



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 22-5-4CHZ  
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 22-5-4CHZ  
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 22-5-CHZ well. Synergy respectfully requests the COGCC review the enclosed information and approve the requested exception location waiver and APD for the SRC Wiedeman 22-5-4CHZ.

Respectfully,

Sonia Spencer  
Project Manager and Permitting  
Agent for Synergy Resources Corporation

Attachment: Proposed Spacing Unit Plats

EDITED BY IPT  
5/8/14, RM

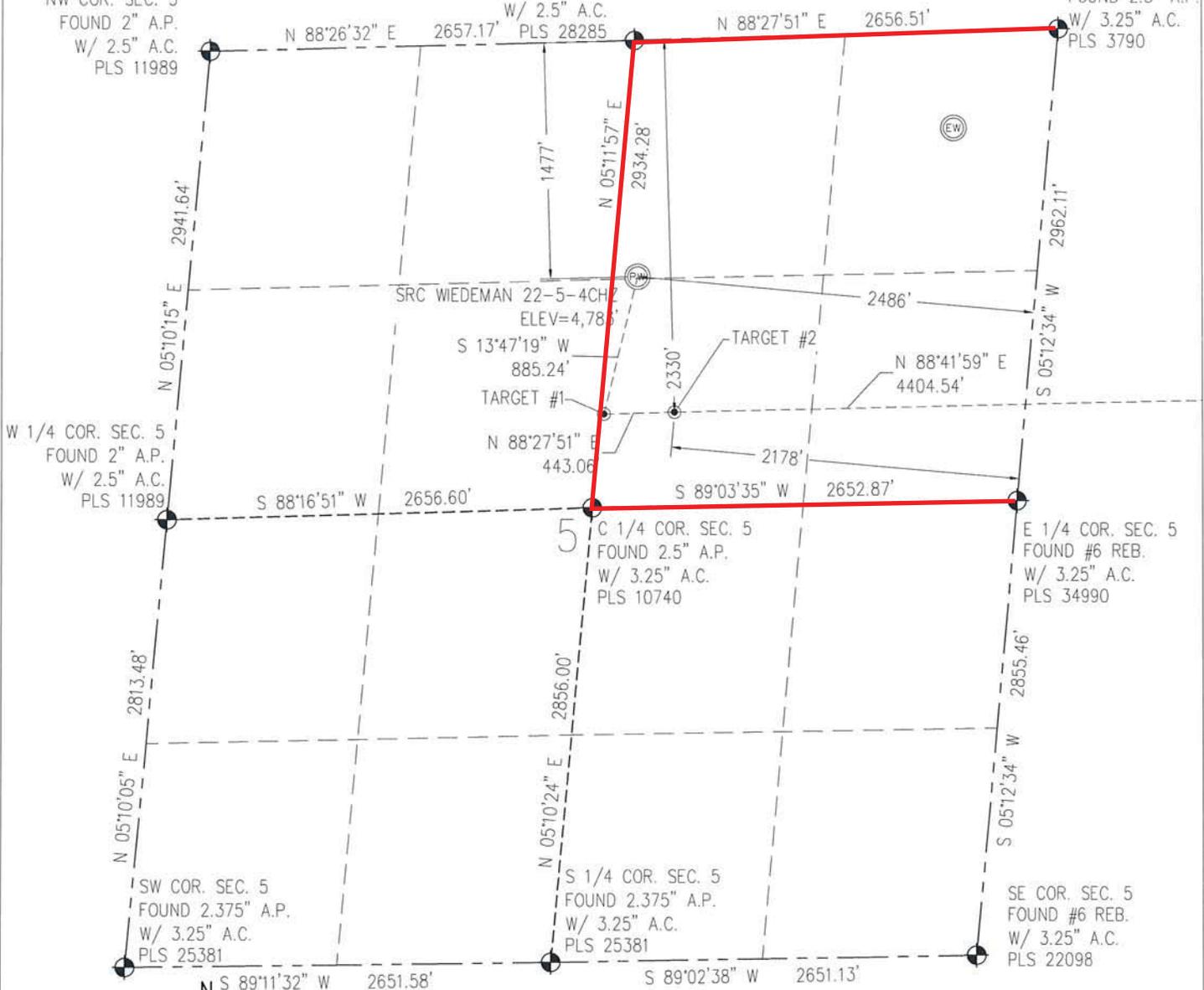
# PROPOSED SPACING UNIT

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

N 1/4 COR. SEC. 5  
FOUND #6 REB.  
W/ 2.5" A.C.  
PLS 28285

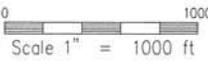
NE COR. SEC. 5  
FOUND 2.5" A.P.  
W/ 3.25" A.C.  
PLS 3790

NW COR. SEC. 5  
FOUND 2" A.P.  
W/ 2.5" A.C.  
PLS 11989



IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC WIEDEMAN 22-5-4CH2 TO BE 1477' FNL AND 2486' 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 2330' FNL AND 2198' FWL 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 2186' 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: 40.433123° N  
 LONGITUDE: 104.801912° W  
 PDOP: 1.4  
 1/4, 1/4: NW1/4NE1/4  
 NEAREST PROPERTY LINE: 152' W

**TARGET #1:**  
 LATITUDE: 40.430768° N  
 LONGITUDE: 104.802694° W

**TARGET #2:**  
 LATITUDE: 40.430791° N  
 LONGITUDE: 104.801103° W

**BOTTOM HOLE:**  
 LATITUDE: 40.430969° N  
 LONGITUDE: 104.785287° W



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

Completed  
4/17/2014

### LEGEND

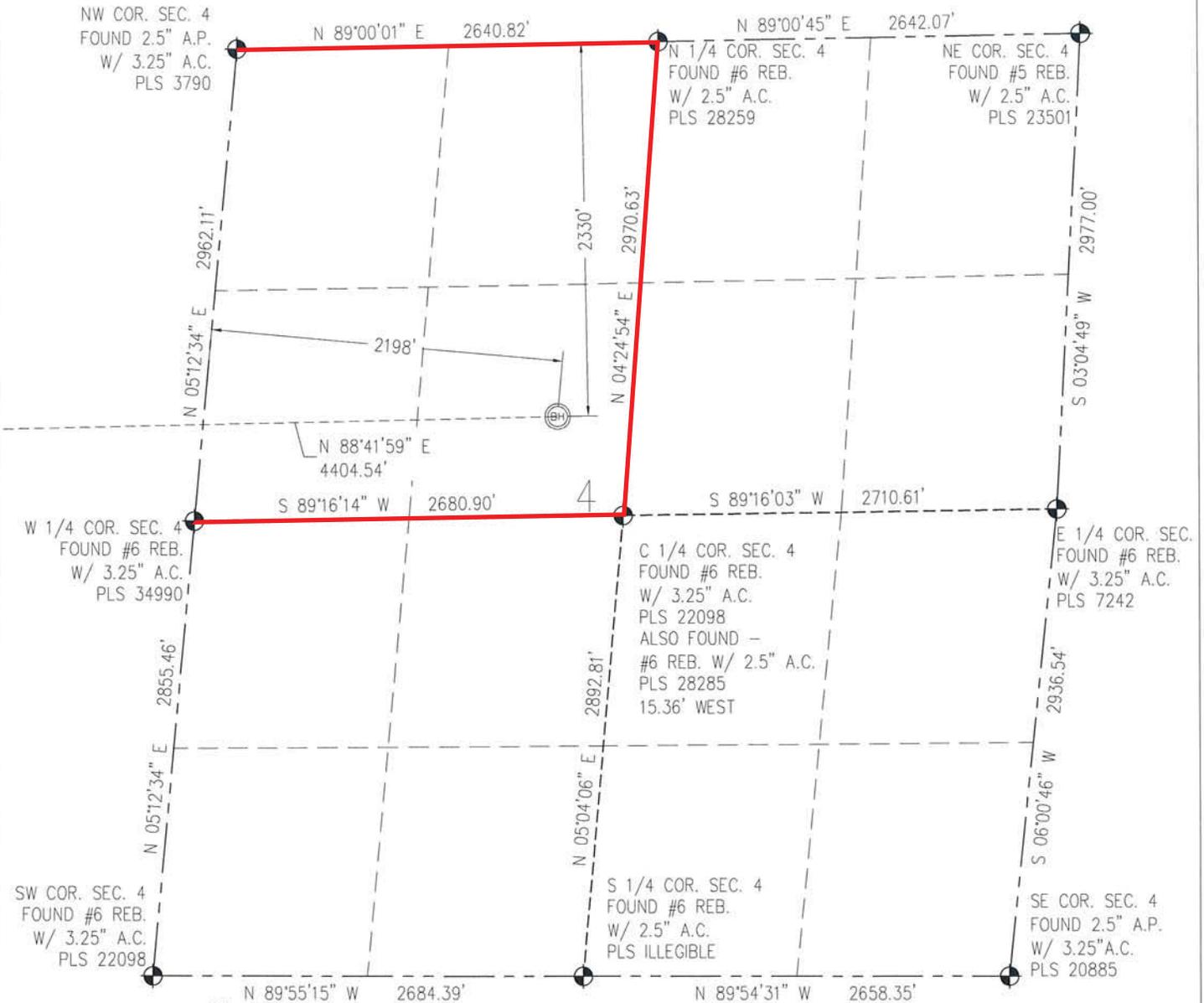
- - FOUND/SET SURVEY MONUMENT PER MONUMENT RECORD EXCEPTIONS NOTED.
- - CALCULATED SURVEY MONUMENT POSITION
- (c) - CALCULATED DIMENSION

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 herein.

EDITED BY IPT  
5/8/14, RM

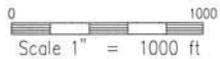
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