



June 20, 2014

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

Re: 30 Day Certification Letter – Rule 318 A.(e)  
Weld 152 #31-10CHZ  
Township 6 North, Range 67 West  
Section 10  
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 consist of the N/2 of Section 10, T6N, R67W, creating a 320-acre wellbore spacing unit for the Codell formation. SRC is not the only owner within the proposed spacing unit and such obtained waivers from the remaining owner(s) within said proposed spacing unit as required under COGCC Rule 318A(I).e.

Enclosed is a copy of the plat illustrating the proposed wellbore spacing unit.

Thank you for your attention to this matter. SRC respectfully requests that the Director approve the captioned Horizontal well.

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

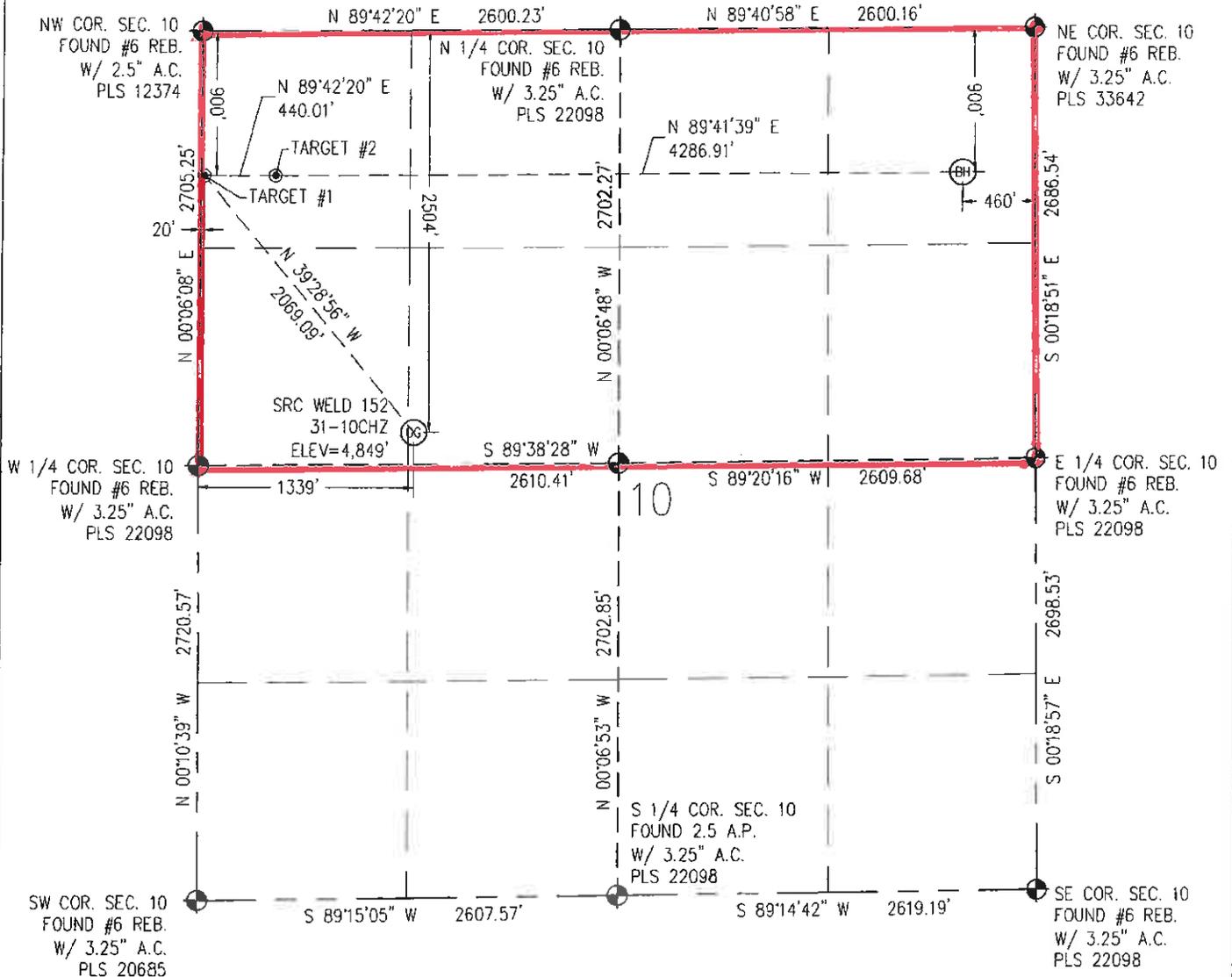
Sincerely,

*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 WELD 152 31-10CHZ TO BE 2,504' FNL AND 1,339' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 10, TOWNSHIP 6 NORTH, RANGE 67 WEST AND THE BOTTOM HOLE LOCATION TO BE 900' FNL AND 460' FEL OF SECTION 10, TOWNSHIP 6 NORTH, RANGE 67 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 4/20/2012, 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: NONE IN QUARTER SECTION.
  - 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
  - 7) SURFACE USE: CORN FIELD.

**SURFACE HOLE:**  
 LATITUDE: 40.502123° N  
 LONGITUDE: 104.884065° W  
 PDOP: 1.0  
 1/4, 1/4: SE1/4NW1/4  
 NEAREST PROPERTY LINE: 200' S

**TARGET #1:**  
 LATITUDE: 40.506530° N  
 LONGITUDE: 104.888755° W

**TARGET #2:**  
 LATITUDE: 40.506528° N  
 LONGITUDE: 104.887173° W

**BOTTOM HOLE:**  
 LATITUDE: 40.506508° N  
 LONGITUDE: 104.871761° 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 6/19/2013

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.