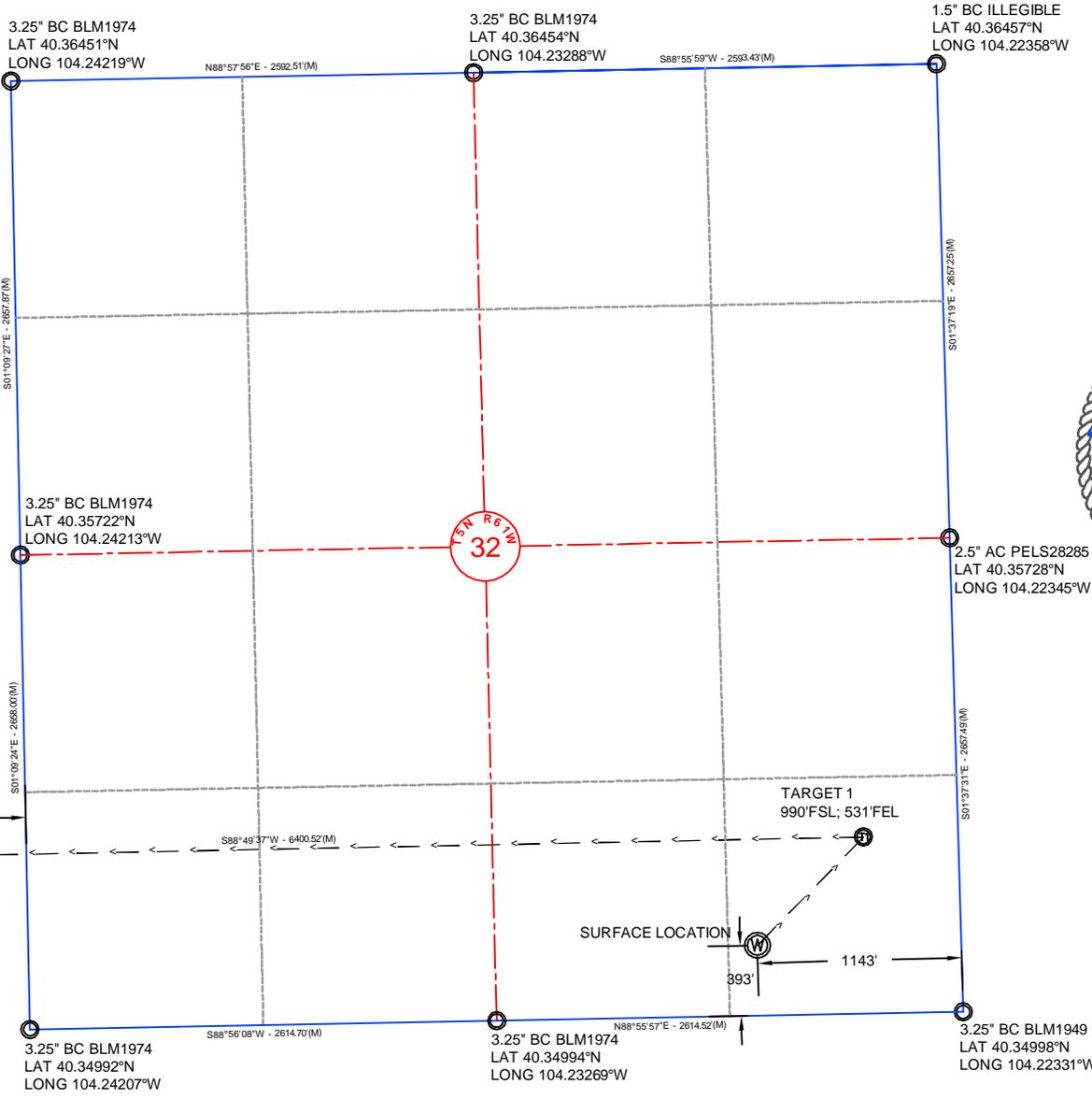


Z:\Projects\1319-01\_BONANZA\5N-61W\DWG\PRONGHORN 44-32\CERT.dwg SAVED DATE 2014-12-10 15:27



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.)



**CERTIFICATE OF SURVEYOR**

I, David A. Fehring of Lander, Wyoming hereby certify that this well location certificate was prepared from notes taken during an actual survey on NOVEMBER 14, 2014; and that it correctly shows the drilling location of BONANZA CREEK ENERGY, INC., STATE PRONGHORN X44-32-31MRLNC 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.

**NOTES:**

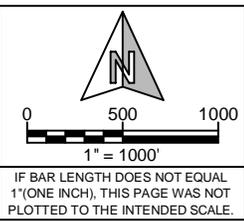
- All bearings are GRID based upon the Colorado State Plane Coordinate System, North Zone, NAD83(2011) derived from post-processed static GPS observations.
- Distances are at GRID
- Vertical Datum is NAVD88 based upon GPS observations
- PDOP value equals 1.4.
- GPS operator: Marc Mayer.
- Undisturbed ground elevation at wellhead = 4531.1'
- (M) Measured distance;
- Nearest Cultural Distances  
Buildings: 5280+  
Building Unit: 5280+  
High Occupancy Building Unit: 5280+  
Designated Outside Activity Area: 5280+  
Public Road: 420' +/-  
Above Ground Utility: 5280+  
Railroad: 5280+  
Property Line: 393' +/-

**WELL COORDINATES**

	NAD 83		COLORADO NORTH NAD83	
	LATITUDE	LONGITUDE	NORTHING	EASTING
SURFACE	40.35105	104.22743	1373273	3354667
TARGET 1	40.35269	104.22527	1373880	3355262
BOTTOM HOLE	40.35260	104.24518	1373767	3349713

**Fremont**  
ENGINEERING & SURVEYING  
64 COAL MINE RD.  
LANDER, WY 82520  
307-349-0840  
fes@wyoming.com

Drawn By: MAM  
Checked By: DAF  
Date: 11/17/14  
Revision: 1  
Date: 12/02/14  
Explanation:  
WELL LAYOUT



**WELL LOCATION CERTIFICATE**

STATE PRONGHORN  
X44-32-31MRLNC  
SE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>, SECTION 32,  
T.5N., R.61W., 6th PM  
WELD COUNTY, COLORADO

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

SHEET  
1  
OF  
2

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.)

3.25" BC BLM1974  
LAT 40.36432°N  
LONG 104.26160°W

3.25" BC BLM1974  
LAT 40.36451°N  
LONG 104.24219°W



N01°09'27"W - 2657.87(M)

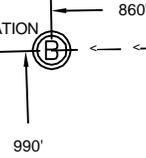
N01°09'24"W - 2655.00(M)

3.25" BC BLM1974  
LAT 40.35722°N  
LONG 104.24213°W

3.25" BC BLM1974  
LAT 40.34992°N  
LONG 104.24207°W

T5N R61W  
31

BOTTOM HOLE LOCATION



S88°49'37"W - 6400.52(M)

Z:\Projects\1319-01\_BONANZA\5N-61W\DWG\PRONGHORN 44-32\CERT.dwg SAVED DATE 2014-12-10 15:31

**CERTIFICATE OF SURVEYOR**

I, David A. Fehring of Lander, Wyoming hereby certify that this well location certificate was prepared from notes taken during an actual survey on NOVEMBER 14, 2014; and that it correctly shows the drilling location of BONANZA CREEK ENERGY, INC., STATE PRONGHORN X44-32-31MRLNC 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
X44-32-31MRLNC				
SURFACE	40.35105	104.22743	1373273	3354667
TARGET 1	40.35269	104.22527	1373880	3355262
BOTTOM HOLE	40.35260	104.24518	1373767	3349713

**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 GRID
- Vertical Datum is NAVD88 based upon GPS observations
- PDOP value equals 1.4.
- GPS operator: Marc Mayer.
- Undisturbed ground elevation at wellhead = 4531.1'
- (M) Measured distance;
- Nearest Cultural Distances  
Buildings: 5280+  
Building Unit: 5280+  
High Occupancy Building Unit: 5280+  
Designated Outside Activity Area: 5280+  
Public Road: 420'+/-  
Above Ground Utility: 5280+  
Railroad: 5280+  
Property Line: 393'+/-

**Fremont**  
ENGINEERING & SURVEYING  
64 COAL MINE RD.  
LANDER, WY 82520  
307-349-0840  
fes@wyoming.com

Drawn By: MAM
Checked By: DAF
Date: 11/17/14
Revision: 1
Date: 12/02/14
Explanation: WELL LAYOUT

**WELL LOCATION CERTIFICATE**  
STATE PRONGHORN  
X44-32-31MRLNC  
(BOTTOM HOLE)  
SE $\frac{1}{4}$ SE $\frac{1}{4}$ , SECTION 31,  
T.5N., R.61W., 6th PM  
WELD COUNTY, COLORADO

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

SHEET	2
OF	2