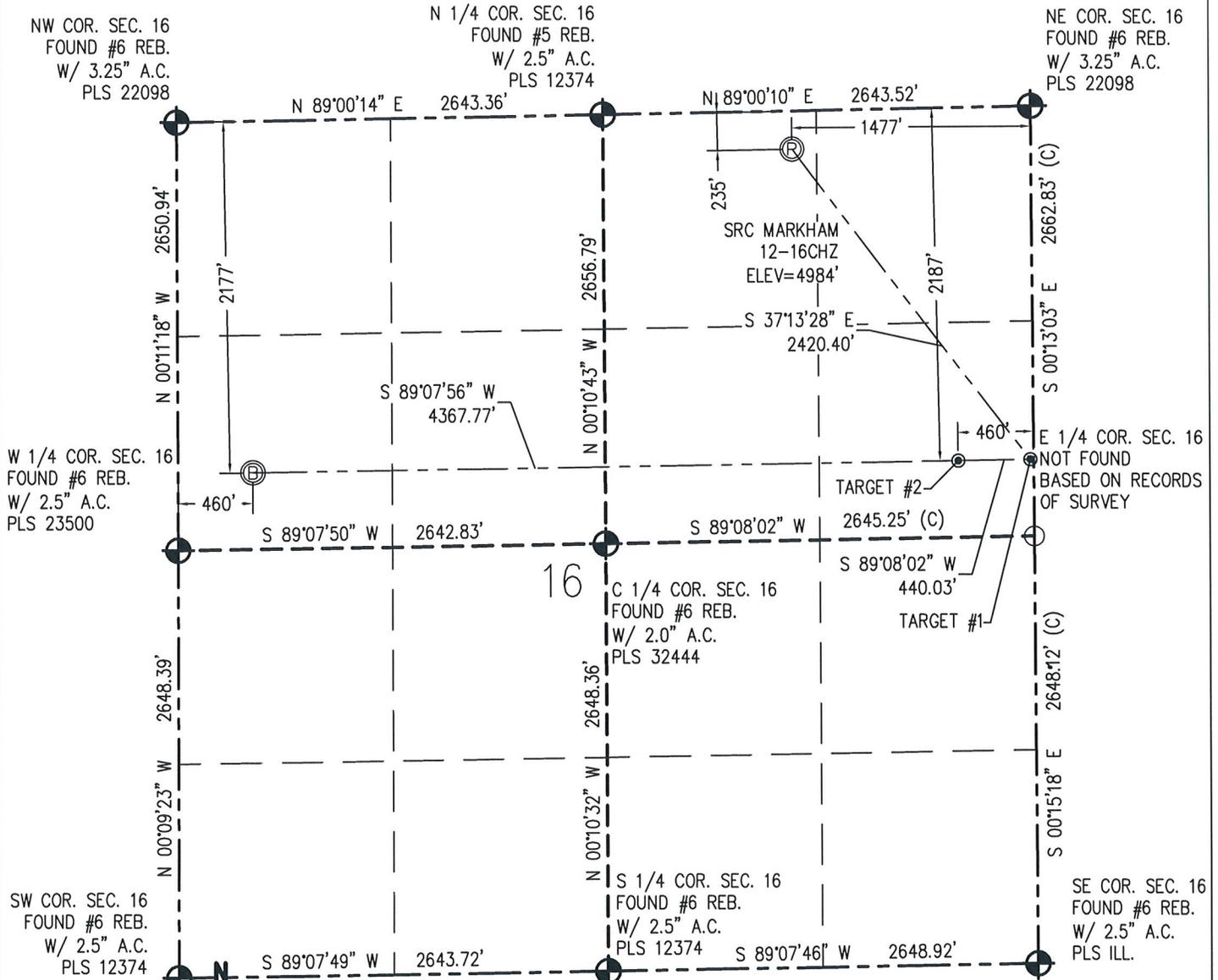
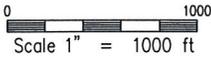


WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC MARKHAM 12-16CHZ TO BE 235' FNL AND 1477' FEL, 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 2177' FNL AND 460' FWL OF SECTION 16, 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 10/30/2014, 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.

- NOTES:
- 1) Bearings shown are grid bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lined dimensions as contained herein are based upon the "U.S. Survey Foot."
 - 2) Ground elevations are based on anobserved GPS elevation (NAVD 88 DATUM).
 - 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of disturbed area.
 - 4) SURFACE USE: PASTURE/AGRICULTURAL.
 - 5) OPERATOR NAME: COLE HALL.
 - 6) THE NEAREST EXISTING WELL IS: NONE IN SECTION.
 - 7) NEAREST CULTURAL ITEMS:
BUILDING: 525' E
BUILDING UNIT: 607' E
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: WELD COUNTY ROAD 46 221' N
ABOVE GROUND UTILITY: 201' N
RAILROAD: 5280'+
PROPERTY LINE: 155' E

SURFACE HOLE:
LATITUDE: 40.320034° N
LONGITUDE: 105.004117° W
PDOP: 1.7
1/4, 1/4: NW1/4NE1/4
NEAREST PROPERTY LINE: 155' E

BOTTOM HOLE:
LATITUDE: 40.314596° N
LONGITUDE: 105.016141° W

TARGET #1:
LATITUDE: 40.314722° N
LONGITUDE: 104.998906° W

TARGET #2:
LATITUDE: 40.314711° N
LONGITUDE: 105.000484° 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
12/9/2014