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January 21, 2014

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(I).a(4).D Well Proposal  
State Antelope E-12-1MRLNC  
SHL: SESW (330' FSL and 1390' FWL) Sec 12-5N-62W, 6<sup>TH</sup> PM  
Top of Production: (631' FSL and 10' FWL) Sec 12-5N-62W, 6<sup>TH</sup> PM  
Bottom of Production: (2,604' FSL and 10' FWL) Sec 1-5N-62W, 6<sup>TH</sup> PM  
Weld County, Colorado

Director Lepore:

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

E/2 E/2 sec 11, W/2 W/2 sec 12, W/2 SW/4 sec 1, SW/4NW/4 sec 1, E/2 SE/4 sec 2, SE/4NE/4 sec 2, E/2E/2 sec 11 T5N-R62W, 6<sup>TH</sup> PM, Weld County, CO – containing 560 acres more or less

Bonanza is the sole mineral lease holder in the proposed spacing unit, and no mineral owner notifications were required.

Bonanza respectfully requests that you review the enclosed wellbore spacing unit documentation and approve the referenced APD.

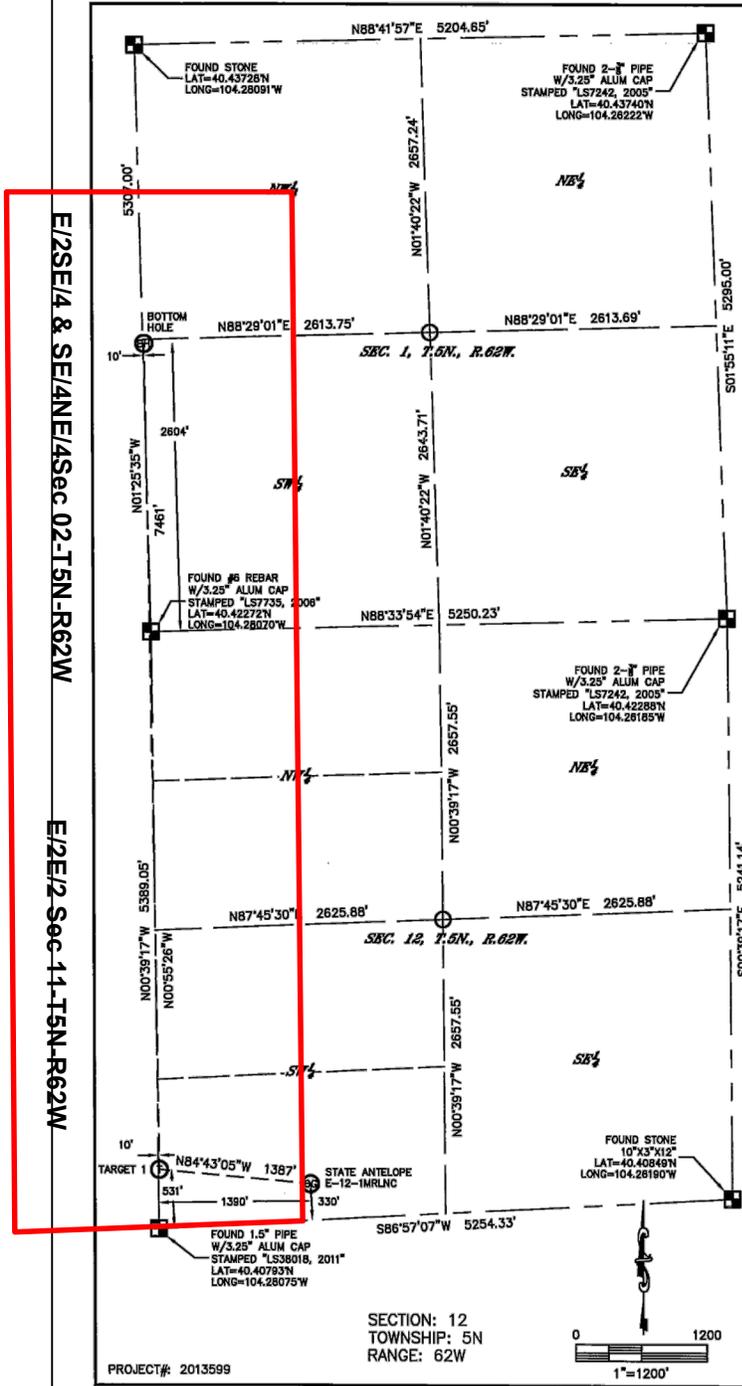
Please do not hesitate to call or email me at (720) 440-6100 or [REdelen@Bonanzacr.com](mailto:REdelen@Bonanzacr.com), should you have any questions pertaining to this matter.

Thank you for your cooperation.

Sincerely,

A handwritten signature in blue ink that reads 'Randy Edelen'.

Randy Edelen, P. E.  
Regulatory Specialist  
BONANZA CREEK ENERGY, INC.  
BONANZA CREEK ENERGY OPERATING COMPANY, LLC



NOTES:  
 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot".  
 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 datum).  
 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 50' of the disturbed area.  
 4) SURFACE USE: WELL PAD/PASTURE/PRAIRIE  
 5) INSTRUMENT OPERATOR: AARON LUND

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY  
 In accordance with a request from BANDY EDLEN with BONANZA CREEK ENERGY, INC., King Surveyors has determined the surface location of STATE ANTELOPE E-12-1MRLNC to be 330' from the SOUTH end and 1380' from the WEST end of the section line. The section line of the WEST line as measured at right angles, from the section line of Section 12, Township 5N, Range 62W, of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 10-3-2013, for and on behalf of BONANZA CREEK ENERGY, INC., that this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.

NOTICE  
 According to Colorado law, you must commence any legal action based upon any defect in this well location certificate within 10 years after the date of such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years after the date of the certificate shown hereon. (13-80-105 C.R.S.)

**KING SURVEYORS 650 E. GARDEN DR. WINDSOR, CO 80550**  
**WELL LOCATION CERTIFICATE-STATE ANTELOPE E-12-1MRLNC**

TARGET  
 LATITUDE: 40.40939N  
 LONGITUDE: 104.28071W  
 1/4 1/4 SW 1/4 SW 1/4

BOTTOM HOLE  
 LATITUDE: 40.40987N  
 LONGITUDE: 104.28077W  
 1/4 1/4 NW 1/4 SW 1/4 (SECTION 1)

SURFACE LOCATION  
 LATITUDE: 40.40987N  
 LONGITUDE: 104.27575W  
 PROP: 1.2  
 ELEV: 4575'  
 1/4 1/4 SE 1/4 SW 1/4  
 NEAREST PROPERTY LINE: 330' SOUTH



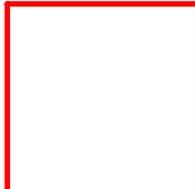
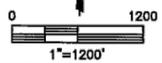
Lawrence S. Pepek - Of Bonanza Creek Energy Surveyors  
 Colorado Licensed Professional Land Surveyor #33642

E/2SE/4 & SE/4NE/4Sec 02-T5N-R62W

E/2E/2 Sec 11-T5N-R62W

PROJECT#: 2013599

SECTION: 12  
 TOWNSHIP: 5N  
 RANGE: 62W



Wellbore Spacing Unit Outline



**Wellbore Spacing Unit Map**  
 20 November 2013 ksc

State Antelope E-12-1MRLNC  
 W/2W/2 Sec 12-T5N-R62W 6th SM  
 W/2SW/4 Sec 01-T5N-R62W  
 SW/4NW/4 Sec 01-T5N-R62W  
 E/2SE/4 Sec 02-T5N-R62W  
 SE/4NE/4 Sec 02-T5N-R62W  
 E/2E/2 Sec 11-T5N-R62W  
 Weld County, Colorado