

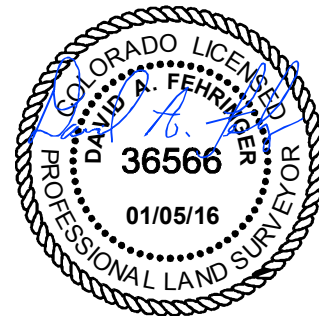
## NOTES:

- 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 1.2.
- GPS OPERATOR: MIKE JOHNSON.
- UNDISTURBED GROUND ELEVATION AT WELLHEAD = 4677.8'
- 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: 5280' +
  - RAILROAD: 5280' +
  - PROPERTY LINE: 410' +/-

2	NAD 83		STATE PLANE COORDINATES	
44-21-16XRLNB	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.37912	104.32109	1383138	3328429
TARGET 1	40.37945	104.32181	1383256	3328227
BOTTOM HOLE	40.40586	104.32359	1392868	3327603

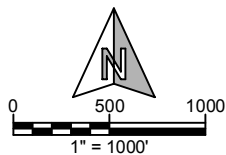
## CERTIFICATE OF SURVEYOR:

I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON JANUARY 08, 2016; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC., STATE ANTELOPE 44-21-16XRLNB 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.



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

Drawn By: MAM  
Job No.:  
Checked By: DAF  
Date: 01/05/16  
Revision: 1 1/10/16 SECTION TIE CHANGE



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

## LOCATION CERTIFICATE

STATE ANTELOPE  
44-21-16XRLNB  
SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SECTION 21,  
T.5N., R.62W., 6th PM  
WELD COUNTY, COLORADO



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

SHEET

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OF

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