

February 9, 2016



410 17th Street, Suite 1400  
Denver, CO 80202  
(720) 440-6100 phone  
(720) 305-0804 fax

[Bonanzacrk.com](http://Bonanzacrk.com)

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

**Re: Notice of 318A.a.(4)D. Proposed Niobrara Horizontal Wellbore Spacing Unit**

State Seventy Holes 21-5-17XRLNB  
SHL: NENW (320' FNL, 1714' FWL) Section 5-T4N-R62W, Weld County, CO  
Top of Production: (631' FNL, 1900' FWL) Section 5-T4N-R62W, Weld County, CO  
Bottom of Production: (850' FNL, 1937'FWL) Section 17-T4N-R62W, Weld County, CO

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:

E/2W/2 of Section 5-T4N-R62W, Weld County, CO – containing 160 acres more or less  
E/2W/2 of Section 8-T4N-R62W Weld County, CO – containing 160 acres more or less  
NENW of Section 17-T4N-R62W, Weld County, CO – containing 40 acres more or less

A map depicting the proposed wellbore spacing unit is attached, for your reference. 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 APD.

Please do not hesitate to call or email me at (303) 803-1718 or [Jvigil@Bonanzacrk.com](mailto:Jvigil@Bonanzacrk.com), should you have any questions pertaining to this matter.

Sincerely,

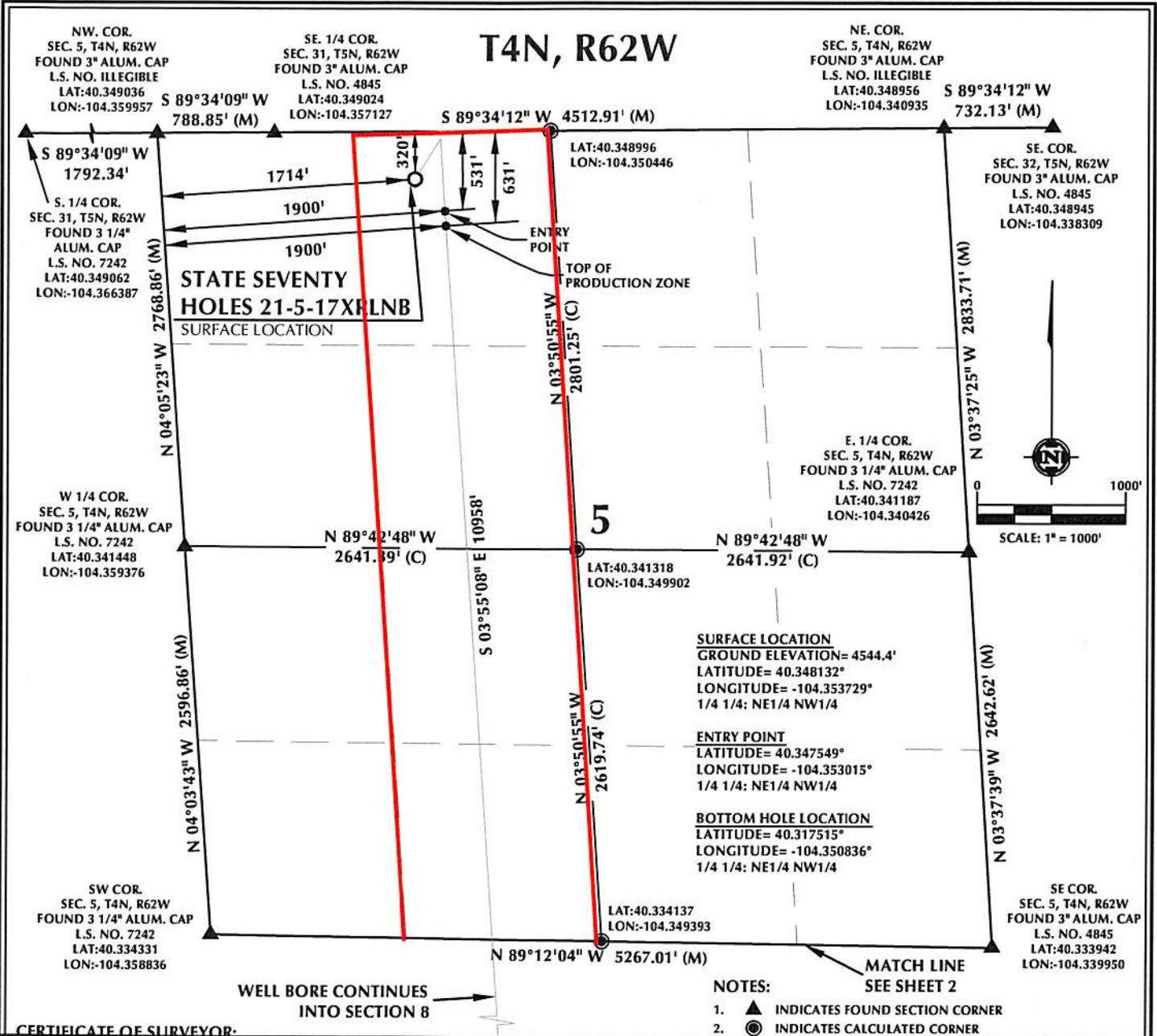
A handwritten signature in blue ink that reads 'Julie L. Vigil'.

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

*CORPORATE OFFICE*  
410 17<sup>th</sup> Street, Suite 1400  
Denver, CO 80202  
Office: (720)440-6100

*MAGNOLIA OFFICE*  
50 Columbia 300  
Magnolia, AR 71753  
Office: (870) 235-0400

# T4N, R62W



CERTIFICATE OF SURVEYOR:



**Proposed Spacing Unit Map**  
 November 23, 2015 KK

**State Seventy Holes 21-5-17XRLNB**  
 E/2W/2 Sec. 5-T4N-R62W  
 E/2W/2 Sec. 8-T4N-R62W  
 NE/4NW/2 Sec. 17-T4N-R62W  
 Weld County, Colorado

X:\BONANZA CREEK\1014 110 SEVENTY HOLES SEC. 5 T4N R62W\PLATS\31-SEVENTY HOLES 15-09-11\092015 8-09-11 AM.dwg

# T4N, R62W

NW COR.  
SEC. 8, T4N, R62W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242  
LAT:40.334331  
LON:-104.358836

NE COR.  
SEC. 8, T4N, R62W  
FOUND 3" ALUM. CAP  
L.S. NO. 4845  
LAT:40.333942  
LON:-104.339950

MATCH LINE  
SEE SHEET 1

N 89°12'04" W 5267.01' (M)

LAT:40.334137  
LON:-104.349393

N 03°38'54" W 5194.53' (M)

LAT:40.327211  
LON:-104.358363

N 88°41'58" W  
2636.13' (C)

S 03°55'08" E 10958'

N 03°39'51" W  
2620.47' (C)

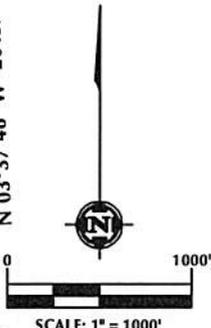
N 03°39'51" W  
2620.61' (C)

LAT:40.326953  
LON:-104.348914

N 88°41'58" W  
2633.82' (C)

E. 1/4 COR.  
SEC. 8, T4N, R62W  
FOUND 3" ALUM. CAP  
L.S. NO. 4845  
LAT:40.326695  
LON:-104.339473

N 03°37'48" W 2643.48' (M)



N 03°43'47" W 2644.15' (M)

SE COR.  
SEC. 8, T4N, R62W  
FOUND 3" ALUM. CAP  
L.S. NO. 4845  
LAT:40.319446  
LON:-104.338980

N 88°11'46" W 5277.94' (M)

MATCH LINE  
SEE SHEET 3

**SURFACE LOCATION**  
GROUND ELEVATION= 4544.4'  
LATITUDE= 40.348132°  
LONGITUDE= -104.353729°  
1/4 1/4: NE1/4 NW1/4

**ENTRY POINT**  
LATITUDE= 40.347549°  
LONGITUDE= -104.353015°  
1/4 1/4: NE1/4 NW1/4

**BOTTOM HOLE LOCATION**  
LATITUDE= 40.317515°  
LONGITUDE= -104.350836°  
1/4 1/4: NE1/4 NW1/4

LAT:40.319769  
LON:-104.348435

WELL BORE CONTINUES  
INTO SECTION 17

**NOTES:**

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- DRAWING LATITUDE AND LONGITUDE COORDINATES ARE NAD 83 (2011)(EPOCH:2010)
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99974487
- OPERATOR: ROB WILSON / PDOP = 1.4
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.

**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Jacob I. Dunham*  
JACOB I. DUNHAM  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 18459  
11/2/15

**NEAREST CULTURAL ITEMS:**

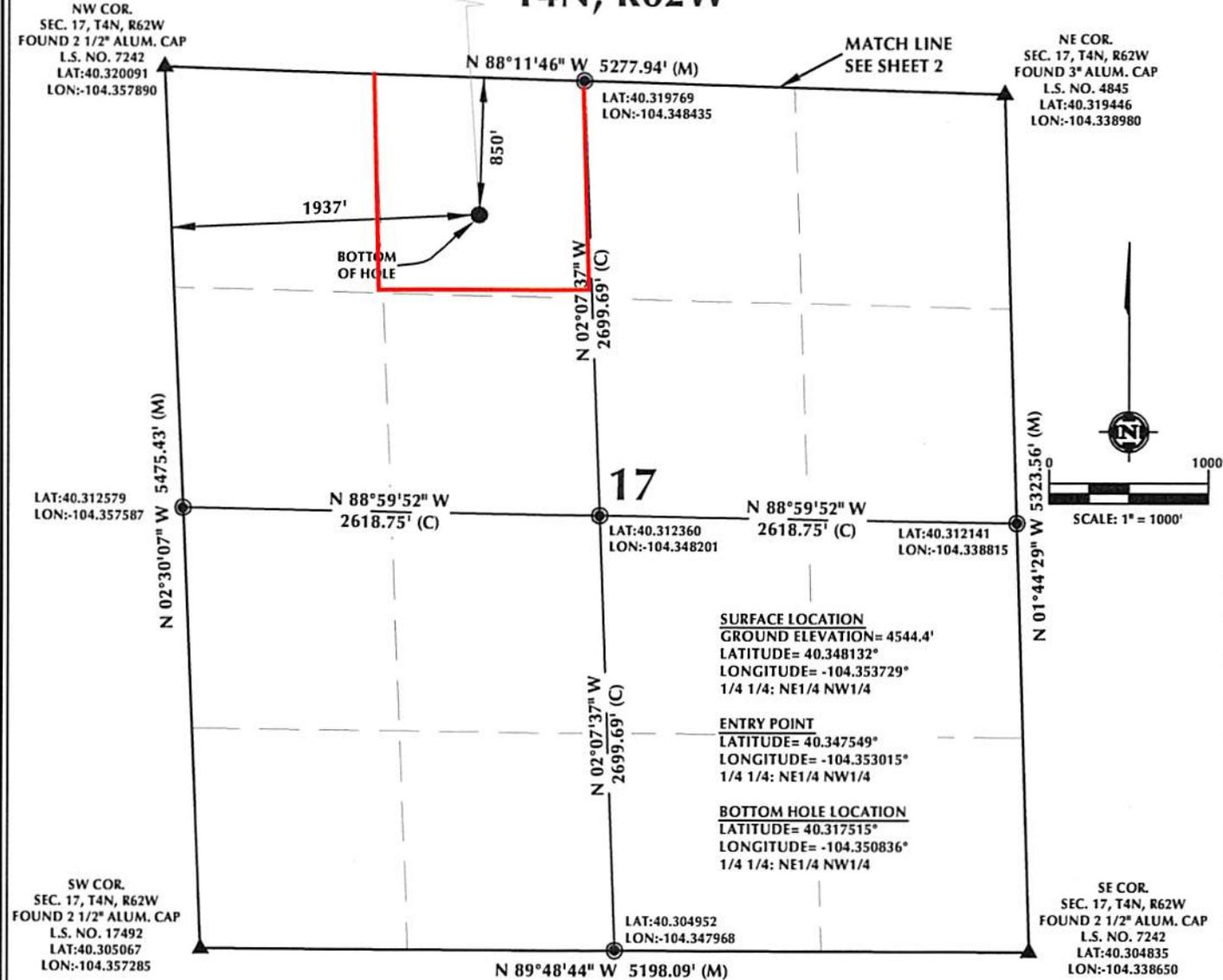
- BUILDING: 5280+
- BUILDING UNIT: 5280+
- HIGH OCCUPANCY BUILDING UNIT: 5280+
- DESIGNATED OUTSIDE ACTIVITY AREA: 5280+
- PUBLIC ROAD: 5280+
- ABOVE GROUND UTILITY: 5280+
- RAILROAD: 5280+
- PROPERTY LINE: ±320' N

## Proposed Spacing Unit Map

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# T4N, R62W



**NOTES:**

- ▲ INDICATES FOUND SECTION CORNER
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- COMBINED SCALE FACTOR: .99974487
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*Jacob I. Dunham*  
 JACOB I. DUNHAM  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 18435  
 11/2/15

**NEAREST CULTURAL ITEMS:**

- BUILDING: 5280+
- BUILDING UNIT: 5280+
- HIGH OCCUPANCY BUILDING UNIT: 5280+
- DESIGNATED OUTSIDE ACTIVITY AREA: 5280+
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