

WELL LOCATION CERTIFICATE**THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY**SECTION 4
TOWNSHIP 4 NORTH
RANGE 68 WESTNW COR. SEC. 4
FOUND #6 REB.W/ 2.5" A.C.
PLS 30462
IN MON BOX

N 89°47'39" E 2577.23'

N 1/4 COR. SEC. 4
FOUND #6 REB.
W/ 2.5" A.C.
PLS 30462
IN MON BOX

N 89°46'18" E 2697.64'

NE COR. SEC. 4
FOUND #6 REB.
W/ 3.25" A.C.
PLS 7242
IN MON BOX

2520.64'

N 02°31'29" W

W 1/4 COR. SEC. 5
FOUND #6 REB.
W/ 3.25" A.C.
PLS 22098

S 88°53'29" W 2631.05'

N 03°47'48" W
4160.04'

470'

1592'

2440.48'

S 03°44'14" E

E 1/4 COR. SEC. 4
FOUND #6 REB.
W/ 3.25" A.C.
PLS 23520
IN MON BOX

S 88°53'35" W

2692.82'

C 1/4 COR. SEC. 4
FOUND #6 REB.
W/ 2.5" A.C.
PLS 30462

2651.65' (C)

N 03°22'24" W

REFERENCE
MONUMENTSW COR. SEC. 4
FOUND #6 REB.
W/ 2.5" A.C.
PLS 14166

S 88°36'37" W

REFERENCE MONUMENT

NW COR. SEC. 9
FOUND #6 REB. W/ 2.5" A.C.
PLS ILL.

2650.05' (C)

2639.47'

N 03°47'46" W

N 03°47'46" W
440.43'SRC KIEHN
C-4CHZ
ELEV=5,064'

201'

470'

1546'

2637.78'

S 1/4 COR. SEC. 4

FOUND 1" ALUM. PIPE

W/ 2.5" A.C.

PLS 12374

S 88°43'46" W

S 51°29'00" E

266.98'

1738'

2629.93'

S 02°36'20" E

SE COR. SEC. 4
FOUND #6 REB.
W/ 2.5" A.C.
PLS ILL.

N

IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC KIEHN C-4CHZ TO BE 201' FSL AND 1738' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 4, TOWNSHIP 4 NORTH, RANGE 68 WEST AND THE BOTTOM HOLE LOCATION TO BE 470' FNL AND 1592' FEL OF SECTION 4, 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 12/12/2013, 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.

0 1000
Scale 1" = 1000 ft

NOTES:

- 1) LAT/LONG SHOWN ARE BASED ON A GPS OBSERVATION (NAD83).
- 2) BEARINGS SHOWN ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM 1983/2007.
- 3) GROUND ELEVATIONS ARE BASED ON A GPS OBSERVATION (NAVD 88 DATUM).
- 4) ALL DISTANCES SHOWN ARE FIELD MEASURED UNLESS OTHERWISE NOTED.
- 5) THE NEAREST EXISTING WELL IS: NONE IN SECTION.
- 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
- 7) SURFACE USE: PASTURE/AGRICULTURAL.
- 8) OPERATOR NAME: BRETT BIRCH.

NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification show hereon.

SURFACE HOLE:
LATITUDE: 40.335810° N
LONGITUDE: 105.005137° W
PDOP: 1.2
1/4, 1/4: SW1/4SE1/4
NEAREST PROPERTY LINE: 201' S

BOTTOM HOLE:
LATITUDE: 40.347952° N
LONGITUDE: 105.005392° W

TARGET #1:
LATITUDE: 40.335350° N
LONGITUDE: 105.004392° W
TARGET #2:
LATITUDE: 40.336557° N
LONGITUDE: 105.004487° W

LEGEND

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



AARON A. DEMO
Professional Land Surveyor Registration No. 38285
State of Colorado
FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

Completed
1/8/2014

PROJECT #SYN04N68W04-01