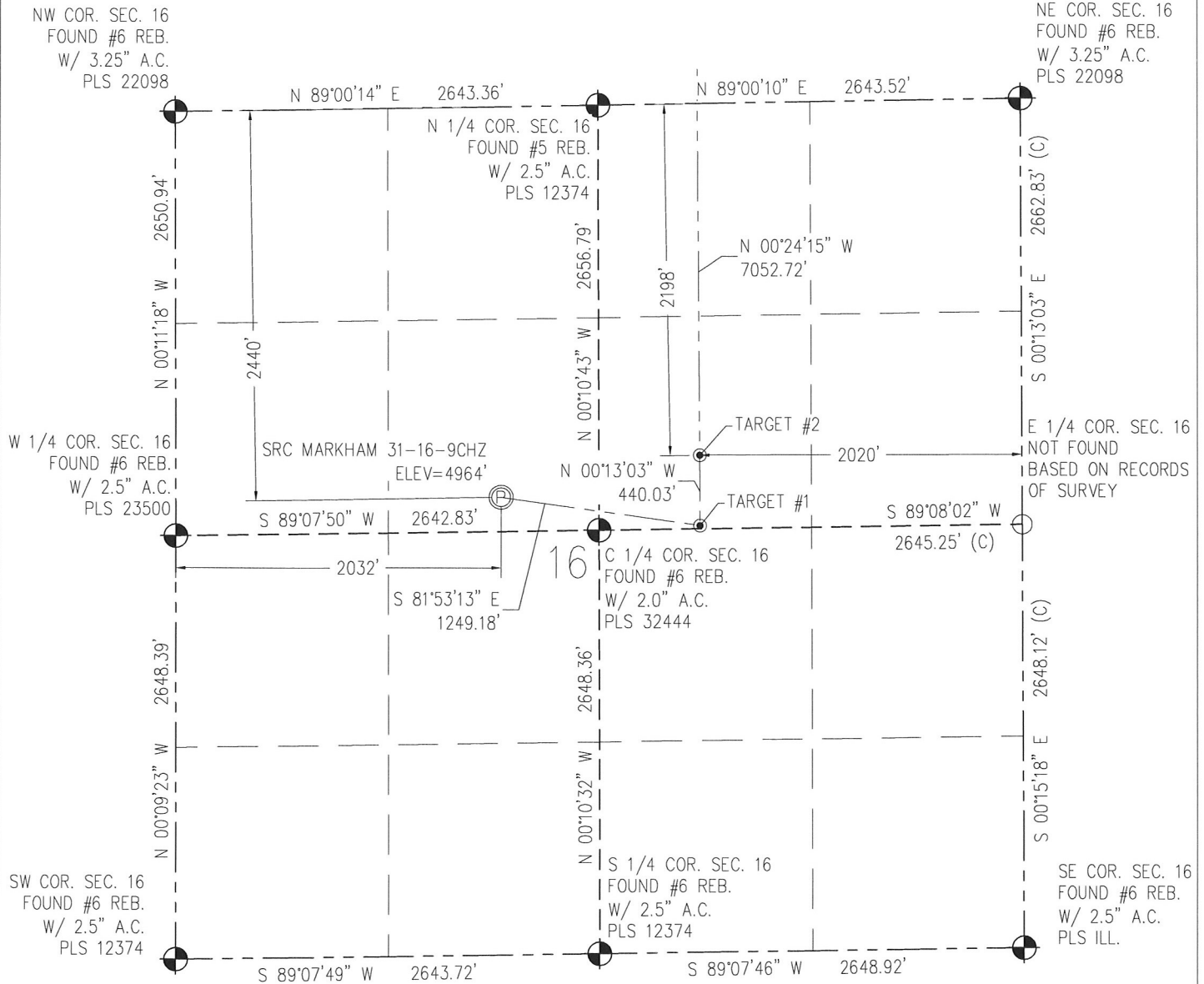


WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 16
TOWNSHIP 4 NORTH
RANGE 68 WEST



IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC MARKHAM 31-16-9CHZ TO BE 2440' FNL AND 2032' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 16, TOWNSHIP 4 NORTH, RANGE 68 WEST AND THE BOTTOM HOLE LOCATION TO BE 460' FNL AND 2020' FEL OF SECTION 9, 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 2/24/2014, 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.

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.

SURFACE HOLE:
LATITUDE: 40.313924° N
LONGITUDE: 105.010509° W
PDOP: 1.3
1/4, 1/4: SE1/4NW1/4
NEAREST PROPERTY LINE: 215' S

BOTTOM HOLE:
LATITUDE: 40.333983° N
LONGITUDE: 105.006114° W

TARGET #1:
LATITUDE: 40.313421° N
LONGITUDE: 105.006079° W

TARGET #2:
LATITUDE: 40.314629° N
LONGITUDE: 105.006076° W

LEGEND

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



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

Completed
3/7/2014

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 shown hereon.

PROJECT #: SYN04N68W16-01

REFERENCE MONUMENT
NW COR. SEC. 9
FOUND #6 REB.
W/ 2.5" A.C.
PLS 14166

N 88°36'37" E 2650.05' (C)

N 88°43'46" E 2637.78'

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

2020'

SRC MARKHAM 31-16-9CHZ
BOTTOM HOLE

N 00°24'15" W
7052.72'

N 00°29'51" W 2647.35' (C)

N 00°25'53" W 2662.42'

S 88°56'07" W 2646.79'

C 1/4 COR. SEC. 9
FOUND #6 REB.
W/ 2.5" A.C.
PLS 30462

9

S 88°58'24" W 2640.37'

E 1/4 COR. SEC. 9
FOUND #6 REB.
W/ 2.5" A.C.
PLS 37911

W 1/4 COR. SEC. 9
FOUND #6 REB.
W/ 2.5" A.C.
PLS 12374

2646.10' W

N 00°29'42" W

N 00°25'17" W 2649.29'

S 1/4 COR. SEC. 9
FOUND #5 REB.
W/ 2.5" A.C.
PLS 12374

SW COR. SEC. 9
FOUND #6 REB.
W/ 3.25" A.C.
PLS 22098

S 89°00'14" W 2643.36'

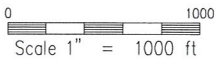
S 89°00'10" W 2643.52'

SE COR. SEC. 9
FOUND #6 REB.
W/ 3.25" A.C.
PLS 22098

S 00°29'24" E 2673.63'

S 00°29'24" E 2650.61'

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 2/24/2014, 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.



PROJECT #: SYN04N68W16-01