWINGS\EXHIBITS\0218003.03 WP-K2.dwg					

N89°43'28"E
2680.49'

N89°43'26"E
2632.10'

NORTHWEST CORNER
3 1/4 A.C. IN R.B.
PLS 25618

NORTH QUARTER CORNER
3 1/4 A.C. IN R.B.
PLS 25618

NORTHEAST CORNER
3 1/4 A.C. IN R.B.
PLS 25618

N00°19'07"W
2641.83'

NW 1/4

S00°02'03"W
2626.62'

NE 1/4

S00°03'54"E
2611.83'

SECTION 6 T4S R65W

CENTER QUARTER CORNER
1 REBAR W/ 2 A.C.
PLS 10945

N89°23'47"E
1318.44'

EAST QUARTER CORNER
#6 REBAR W/ 3 1/4 A.C.
PLS 22088

WEST QUARTER CORNER
3 BRASS CAP IN R.B.
LS 16419

N89°23'47"E
2664.35'

SIXTEENTH CORNER
#6 REBAR W/ 3 1/4 A.C.
PLS 22088

N89°24'33"E
1318.31'

N00°18'34"W
2642.25'

SW 1/4

S00°02'02"W
2647.18'

SE 1/4

S00°04'52"E
2651.44'

END OF COMPLETION ZONE

HORIZONTAL COMPLETION ZONE

S89°43'51"W
9687.13'

SOUTHWEST CORNER
2 A.C. IN R.B.
PLS 23527

881'

S89°30'02"W
2648.47'

S89°30'32"W
1321.16'

S89°29'00"W
1320.87'

SOUTH QUARTER CORNER
#6 REBAR W/ 3 1/4 A.C.
PLS 29430

SIXTEENTH CORNER
#6 REBAR W/ 2 1/2 A.C.
PLS 31159

SOUTHEAST CORNER
#6 REBAR W/ 3 1/4 A.C. IN R.B.
PLS 29430

LEGEND

- ALIQUOT CORNER
- ⊙ PROPOSED WELL
- ◆ COMPUTED ALIQUOT CORNER
- A.C. ALUMINUM CAP
- R.B. RANGE BOX
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