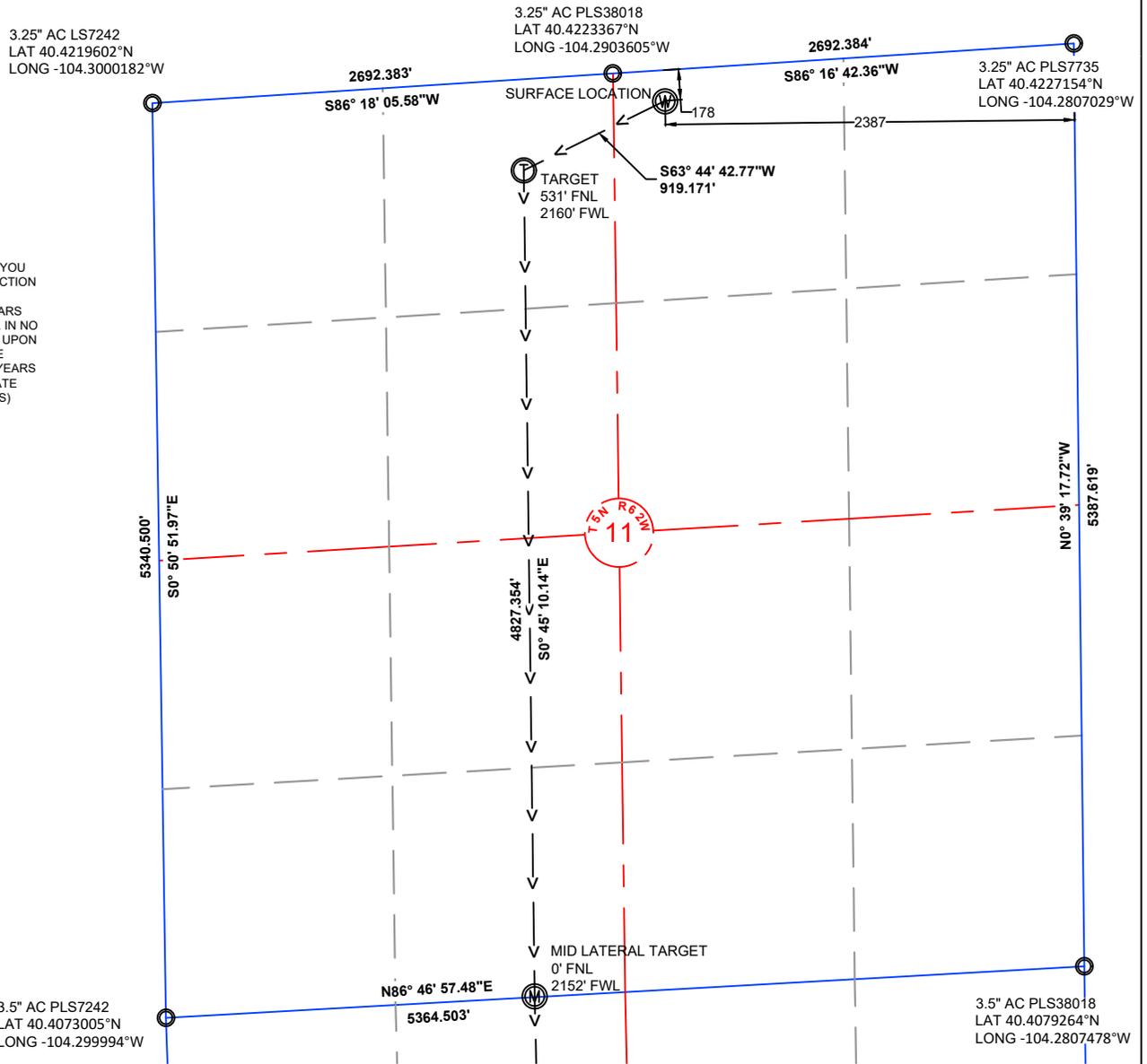


NOTE: UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS AFTER DATE OF THIS CERTIFICATE SHOWN HEREON. (13-80105 C.R.S)



- 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 1.6.
 - GPS OPERATOR: MARC MAYER.
 - GROUND ELEVATION AT WELLHEAD = 4603.8'
 - 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: 824' +/-
 RAILROAD: 5280'+
 PROPERTY LINE: 178' +/-

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 21-11-14XRLNB 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.



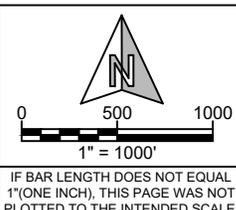
1	NAD 83		STATE PLANE COORDINATES	
	LATITUDE	LONGITUDE	NORTHING	EASTING
21-11-14XRLNB	40.4218885	-104.2892779	1398835.50	3337079.29
SURFACE	40.4218885	-104.2892779	1398835.50	3337079.29
TARGET 1	40.4208033	-104.2922583	1398428.89	3336254.94
MID LATERAL	40.4075522	-104.2922667	1393601.96	3336318.37
BOTTOM HOLE	40.3941284	-104.2920943	1388712.82	3336432.99

PAD CORNERS	NAD83	
	LATITUDE	LONGITUDE
SA 31-11 PAD	40.4223216	-104.2903657
NW	40.4223216	-104.2903657
NE	40.4223313	-104.2886724
SE	40.4213608	-104.2886011
SW	40.421281	-104.2903308



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: 06/28/16
 Revision:



LOCATION CERTIFICATE
 STATE ANTELOPE
21-11-14XRLNB
SURFACE
 NW $\frac{1}{4}$ 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

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

MID LATERAL TARGET
0' FNL
2152' FWL

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

N86° 46' 57.48"E
5364.503'

N1° 55' 13.66"W
5342.880'

4890.483'
S1° 20' 34.73"E

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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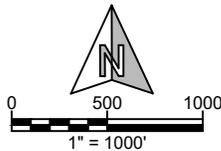
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Drawn By: MAM
Job No.: 15043
Checked By: DAF
Date: 06/28/16
Revision:

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

LOCATION CERTIFICATE
STATE ANTELOPE
21-11-14XRLNB
BOTTOM HOLE
SE 1/4 SW 1/4, SECTION 14,
T.5N., R.62W., 6th PM
WELD COUNTY, COLORADO

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

SHEET
2
OF
2