

3.25° AC LS7242
LAT 40.4219602°N
LONG -104.3000182°W

3.25° AC PLS38018
LAT 40.4223367°N
LONG -104.2903605°W

2692.384'

S86° 16' 42.36"W
SURFACE LOCATION

3.25° AC PLS7735
LAT 40.4227154°N
LONG -104.2807029°W

2692.383'
S86° 18' 05.58"W

TARGET
531' FNL
1075' FEL

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)

5340.500'
S0° 50' 51.97"E

T.5N R.62W
11

5387.619'
N0° 39' 17.72"W

N86° 46' 57.48"E
5364.503'

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

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

MID LATERAL TARGET
0' FNL
1071' FEL

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.
- GPS OPERATOR: DAVE FEHRINGER.
- GROUND ELEVATION AT WELLHEAD = 4636.2'
- 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: 893'+/-
RAILROAD: 5280'+
PROPERTY LINE: 270'+

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 P41-11-14XRLNB 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.

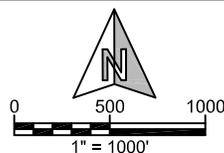


| 1 | NAD 83 | | STATE PLANE COORDINATES | |
|----------------|------------|--------------|-------------------------|-------------|
| P41-11-14XRLNB | LATITUDE | LONGITUDE | NORTHING | EASTING |
| SURFACE | 40.4218636 | -104.2835026 | 1398848.443 | 3338687.23 |
| TARGET 1 | 40.4211044 | -104.2845688 | 1398567.816 | 3338394.193 |
| MID LATERAL | 40.4078015 | -104.2845941 | 1393721.983 | 3338453.586 |
| BOTTOM HOLE | 40.394329 | -104.2845475 | 1388814.606 | 3338533.827 |

| 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
Job No.: 15043
Revision:

Checked By: DAF
Date: 07/06/16

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

LOCATION CERTIFICATE

STATE ANTELOPE
P41-11-14XRLNB
SURFACE
NE $\frac{1}{4}$ NE $\frac{1}{4}$, 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
2

Z:\PROJECTS\1319-01_BONANZA\5N-62W\DWG\STATE ANTELOPE 41-11-11 CERT.dwg SAVED DATE 2016-10-23 18:05

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

N86° 46' 57.48"E
5364.503'

MID LATERAL TARGET
0' FNL
1071' FEL

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

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N1° 55' 13.66"W
5342.880'

T.5N R.62W
14

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

BOTTOM HOLE LOCATION
1047
470

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

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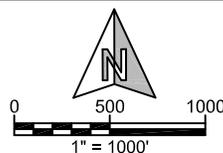


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| SW | 40.4211843 | -104.2840348 |



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P41-11-14XRLNB
BOTTOM HOLE
SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 14,
T.5N., R.62W., 6th PM
WELD COUNTY, COLORADO

BONANZA CREEK
410 17th Street
Denver, CO 80202
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SHEET
2
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2