

3.25" AC LS7242
LAT 40.4367306°N
LONG -104.3000439°W

N87° 04' 10.30"E

5328.045'

2.5" AC PLS32828
LAT 40.437279°N
LONG -104.2809164°W

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.)

N0° 51' 05.21"W
5380.830'

N1° 25' 46.18"W
5305.848'

T.5N. R.62W.
2

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

811
948.640'
S56° 44' 29.78"W
798
SURFACE LOCATION
TARGET
330' FSL
10' FWL

S86° 18' 05.58"W
2692.383'

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

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

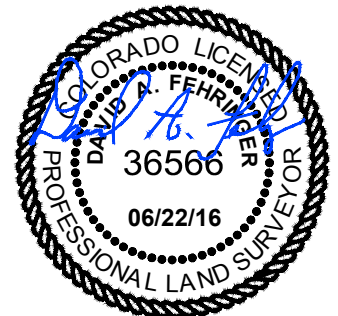
S86° 16' 42.36"W
2692.384'

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 1.6
- GPS OPERATOR: MARC MAYER
- GROUND ELEVATION AT WELLHEAD = 4623.56'
- 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: 415' +/-
RAILROAD: 5280'+
PROPERTY LINE: 811' +/-

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 03, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC. STATE ANTELOPE E-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.

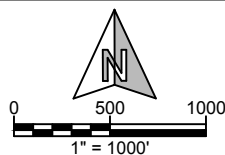


3	NAD 83		STATE PLANE COORDINATES	
E-2-14XRLNB	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.4242670	-104.2971096	1399672.26	3334887.24
TARGET 1	40.4228686	-104.2999839	1399152.01	3334093.99
MID LATERAL	40.4073017	-104.2999581	1393481.64	3334177.91
BOTTOM HOLE	40.3939282	-104.2996085	1388611.47	3334341.21

PAD CORNERS		NAD 83	
SA 14-2 PAD		LATITUDE	LONGITUDE
NW		40.4248119	-104.2977952
NE		40.4243171	-104.2956531
SE		40.4232373	-104.2956674
SW		40.4232007	-104.2978115



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



Drawn By: MAM
Job No.: 15043
Checked By: DAF
Date: 06/22/16
Revision: Wells 1-5 location change 12/04/17 MAM

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

LOCATION CERTIFICATE

STATE ANTELOPE
E-2-14XRLNB
SURFACE
SW¼ SW¼, SECTION 2,
T.5N., R.62W., 6th PM
WELD COUNTY, COLORADO



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

SHEET
1
OF
3

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NOTES:

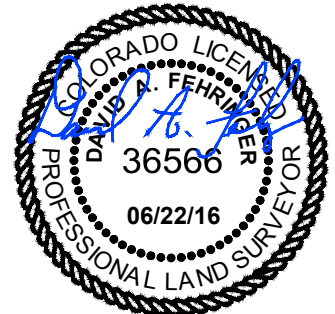
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E-2-14XRLNB	LATITUDE	LONGITUDE	NORTHING	EASTING
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TARGET 1	40.4228686	-104.2999839	1399152.01	3334093.99
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PAD CORNERS	NAD 83	
SA 14-2 PAD	LATITUDE	LONGITUDE
NW	40.4248119	-104.2977952
NE	40.4243171	-104.2956531
SE	40.4232373	-104.2956674
SW	40.4232007	-104.2978115

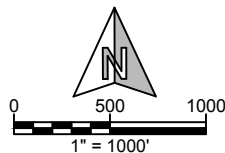
CERTIFICATE OF SURVEYOR:

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Date: 06/22/16
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LOCATION CERTIFICATE

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

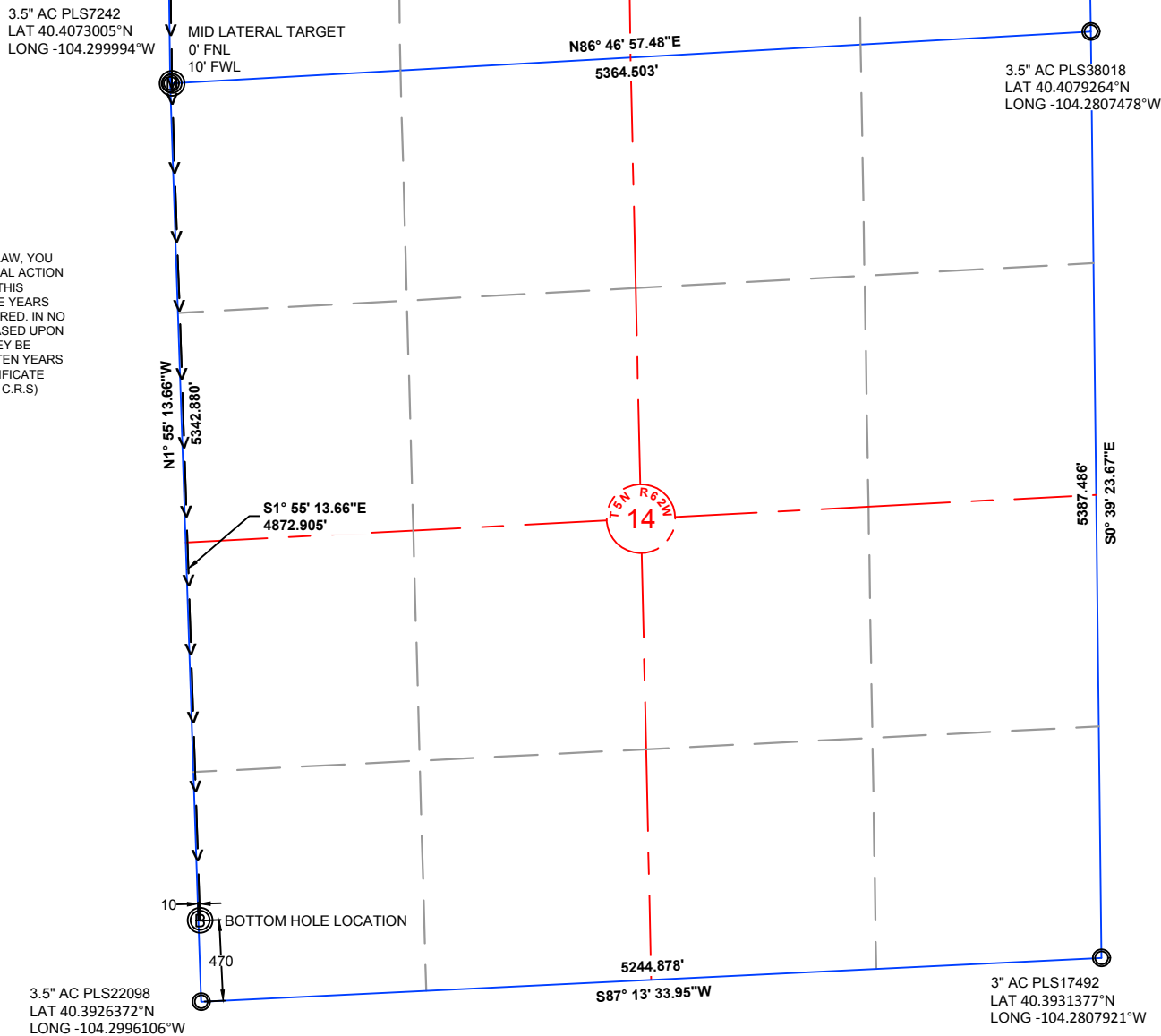


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SHEET
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Z:\PROJECTS\1319-01_BONANZA\SN-62W.DWG STATE ANTELOPE 14-2\14-2 CERT REV 12-04-17.dwg SAVED DATE 2017-12-05 16:50

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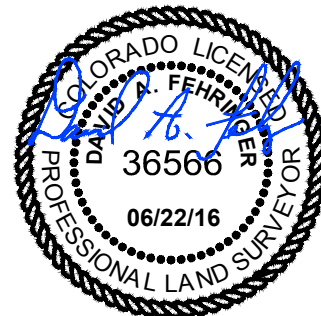
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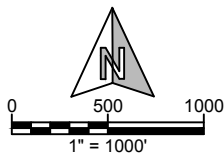


PAD CORNERS		NAD 83	
SA 14-2 PAD		LATITUDE	LONGITUDE
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LOCATION CERTIFICATE

STATE ANTELOPE
E-2-14XRLNB
BOTTOM HOLE

SW $\frac{1}{4}$ SW $\frac{1}{4}$, 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