



July 10, 2014

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

**RE: COGCC Rule 318A.e.: Proposed Wellbore Spacing Unit
SRC Wiedeman A-5-4CHZ
NE/4 Section 5, T5N-R66W, NW/4 Section 4
Weld County, Colorado**

Dear Mr. Lepore:

Synergy Resource Corporation (Synergy) is planning to drill the above referenced well in accordance with the provisions set out in COGCC Rule 318A.e. Synergy's proposed wellbore spacing unit consists of:

SRC Wiedeman A-5-CHZ
NE/4 Section 5, T5N-R66W, NW/4 Section 4
Containing 320 acres more or less.

Synergy is not the only owner within the proposed wellbore spacing unit and has provided notice to the remaining owner(s) within this spacing unit, as required by COGCC Rule 318A.e.(6). Copies of the required notification letters are on file at Synergy's office. The required thirty (30) day notice period has elapsed absent the receipt by Synergy of any objection to their proposal by the owner(s) within the proposed spacing unit for the subject well.

Enclosed is the Proposed Spacing Unit Plat to assist in your review and approval of Synergy's proposed Application for Permit to Drill (APD) for the SRC Wiedeman A-5-4CHZ well. Synergy respectfully requests the COGCC review the enclosed information and approve the requested exception location waiver and APD for the SRC Wiedeman A-5-4CHZ.

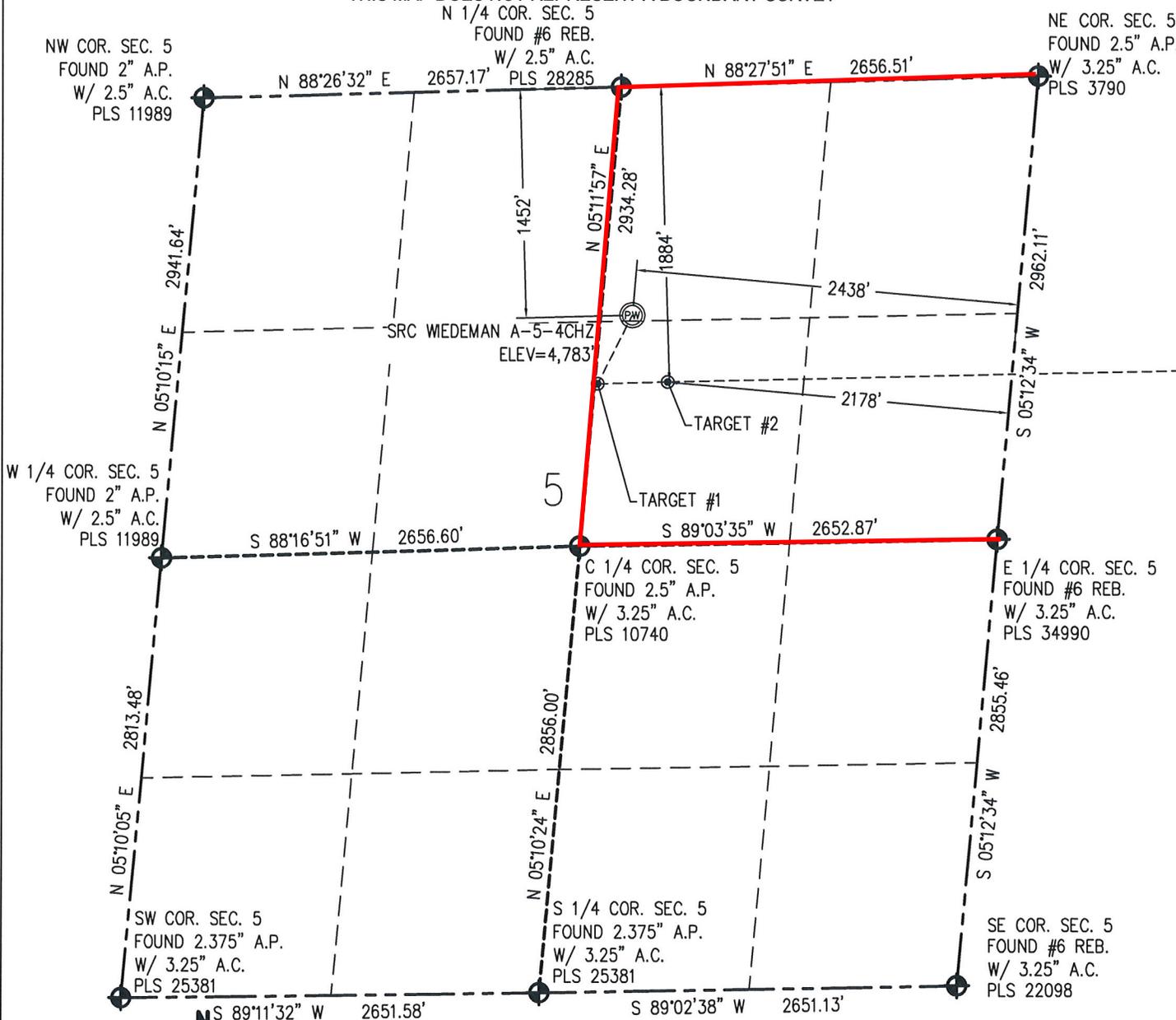
Respectfully,

Sonia Spencer
Project Manager and Permitting
Agent for Synergy Resources Corporation

Attachment: Proposed Spacing Unit Plats

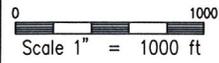
PROPOSED SPACING UNIT

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 WEDEMAN A-5-4CHZ TO BE 1452' FNL AND 2438' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 5, TOWNSHIP 5 NORTH, RANGE 66 WEST AND THE BOTTOM HOLE LOCATION TO BE 1884' FNL AND 2192' FNL OF SECTION 4, TOWNSHIP 5 NORTH, RANGE 66 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 3/26/2014, 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) 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:
GREELEY TECH CENTER NO. 41-5 2130' NE.
- 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
- 7) SURFACE USE: AGRICULTURAL FIELD.
- 8) OPERATOR NAME: BRETT BIRCH.

SURFACE HOLE:
 LATITUDE: 40.433192° N
 LONGITUDE: 104.801731° W
 PDOP: 2.0
 1/4, 1/4: NW1/4NE1/4
 NEAREST PROPERTY LINE: 200' W

BOTTOM HOLE:
 LATITUDE: 40.432195° N
 LONGITUDE: 104.785150° W

TARGET #1:
 LATITUDE: 40.431996° N
 LONGITUDE: 104.802535° W

TARGET #2:
 LATITUDE: 40.432019° N
 LONGITUDE: 104.800944° W

LEGEND

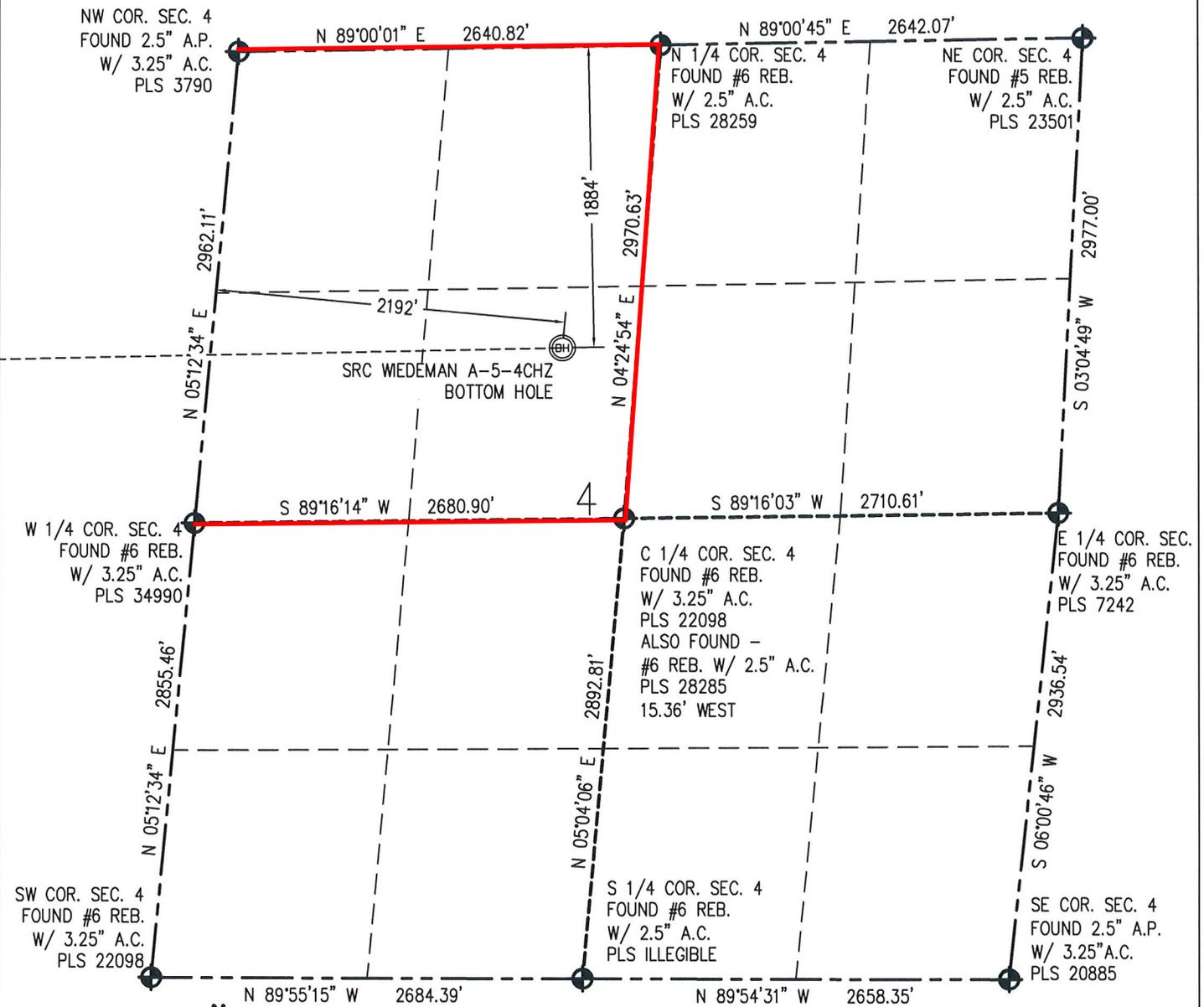
- - FOUND/SET SURVEY MONUMENT PER MONUMENT RECORD EXCEPTIONS NOTED.
- - CALCULATED SURVEY MONUMENT POSITION
- (C) - CALCULATED DIMENSION



AARON A. DEMO
 Professional Land Surveyor Registration No. 38285
 State of Colorado
 Completed 4/17/2014
 FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

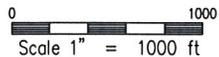
PROPOSED SPACING UNIT

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 WIEDEMAN A-5-4CHZ TO BE 1452' FNL AND 2438' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 5, TOWNSHIP 5 NORTH, RANGE 66 WEST AND THE BOTTOM HOLE LOCATION TO BE 1884' FNL AND 2192' FNL OF SECTION 4, TOWNSHIP 5 NORTH, RANGE 66 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 3/26/2014, 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) 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: GREELEY TECH CENTER NO. 41-5 200' NE.
 - 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
 - 7) SURFACE USE: AGRICULTURAL FIELD.
 - 8) OPERATOR NAME: BRETT BIRCH.

SURFACE HOLE:
 LATITUDE: 40.433192° N
 LONGITUDE: 104.801731° W
 PDOP: 2.0
 1/4, 1/4: NW1/4NE1/4
 NEAREST PROPERTY LINE: 200' W

BOTTOM HOLE:
 LATITUDE: 40.432195° N
 LONGITUDE: 104.785150° W

TARGET #1:
 LATITUDE: 40.431996° N
 LONGITUDE: 104.802535° W

TARGET #2:
 LATITUDE: 40.432019° N
 LONGITUDE: 104.800944° 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 4/17/2014
 State of Colorado
 FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.