

2.5" AC LS13895  
LAT 40.39358°N  
LONG 104.20443°W

N87°46'56"E - 5332.48'

2.5" AC LS37897  
LAT 40.39394°N  
LONG 104.18530°W

1198'

419'

SURFACE LOCATION

S82°26'01"W  
1197.61'  
TARGET 1- 531' FNL; 10' FWL  
TOP 7"- 589' FNL; 10' FWL

S00°30'13"E - 2650.73

NOTE: Under Colorado law,  
you must commence any legal  
action based upon 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.)

N00°23'48"W - 5369.15'

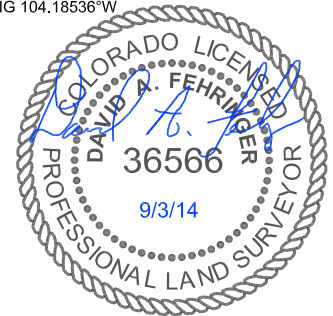
S00°23'48"E - 4365.89'  
FROM TARGET TO BH

T.5N R.61W  
22

3" AC LS37897  
LAT 40.38666°N  
LONG 104.18536°W

S00°30'46"E - 2650.57'

3" AC LS37897  
LAT 40.37939°N  
LONG 104.18541°W



10'  
BOTTOM HOLE LOCATION  
470'

2.5" AC LS13895  
LAT 40.37885°N  
LONG 104.20458°W

S87°03'31"W - 5345.38'

#### 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 AUGUST 27, 2014; and that it correctly shows the drilling location of BONANZA CREEK ENERGY, INC., PRONGHORN A-E-22HNC 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.

#### WELL COORDINATES

	NAD 83		COLORADO NORTH NAD83	
	LATITUDE	LONGITUDE	NORTHING	EASTING
A-E-22HNB	40.392512	104.200143	1388486	3362051
SURFACE	40.392127	104.204413	1388328	3360863
TARGET 1	40.391967	104.204415	1388270	3360864
TOP 7"	40.380142	104.204534	1383963	3360894
BOTTOM HOLE				

#### NOTES:

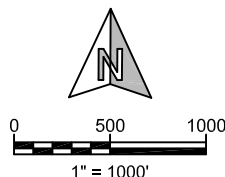
- All bearings are GRID based upon the Colorado State Plane Coordinate System, North Zone, NAD83(2011) derived from post-processed static GPS observations.
- Distances are at GROUND
- Vertical Datum is NAVD88 based upon GPS observations
- PDOP value equals 2.1.
- GPS operator: John Stoddard.
- Undisturbed ground elevation at wellhead = 4661.8'
- (M) Measured distance; (R) Record distance
- Nearest Cultural Distances
  - Buildings: 5280+
  - Building Unit: 5280+
  - High Occupancy Building Unit: 5280'+
  - Designated Outside Activity Area: 5280'+
  - Public Road: 340' north
  - Above Ground Utility: 5280'+
  - Railroad: 5280'+
  - Property Line: 419' north

SHEET NO:

1 of 1



Drawn By: DAF  
Checked By: MAM  
Date: 3/14/14  
Revision: #4  
Date: 12/01/15  
Explanation: change  
well layout



#### WELL LOCATION CERTIFICATE

PRONGHORN A-E-22HNB  
419' FNL, 1198' FWL  
NW¼NW¼, SECTION 22,  
T.5N., R.61W., 6th PM  
WELD COUNTY, COLORADO



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