



December 23, 2013

Director Lepore  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: 30 Day Certification Letter – Rule 318 A(e)  
Hawkstone 29-30DD  
SWSW of Section 29, Township 7N, Range 65W  
Weld County, Colorado

Dear Director,

Synergy Resources Corporation (SRC) is planning to drill the captioned horizontal well in accordance with the provisions of COGCC Rule 318A.(e).

SRC's proposed wellbore spacing unit consists of the SE/4 Township of Section 30 7N Range 65W, creating a 160-acre wellbore spacing unit for the Codell formation.

Synergy Resources Corporation hereby certifies to the Director that SRC owns 100% interest in the proposed well bore spacing unit for the above said well, and requests the Director to approve the Horizontal well.

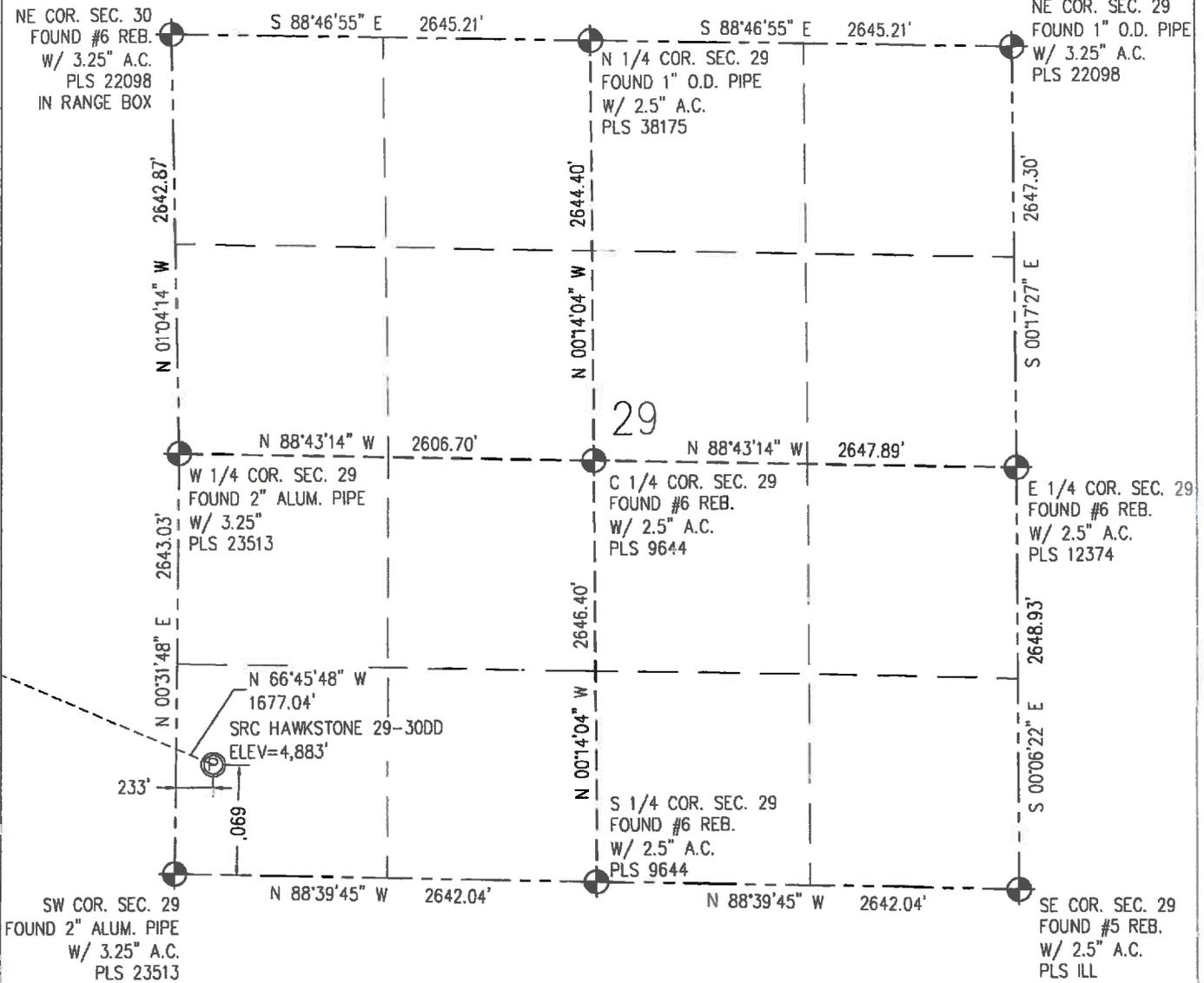
If you have any questions or issues regarding this permit, please contact Craig Rasmuson at (970) 737-1073.

Sincerely,

*Craig Rasmuson*

Craig Rasmuson  
Synergy Resources Corporation

**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 HAWKSTONE 29-30DD TO BE 690' FSL AND 233' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 29, TOWNSHIP 7 NORTH, RANGE 65 WEST AND THE BOTTOM HOLE LOCATION TO BE 1320' FSL AND 1314' FEL OF SECTION 30, TOWNSHIP 7 NORTH, RANGE 65 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 12/9/2013, 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.



- 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: NORTHERN PROP 14-29 351' SE.
  - 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
  - 7) SURFACE USE: SEASONAL AGRICULTURAL
  - 8) OPERATOR NAME: BRETT BIRCH.

**SURFACE HOLE:**  
LATITUDE: 40.540633° N  
LONGITUDE: 104.695816° W  
PDOP: 1.4  
1/4, 1/4: SW1/4SW1/4  
NEAREST PROPERTY LINE: 325' S

**BOTTOM HOLE:**  
LATITUDE: 40.542486° N  
LONGITUDE: 104.701337° W

**LEGEND**

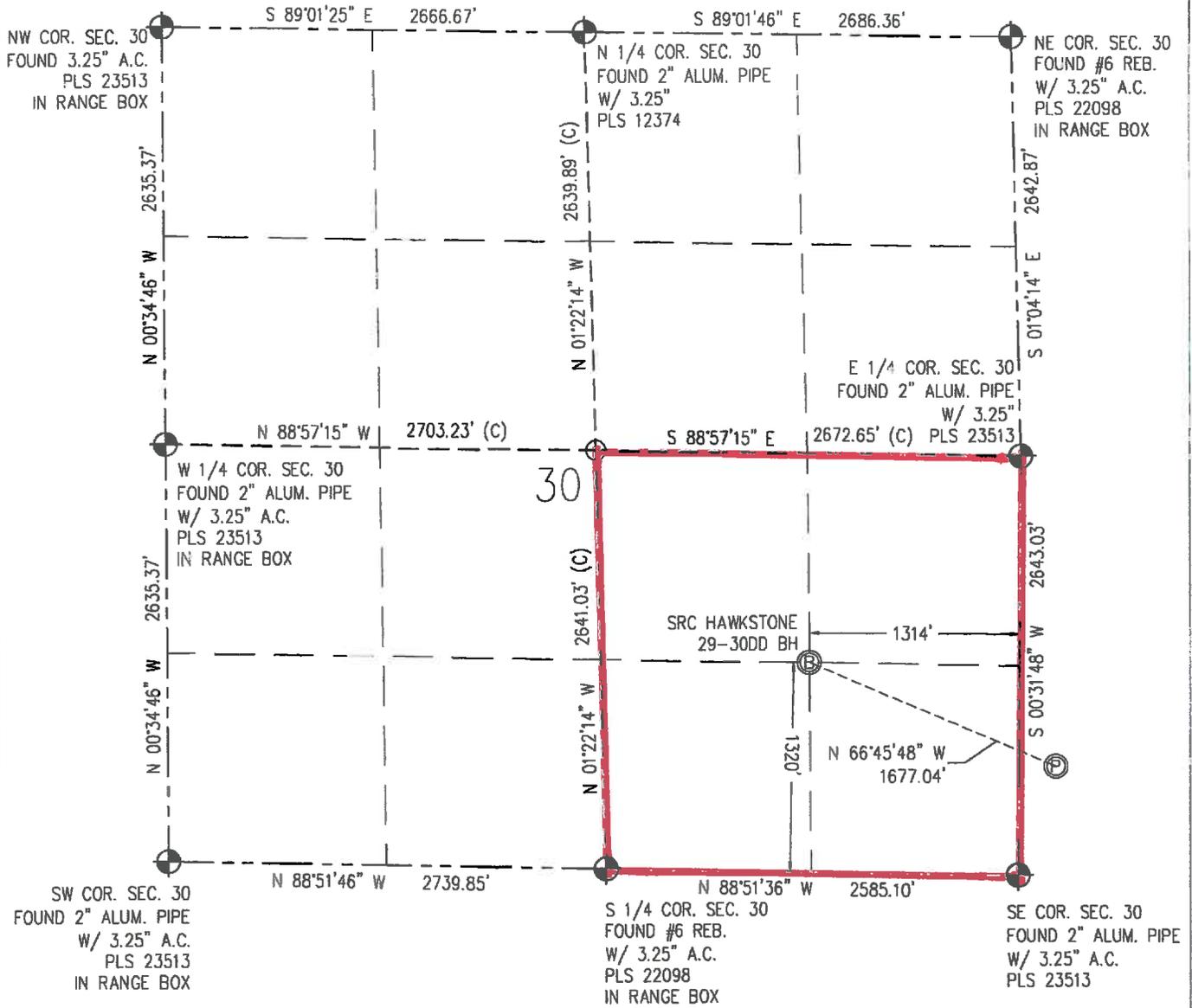
- - FOUND/SET SURVEY MONUMENT PER MONUMENT RECORD EXCEPTIONS NOTED.
- - CALCULATED SURVEY MONUMENT POSITION
- (C) - CALCULATED DIMENSION

AARON A. DEMO Completed  
Professional Land Surveyor Registration No. 38285 12/17/2013  
State of Colorado  
FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

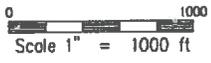
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification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

# 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 HAWKSTONE 29-30DD TO BE 690' FSL AND 233' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 29, TOWNSHIP 7 NORTH, RANGE 65 WEST AND THE BOTTOM HOLE LOCATION TO BE 1320' FSL AND 1314' FEL OF SECTION 30, TOWNSHIP 7 NORTH, RANGE 65 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 12/9/2013, 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.



- 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: NORTHERN PROP 14-29 351' SE.
  - 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
  - 7) SURFACE USE: SEASONAL AGRICULTURAL.
  - 8) OPERATOR NAME: BRETT BIRCH.

**SURFACE HOLE:**  
 LATITUDE: 40.540633° N  
 LONGITUDE: 104.695816° W  
 PDOP: 1.4  
 1/4, 1/4: SW1/4SW1/4  
 NEAREST PROPERTY LINE: 325' S

**BOTTOM HOLE:**  
 LATITUDE: 40.542486° N  
 LONGITUDE: 104.701337° W

**LEGEND**

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

AARON A. DEMKO Completed  
 Professional Land Surveyor Registration No. 38285 12/17/2013  
 State of Colorado  
 FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

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.