

3.25" AC LS7735
WITH STONE
LAT 40.40849°N
LONG 104.26190°W

SURFACE LOCATION

428

S87°21'27"E
496.01'

TARGET 1
460'FNL; 1970'FWL

5296.79'

S89°00'32"W

3.25" AC LS7242
LAT 40.40854°N
LONG 104.24288°W

1465

4460.16'
S01°09'28"E

T5N R6W
18

N00°53'56"W
5358.88'

BOTTOM HOLE LOCATION
470'FSL, 1960'FWL

3.25" AC LS7735
LAT 40.39364°N
LONG 104.26177°W

S01°09'28"E
5408.68'

5272.67'

S88°28'05"W

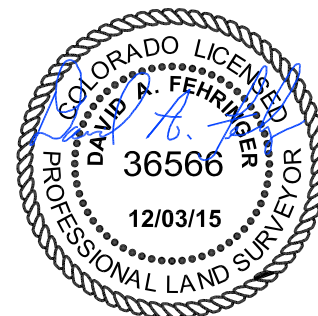
3.25" AC LS7242
LAT 40.39383°N
LONG 104.24285°W

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: MIKE JOHNSON.
- UNDISTURBED GROUND ELEVATION AT WELLHEAD = 4565'
- 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: 421'+
ABOVE GROUND UTILITY: 401' +/-
RAILROAD: 5280'+
PROPERTY LINE: 1465' +/-

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 DECEMBER 15, 2015; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC., PRONGHORN 21-24-18HNB 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.

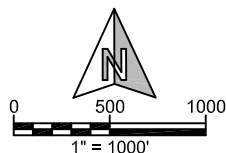


11	STATE PLANE COORDINATES			
21-24-18HNB	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.4073300	104.2566300	1393658.17	3346242.64
TARGET 1	40.4072481	-104.2548521	1393635.30	3346738.12
BOTTOM HOLE	40.3950100	104.2547500	1389176.05	3346828.23



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

Drawn By: MAM
Job No.:
Revision: Revise Target Location 3/29/18 - MAM



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

LOCATION CERTIFICATE

PRONGHORN
21-24-18HNB
NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 18,
T.5N., R.61W., 6th PM
WELD COUNTY, COLORADO



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

SHEET

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OF

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