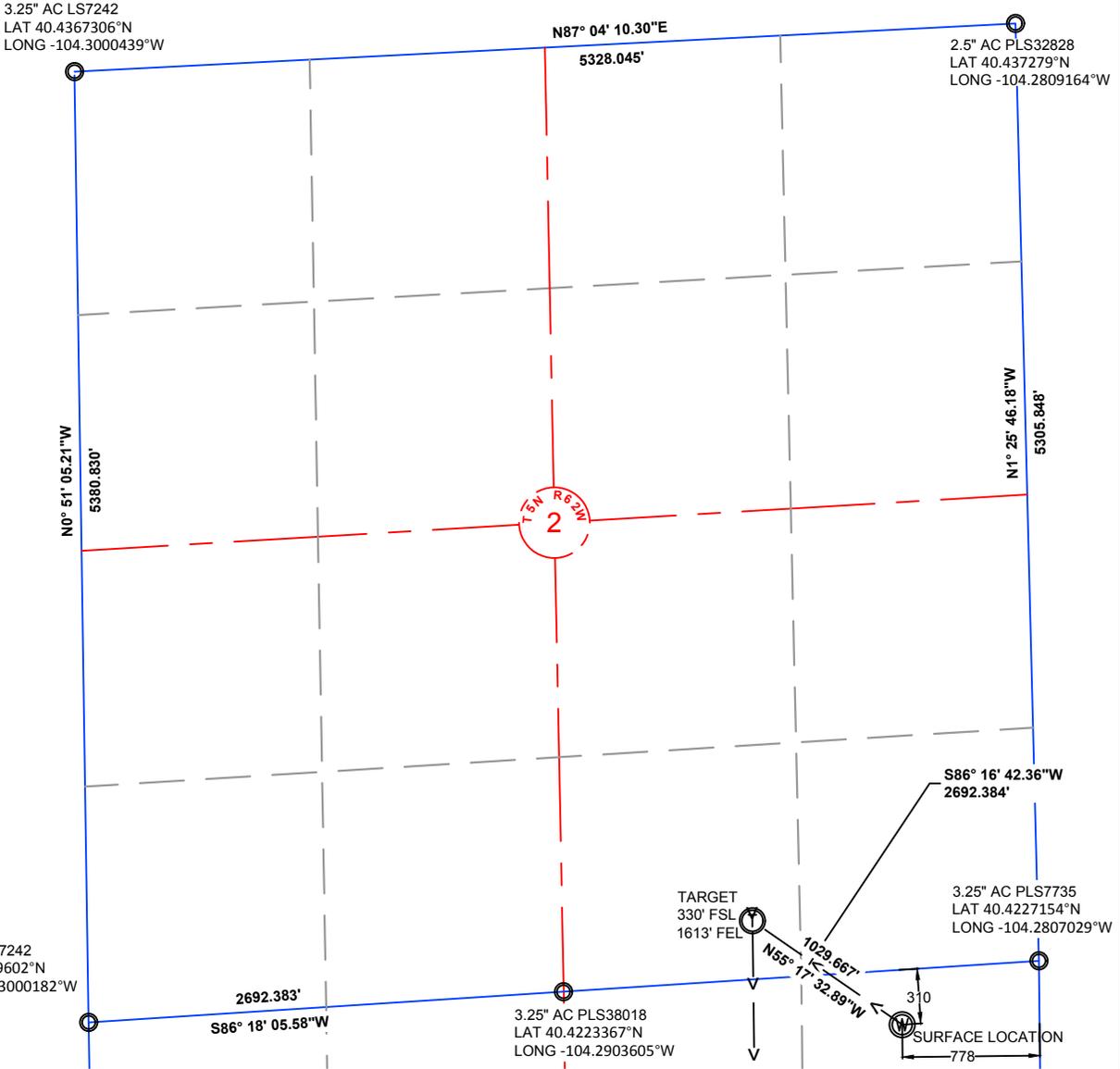


NOTE: UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS AFTER DATE OF THIS CERTIFICATE SHOWN HEREON. (13-80105 C.R.S)



NOTES:

- ALL BEARINGS ARE GRID BASED UPON THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD83(2011) DERIVED FROM POST-PROCESSED STATIC GPS OBSERVATIONS.
- DISTANCES ARE ON GRID
- VERTICAL DATUM IS NAVD88 BASED UPON GPS OBSERVATIONS
- PDOP VALUE EQUALS 2.2.
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- GROUND ELEVATION AT WELLHEAD = 4636'
- ALL SECTION LENGTHS ARE MEASURED DISTANCES UNLESS NOTED BY (R), RECORD BEARING AND DISTANCE.
- NEAREST CULTURAL DISTANCES  
 BUILDINGS: 5280' +/-  
 BUILDING UNIT: 5280' +/-  
 HIGH OCCUPANCY BUILDING UNIT: 5280'+  
 DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
 PUBLIC ROAD: 5280'+  
 ABOVE GROUND UTILITY: 933'+/-  
 RAILROAD: 5280'+  
 PROPERTY LINE: 310'+

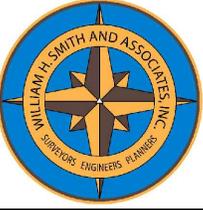
CERTIFICATE OF SURVEYOR:

I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON JUNE 27, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC. STATE ANTELOPE T34-2-14XRLNB AS STAKED DURING SAID SURVEY. THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY OR AN IMPROVEMENT LOCATION PLAT AND SHOULD NOT BE USED FOR THE ESTABLISHMENT OF BOUNDARY LINES.



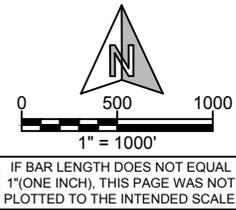
| 3             | NAD 83     |              | STATE PLANE COORDINATES |            |
|---------------|------------|--------------|-------------------------|------------|
| T34-2-14XRLNB | LATITUDE   | LONGITUDE    | NORTHING                | EASTING    |
| SURFACE       | 40.4217539 | -104.2834956 | 1398808.52              | 3338689.72 |
| TARGET 1      | 40.4233949 | -104.2865068 | 1399394.80              | 3337843.26 |
| MID LATERAL   | 40.4077390 | -104.2865190 | 1393691.87              | 3337917.90 |
| BOTTOM HOLE   | 40.3942790 | -104.2864289 | 1388789.23              | 3338010.08 |

| PAD CORNERS  | NAD 83     |              |
|--------------|------------|--------------|
| SA 41-11 PAD | LATITUDE   | LONGITUDE    |
| NW           | 40.422281  | -104.2841045 |
| NE           | 40.4223435 | -104.2824184 |
| SE           | 40.4212468 | -104.2823487 |
| SW           | 40.4211843 | -104.2840348 |



**WILLIAM H. SMITH & ASSOCIATES, Inc.**  
 155 N. 1st Street  
 Lander, WY 82520  
 Phone: 307-335-5646

Drawn By: MAM      Checked By: DAF  
 Job No.: 15043      Date: 06/22/16  
 Revision: RE-ORDERED/ADDED WELLS 12-05-17 MAM



LOCATION CERTIFICATE  
 STATE ANTELOPE  
**T34-2-14XRLNB**  
 SURFACE  
 NE¼ NE¼, SECTION 11,  
 T.5N., R.62W., 6th PM  
 WELD COUNTY, COLORADO

**BONANZA CREEK**  
 410 17th Street  
 Denver, CO 80202  
 (720) 440-6100

SHEET  
 1  
 OF  
 3

NOTE: UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS AFTER DATE OF THIS CERTIFICATE SHOWN HEREON. (13-80105 C.R.S.)

NOTES:

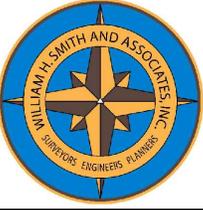
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 RAILROAD: 5280'+  
 PROPERTY LINE: 310'+

| 3             | NAD 83     |              | STATE PLANE COORDINATES |            |
|---------------|------------|--------------|-------------------------|------------|
| T34-2-14XRLNB | LATITUDE   | LONGITUDE    | NORTHING                | EASTING    |
| SURFACE       | 40.4217539 | -104.2834956 | 1398808.52              | 3338689.72 |
| TARGET 1      | 40.4233949 | -104.2865068 | 1399394.80              | 3337843.26 |
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| BOTTOM HOLE   | 40.3942790 | -104.2864289 | 1388789.23              | 3338010.08 |

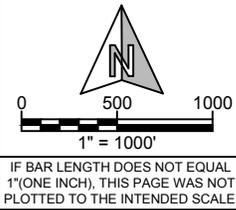
| PAD CORNERS  | NAD 83     |              |
|--------------|------------|--------------|
| SA 41-11 PAD | LATITUDE   | LONGITUDE    |
| NW           | 40.422281  | -104.2841045 |
| NE           | 40.4223435 | -104.2824184 |
| SE           | 40.4212468 | -104.2823487 |
| SW           | 40.4211843 | -104.2840348 |

CERTIFICATE OF SURVEYOR:

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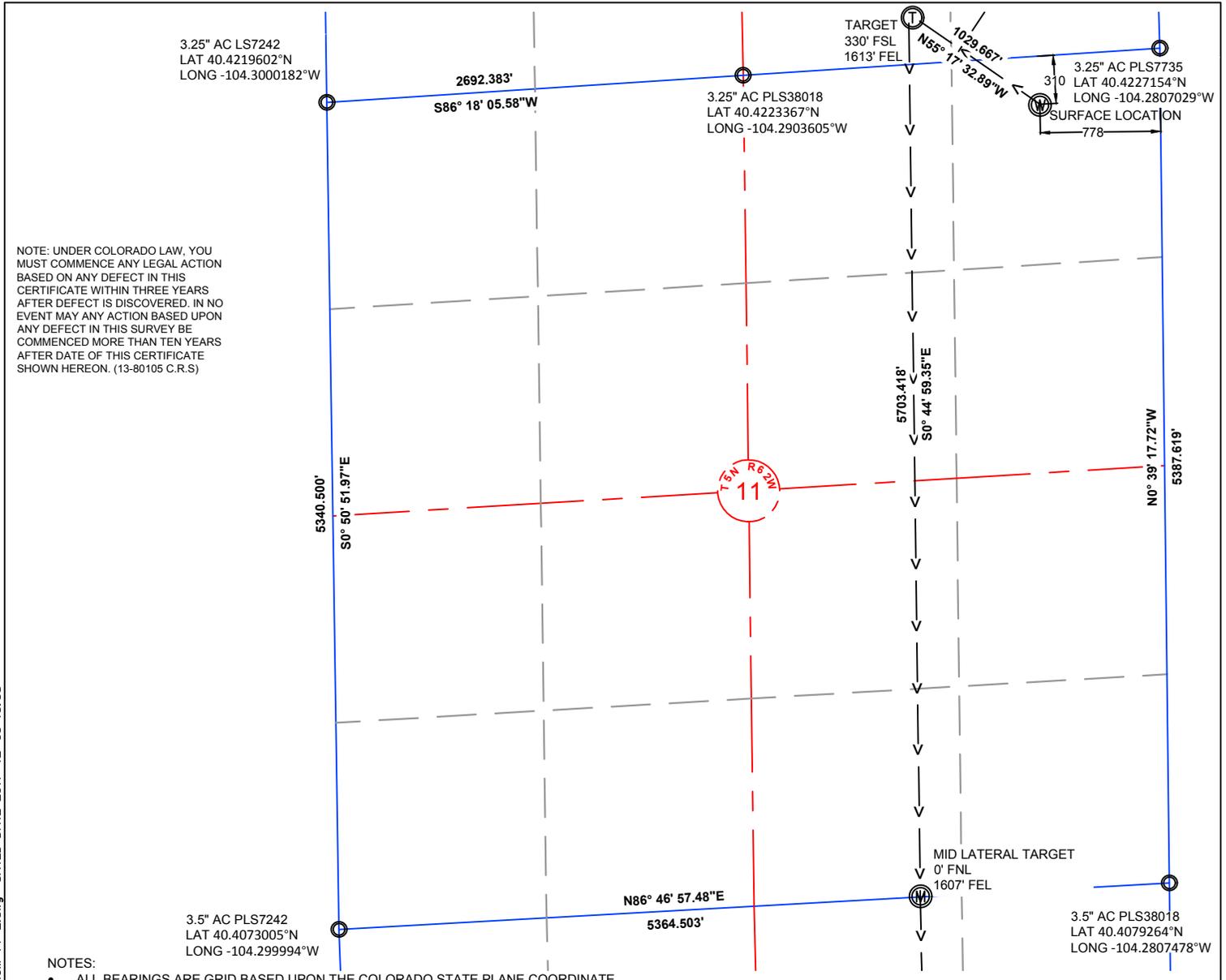
**WILLIAM H. SMITH & ASSOCIATES, Inc.**  
 155 N. 1st Street  
 Lander, WY 82520  
 Phone: 307-335-5646



LOCATION CERTIFICATE  
 STATE ANTELOPE  
**T34-2-14XRLNB**  
**LATERAL**  
 W½ E½, SECTION 11,  
 T.5N., R.62W., 6th PM  
**WELD COUNTY, COLORADO**

**BONANZA CREEK**  
 410 17th Street  
 Denver, CO 80202  
 (720) 440-6100

SHEET  
 2  
 OF  
 3



3.5" AC PLS7242  
LAT 40.4073005°N  
LONG -104.299994°W

N86° 46' 57.48"E  
5364.503'

MID LATERAL TARGET  
0' FNL  
1607' FEL

3.5" AC PLS38018  
LAT 40.4079264°N  
LONG -104.2807478°W

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N1° 55' 13.66"W  
5342.880'

5342.880'

4903.507'  
S1° 04' 38.02"E

1571

470

BOTTOM HOLE LOCATION

5387.486'

S0° 39' 23.67"E

3.5" AC PLS22098  
LAT 40.3926372°N  
LONG -104.2996106°W

5244.878'  
S87° 13' 33.95"W

3" AC PLS17492  
LAT 40.3931377°N  
LONG -104.2807921°W

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CERTIFICATE OF SURVEYOR:

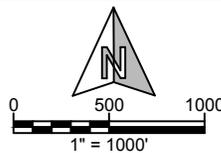
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|---------------|------------|--------------|-------------------------|------------|
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IF BAR LENGTH DOES NOT EQUAL 1"(ONE INCH), THIS PAGE WAS NOT PLOTTED TO THE INTENDED SCALE.

LOCATION CERTIFICATE

STATE ANTELOPE  
**T34-2-14XRLNB**  
**BOTTOM HOLE**  
SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SECTION 14,  
T.5N., R.62W., 6th PM  
WELD COUNTY, COLORADO



410 17th Street  
Denver, CO 80202  
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SHEET  
3  
OF  
3