

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 34
TOWNSHIP 4 NORTH
RANGE 68 WEST

N 1/4 COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

NW COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

N 88°44'01" E 2641.64'

N 88°43'53" E 2641.65'

NE COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

N 00°17'38" W 2639.11'

N 00°22'11" W 2650.36'

N 55°18'20" E 1124.61'

665'

534'

S 00°04'09" W 2662.03'

SRC COYLE 41-34D

ELEV=5110'

C 1/4 COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

W 1/4 COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

S 88°58'43" W 2644.98'

34

S 88°58'40" W 2621.11'

E 1/4 COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 16406

N 00°18'03" W 2639.44'

N 00°22'10" W 2650.43'

S 00°03'32" W 2662.03'

SW COR. SEC. 34

FOUND #6 REB.

W/ 3.25 B.C.

PLS 28286

S 89°13'02" W 2648.04'

S 1/4 COR. SEC. 34

FOUND #6 REB.

W/ 3.25 A.C.

PLS 7242

S 89°13'36" W 2601.09'

SE COR. SEC. 34

FOUND #6 REB.

W/ 3.25" A.C.

PLS 7242

(ALSO FOUND #6

REB. W/ 3.25" A.C.

PLS ILLEGIBLE

- 10' EAST

(DID NOT ACCEPT))



0 1000
Scale 1" = 1000 ft

IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC COYLE 41-34D TO BE 1,284' FNL AND 1,458' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 34, TOWNSHIP 4 NORTH, RANGE 68 WEST AND THE BOTTOM HOLE LOCATION TO BE 665' FNL AND 534' FEL OF SECTION 34, 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 08/03/2011, 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: WHEAT FIELD.

SURFACE HOLE:

LATITUDE: 40.273671° N

LONGITUDE: 104.985003° W

PDOP: 1.8

1/4, 1/4: NW1/4NE1/4

NEAREST PROPERTY LINE: 1,173' W

BOTTOM HOLE:

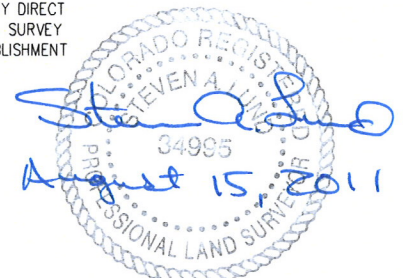
LATITUDE: 40.275413° N

LONGITUDE: 104.981677° W

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 hereon.



Steven A. Lund

Professional Land Surveyor Registration No. 34995

State of Colorado

FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

Completed

8/12/2011

JOB: SYN04N68W34-02