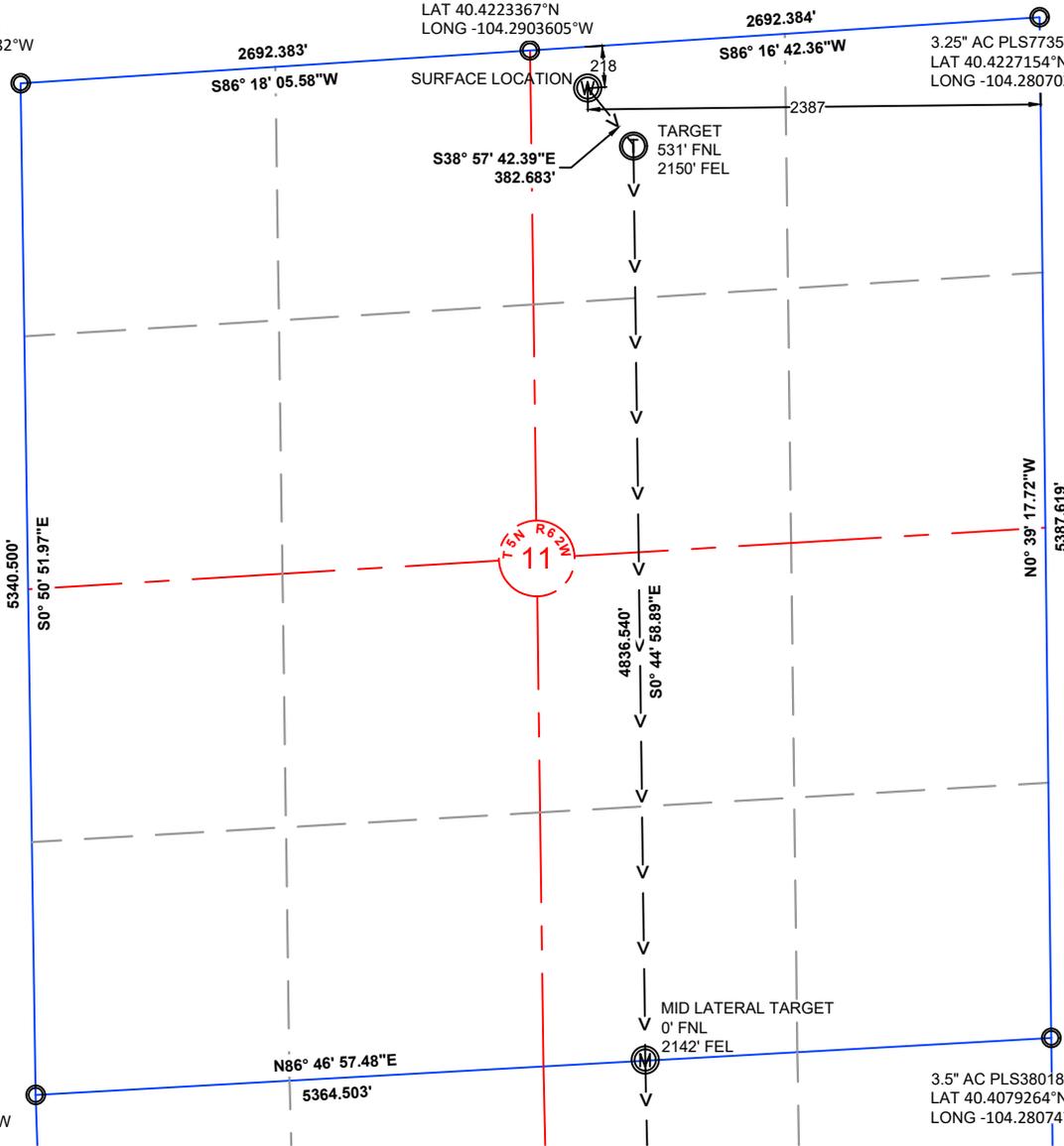


3.25" AC LS7242
LAT 40.4219602°N
LONG -104.3000182°W

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

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



3.5" AC PLS7242
LAT 40.4073005°N
LONG -104.2999994°W

N86° 46' 57.48"E
5364.503'

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

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: 864' +/-
RAILROAD: 5280'+
PROPERTY LINE: 218' +/-

CERTIFICATE OF SURVEYOR:

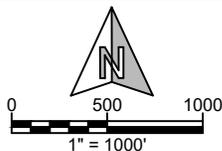
I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON JUNE 03, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC. STATE ANTELOPE 31-11-14XRLNB AS STAKED DURING SAID SURVEY. THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY OR AN IMPROVEMENT LOCATION PLAT AND SHOULD NOT BE USED FOR THE ESTABLISHMENT OF BOUNDARY LINES.

3		STATE PLANE COORDINATES		
31-11-14XRLNB	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.4217787	-104.2892799	1398795.50	3337079.29
TARGET 1	40.4209529	-104.2884303	1398497.94	3337319.92
MID LATERAL	40.4076766	-104.2884403	1393661.81	3337383.20
BOTTOM HOLE	40.3942291	-104.2883068	1388763.90	3337487.34

PAD CORNERS		NAD83	
SA 31-11 PAD	LATITUDE	LONGITUDE	
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
Job No.: 15043
Revision:

Checked By: DAF
Date: 06/28/16

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

LOCATION CERTIFICATE
STATE ANTELOPE
31-11-14XRLNB
SURFACE
NW¼ 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
2

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

N86° 46' 57.48"E
5364.503'

MID LATERAL TARGET
0' FNL
2142' FEL

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

N1° 55' 13.66"W
5342.880'

4899.019'
S1° 13' 04.78"E

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
470' 2094'

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

NOTES:

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CERTIFICATE OF SURVEYOR:

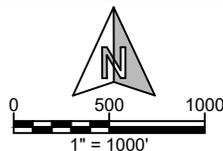
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BOTTOM HOLE
SW¼ SE¼, SECTION 14,
T.5N., R.62W., 6th PM
WELD COUNTY, COLORADO

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SHEET
2
OF
2