

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

NW COR SEC. 2  
FND #6 REB.  
W/2.5" ALUM. CAP  
PLS 30462

N 1/4 COR SEC. 2  
FND #6 REB.  
W/3.25" ALUM. CAP  
PLS 33642

NE COR SEC. 2  
FND #6 REB.  
W/3.25" ALUM. CAP  
PLS 22098

W 1/4 COR SEC. 2  
FND #6 REB.  
W/ 3.25" ALUM. CAP  
PLS 22098

SRC VSTA  
43-2N-C  
ELEV=5,000'

TARGET #1

S 36°45'46" W  
385.43'

N 88°59'45" E  
440.01'

TARGET #2

N 88°59'47" E  
4381.85'

E 1/4 COR SEC. 2  
FND #6 REB.  
ALSO FOUND  
WITNESS CORNER  
- 50' WEST  
- #6 REB. W/  
3.25" ALUM. CAP  
PLS 16847

SW COR SEC. 2  
FND #6 REB. W/2.5"  
ALUM. CAP  
PLS 23501

S 1/4 COR SEC. 2  
FND #6 REB.  
W/2.5" ALUM. CAP  
PLS 14166

SE COR SEC. 2  
FND #6 REB.  
W/2.5" ALUM. CAP  
PLS 12374

Scale 1" = 1000 ft

## NOTES:

- 1) NEAREST CULTURAL ITEMS:  
BUILDING: 1030' SW  
BUILDING UNIT: 1030' SW  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: INTERSTATE 25 235' W  
ABOVE GROUND UTILITY: 205' W  
RAILROAD: 5280'+  
PROPERTY LINE: 204' W
- 2) SURFACE USE: REMEDIATED GROUND.
- 3) OPERATOR NAME: BRETT BRCH.
- 4) THE NEAREST EXISTING WELL IS: PRATT 14-2D 1143' SE.
- 5) Bearings shown are grid bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
- 6) Ground elevations are based on an observed GPS elevation (NAD 88 DATUM).
- 7) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of disturbed area.

IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC VSTA 43-2N-C TO BE 2163' FSL AND 254' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 2, TOWNSHIP 4 NORTH, RANGE 68 WEST, AND THE BOTTOM HOLE LOCATION TO BE 1872' FSL AND 460' FWL OF SECTION 2, TOWNSHIP 4 NORTH, RANGE 68 WEST, 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 07/28/2014, THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.

SURFACE HOLE:  
LATITUDE: 40.341448° N  
LONGITUDE: 104.978905° W  
PDOP: 0.6  
1/4, 1/4: NW1/4SW1/4

BOTTOM HOLE:  
LATITUDE: 40.340757° N  
LONGITUDE: 104.962447° W

TARGET #1:  
LATITUDE: 40.340604° N  
LONGITUDE: 104.979739° W

TARGET #2:  
LATITUDE: 40.340618° N  
LONGITUDE: 104.978161° W

## LEGEND

- - FOUND/SET SURVEY MONUMENT PER MONUMENT RECORD EXCEPTIONS NOTED.
- - CALCULATED SURVEY MONUMENT POSITION
- (-) - CALCULATED DIMENSION



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State of Colorado  
FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

Completed  
9/16/2015

PROJECT #: SYND4NS002-01