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January 30, 2015

Colorado Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Attn: Matthew Lepore, Director

Re: Notice of 318A.a.(4).D Well Proposal  
State Pronghorn X43-32-31MRLNC  
SHL: SESE 570' FSL & 1087' FEL, Section 32, Township 5N, Range 61W  
Top of Production: NESE 1650' FSL & 631' FEL, Section 32-T5N-R61W  
Bottom of Production: NESE 1650' FSL & 860' FEL, Section 31-T5N-R61W, Weld  
County, Colorado

Director Lepore:

Bonanza Creek Energy Operating Company, LLC. (Bonanza) intends to permit, drill and operate the referenced Niobrara Horizontal Well. As defined by Colorado Oil and Gas Conservation Commission (COGCC) Rule 318A.a.(4)D., Bonanza proposes the following wellbore spacing unit:

S/2 Section 32-T5N-R61W 6th PM, Weld County, CO – containing 320 Acres more or less  
E/2 SE/4 Section 31-T5N-R61W 6th PM, Weld County, CO – containing 80 Acres more or less

Bonanza has notified the other owners in the unit and no objections were received. Copies of the notifications are maintained in Bonanza's files.

Bonanza respectfully requests that you review the enclosed wellbore spacing unit documentation and approve the referenced Application for Permit to Drill.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Julie L. Vigil'.

Julie L. Vigil  
Sr. Regulatory Specialist  
**BONANZA CREEK ENERGY OPERATING COMPANY, LLC.**

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

3.25° BC BLM1974  
LAT 40.36454°N  
LONG 104.23288°W

1.5° BC ILLEGIBLE  
LAT 40.36457°N  
LONG 104.22358°W

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

2.5° AC PELS28285  
LAT 40.35728°N  
LONG 104.22345°W

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

3.25° BC BLM1974  
LAT 40.34994°N  
LONG 104.23269°W

3.25° BC BLM1949  
LAT 40.34998°N  
LONG 104.22331°W

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)



TARGET 1  
1650'FSL; 531'FEL

SURFACE LOCATION

570'

1087'

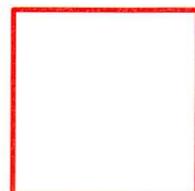
PRONGHORN 44-32-CERT.IMG SAVED DATE 2014-12-10 15:31

**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 NOVEMBER 14, 2014; and that it correctly shows the drilling location of BONANZA CREEK ENERGY, INC., STATE PRONGHORN X43-32-31MRLNC as staked during said survey. This map does not represent a boundary survey.

**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



Wellbore Spacing Unit Outline



**Wellbore Spacing Unit Map**  
17 December 2014 ksc

State Pronghorn X43-32-31MRLNC p1  
S/2 Sec 32-T5N-R61W 6th PM  
E/2 SE/4 Sec 31-T5N-R61W 6th PM  
Weld County, Colorado

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

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

N68°28'23"E - 5402.67(M)

N21°02'27"W - 2857.87(M)

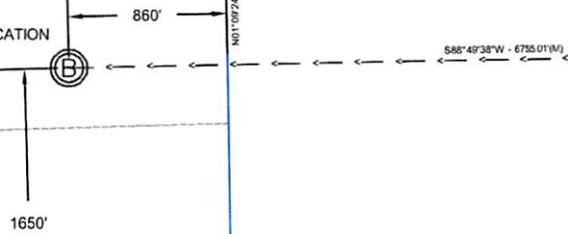
3.25" BC BLM1974  
LAT 40.35722°N  
LONG 104.24213°W

N01°02'24"W - 2656.07(M)

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

31

BOTTOM HOLE LOCATION



PRONGHORN X43-32-CERT.DWG - SAVED DATE 2014-12-10 14:49

**CERTIFICATE OF SURVEYOR**

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Wellbore Spacing Unit Outline



**Wellbore Spacing Unit Map**

17 December 2014 ksc

State Pronghorn X43-32-31MRLNC p2  
S/2 Sec 32-T5N-R61W 6th PM  
E/2 SE/4 Sec 31-T5N-R61W 6th PM  
Weld County, Colorado