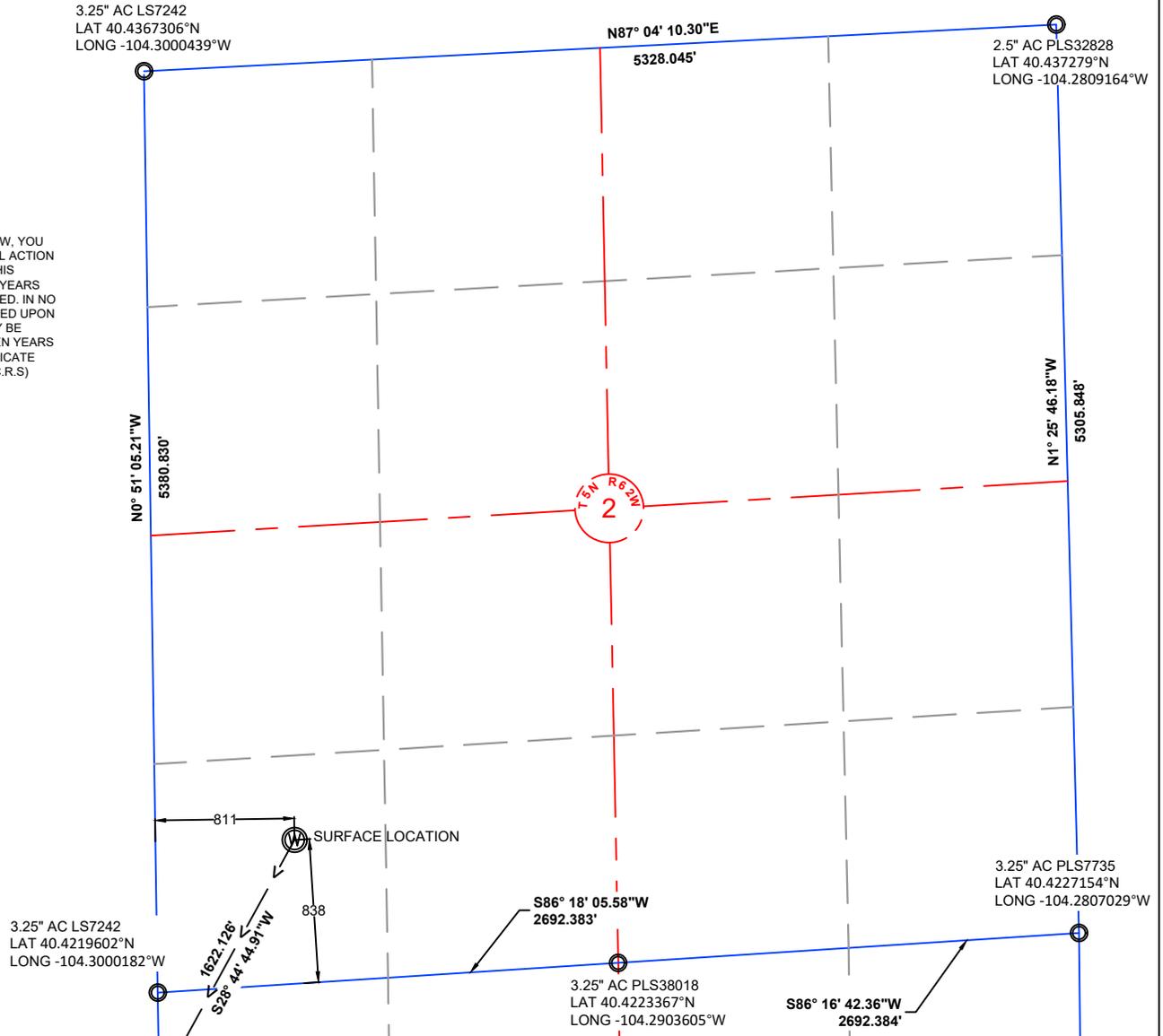


NOTE: UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS AFTER DATE OF THIS CERTIFICATE SHOWN HEREON. (13-80105 C.R.S)



NOTES:

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- 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 = 4623.48'
- 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: 427' +/-
 RAILROAD: 5280'+
 PROPERTY LINE: 811' +/-

CERTIFICATE OF SURVEYOR:

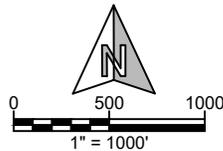
I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON JUNE 03, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC. STATE ANTELOPE A-11-14XRLNB AS STAKED DURING SAID SURVEY. 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	
	LATITUDE	LONGITUDE	NORTHING	EASTING
A-11-14XRLNB				
SURFACE	40.4243768	-104.2971089	1399712.254	3334886.882
TARGET 1	40.4205022	-104.2999799	1398290.035	3334106.762
MID LATERAL	40.4073017	-104.299958	1393481.636	3334177.914
BOTTOM HOLE	40.3939282	-104.2996085	1388611.467	3334341.209

PAD CORNERS	NAD 83	
	LATITUDE	LONGITUDE
SA 14-2 PAD		
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



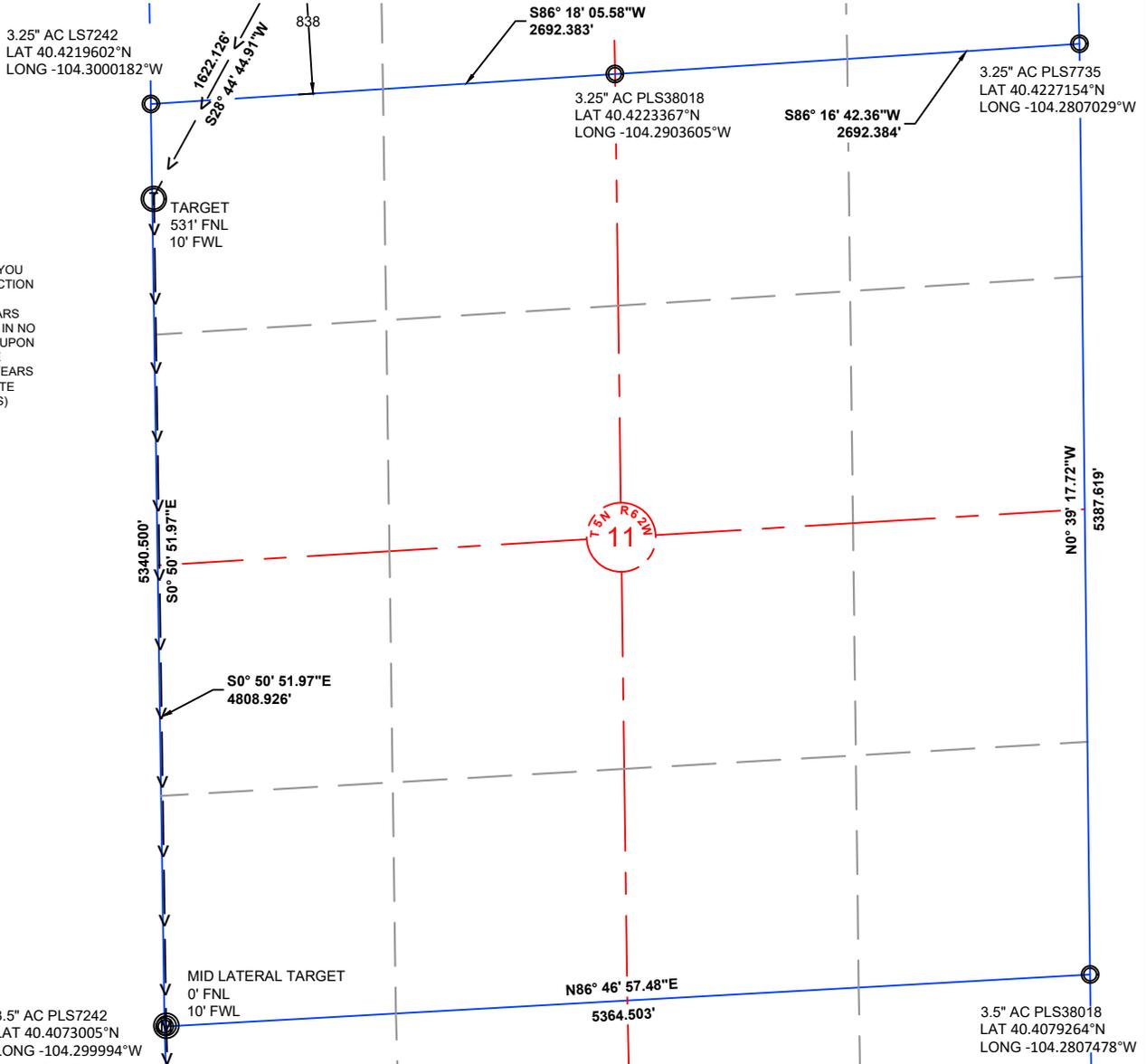
Drawn By: MAM
 Job No.: 15043
 Checked By: DAF
 Date: 06/22/16
 Revision:

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

LOCATION CERTIFICATE
 STATE ANTELOPE
A-11-14XRLNB
SURFACE
 SW¼ SW¼, SECTION 2,
 T.5N., R.62W., 6th PM
 WELD COUNTY, COLORADO

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

SHEET
 1
 OF
 3



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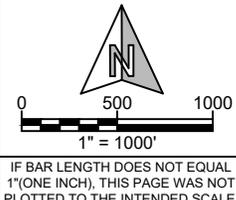


1	NAD 83		STATE PLANE COORDINATES	
	LATITUDE	LONGITUDE	NORTHING	EASTING
A-11-14XRLNB	40.4243768	-104.2971089	1399712.254	3334886.882
TARGET 1	40.4205022	-104.2999799	1398290.035	3334106.762
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BOTTOM HOLE	40.3939282	-104.2996085	1388611.467	3334341.209

PAD CORNERS	NAD 83	
	LATITUDE	LONGITUDE
SA 14-2 PAD		
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NE	40.4243171	-104.2956531
SE	40.4232373	-104.2956674
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WILLIAM H. SMITH & ASSOCIATES, Inc.
 155 N. 1st Street
 Lander, WY 82520
 Phone: 307-335-5646



LOCATION CERTIFICATE
 STATE ANTELOPE
A-11-14XRLNB
LATERAL
 W½ W½, 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

Drawn By: MAM Checked By: DAF
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3.5" AC PLS7242
LAT 40.4073005°N
LONG -104.299994°W

MID LATERAL TARGET
0' FNL
10' FWL

N86° 46' 57.48"E
5364.503'

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

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S1° 55' 13.40"E
4872.905'

N1° 55' 13.66"W
5342.880'

10
470
BOTTOM HOLE LOCATION

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

S87° 13' 33.95"W
5244.878'

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

S0° 39' 23.67"E
5387.486'

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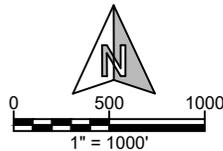
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PAD CORNERS	NAD 83	
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SA 14-2 PAD		
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LOCATION CERTIFICATE
STATE ANTELOPE
A-11-14XRLNB
BOTTOM HOLE
W½ W½, SECTION 14,
T.5N., R.62W., 6th PM
WELD COUNTY, COLORADO

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