

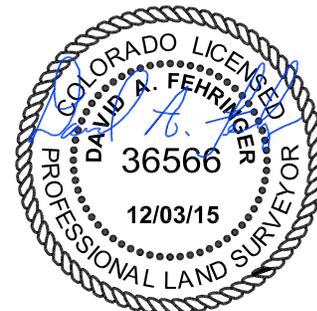
NOTE: UNDER COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS CERTIFICATE WITHIN THREE YEARS AFTER DEFECT IS DISCOVERED. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS AFTER DATE OF THIS CERTIFICATE SHOWN HEREON. (13-80105 C.R.S)

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: 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: 1405' +/-

CERTIFICATE OF SURVEYOR:

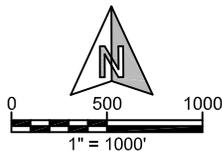
I, DAVID A. FEHRINGER OF LANDER, WYOMING HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED FROM NOTES TAKEN DURING AN ACTUAL SURVEY ON DECEMBER 15, 2015; AND THAT IT CORRECTLY SHOWS THE DRILLING LOCATION OF BONANZA CREEK ENERGY, INC., PRONGHORN F-J-18HNB AS STAKED DURING SAID SURVEY. THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY OR AN IMPROVEMENT LOCATION PLAT AND SHOULD NOT BE USED FOR THE ESTABLISHMENT OF BOUNDARY LINES.



10		STATE PLANE COORDINATES		
F-J-18HNB	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.4073300	104.2568460	1393657.33	3346182.49
TARGET 1	40.4072419	-104.2573549	1393623.249	3346041.22
BOTTOM HOLE	40.3949800	104.2570900	1389158.67'	3346178.45'



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

Checked By: DAF
 Date: 09/03/15
 IF BAR LENGTH DOES NOT EQUAL 1"(ONE INCH), THIS PAGE WAS NOT PLOTTED TO THE INTENDED SCALE.

LOCATION CERTIFICATE

PRONGHORN
 F-J-18HNB
 NE 1/4 NW 1/4, SECTION 18,
 T.5N., R.61W., 6th PM
 WELD COUNTY, COLORADO

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

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