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

April 11, 2018

State of Colorado  
Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

**RE: Proposed Wellbore Spacing Unit**  
Antelope T34-19-18MRLNB  
Niobrara New Drill  
SESE Section 19, Township 5N, Range 62W, 6<sup>th</sup> PM  
Weld County, Colorado

Dear Director Murphy,

Bonanza Creek Energy Operating Company, LLC. ("Bonanza Creek") is planning to drill the above captioned well in accordance with the provisions of Colorado Oil and Gas Conservation Commission (COGCC) Rule 318A.e.

Bonanza Creek's proposed wellbore spacing unit consists of:

Township 5N, Range 62W (Weld County):  
Section 18: S2SE  
Section 19: E2

Total acres: 400ac

The 30 day notification time period has passed and we have not yet received any objections to such well locations or proposed spacing unit, therefore Bonanza Creek hereby requests the Director to approve the above mentioned well. Bonanza Creek respectfully requests the COGCC review the enclosed map illustrating the proposed wellbore spacing unit.

Regards,  
Bonanza Creek Energy Operating Company, LLC.

A handwritten signature in black ink that reads "Brian Dodek". The signature is fluid and cursive, with the first name being the most prominent.

Brian Dodek, P.G.  
Manager – Environmental & Regulatory Compliance

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELLHEAD.
- ◆ = ENTRY TARGET.
- ◻ = MID-LATERAL TARGET.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED. (NAD 83)

**T5N, R62W, 6th P.M.**

Alum. Cap, #4846, 0.5' High, E-W Fence (NAD83)  
 Lot: 40.406646'  
 Long: 104.375453'  
 (STP83) CO.NORTH  
 N: 1392967.40  
 E: 3313158.94

Alum. Cap, #4845, 0.7' High, E-W Fence (NAD83)  
 Lot: 40.406639'  
 Long: 104.365908'  
 (STP83) CO.NORTH  
 N: 1392998.50  
 E: 3315816.72

Alum. Cap, #4845, Flush w/ Ground  
 Lot: 40.406627'  
 Long: 104.356450'  
 SP NAD 83 (CO.NORTH)  
 N: 1393027.88  
 E: 3318450.50

1990 Alum. Cap, #7242, 0.5' High T-Post (NAD83)  
 Lot: 40.399238'  
 Long: 104.375259'  
 SP NAD 83 (CO.NORTH)  
 N: 1390269.51  
 E: 3313247.05

1990 Alum. Cap, #7242, Flush w/ Ground  
 Lot: 40.399426'  
 Long: 104.356516'  
 SP NAD 83 (CO.NORTH)  
 N: 1390404.79  
 E: 3318465.95

1990 Alum. Cap, #7242, 0.5' High, T-Post (NAD83)  
 Lot: 40.391830'  
 Long: 104.375066'  
 (STP83) CO.NORTH  
 N: 1387571.43  
 E: 3313335.08

1990 Alum. Cap, #7242, 0.6' High Lot: 40.392226'  
 Long: 104.356582'  
 SP NAD 83 (CO.NORTH)  
 N: 1387781.66  
 E: 3318481.39

1990 Alum. Cap, #7242, 0.6' High Lot: 40.394643'  
 Long: 104.374920'  
 SP NAD 83 (CO.NORTH)  
 N: 1384963.98  
 E: 3313409.15

1990 Alum. Cap, #7242, 0.3' High Lot: 40.385028'  
 Long: 104.356648'  
 SP NAD 83 (CO.NORTH)  
 N: 1385158.71  
 E: 3318497.00

1990 Alum. Cap, #7242, 0.3' High Lot: 40.377455'  
 Long: 104.374774'  
 SP NAD 83 (CO.NORTH)  
 N: 1382336.16  
 E: 3313482.99

1990 Alum. Cap, #7242, 0.3' Below Ground Lot: 40.377825'  
 Long: 104.356713'  
 SP NAD 83 (CO.NORTH)  
 N: 1382535.46  
 E: 3318512.54

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N28°21'05"W	274.41'

<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE = 40°22'42.07" (40.378353)	LONGITUDE = 104°21'40.02" (104.361116)
<b>STATE PLANE NAD 83 (CO. NORTH)</b>	
N: 1382711.90	E: 3317283.69
<b>NAD 83 (ENTRY TARGET)</b>	
LATITUDE = 40°22'44.46" (40.379016)	LONGITUDE = 104°21'41.70" (104.361583)
<b>STATE PLANE NAD 83 (CO. NORTH)</b>	
N: 1382951.69	E: 3317150.41
<b>NAD 83 (TARGET BOTTOM HOLE)</b>	
LATITUDE = 40°23'34.05" (40.392792)	LONGITUDE = 104°21'43.90" (104.362194)
<b>STATE PLANE NAD 83 (CO. NORTH)</b>	
N: 1387967.84	E: 3316915.68

PDOP = 1.3



**BASIS OF BEARINGS**  
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION  
**BASIS OF ELEVATION**  
 USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "M 414", NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4600.58 FEET.



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017



**BONANZA CREEK ENERGY OPERATING COMPANY, LLC**

**ANTELOPE T34-19-18MRLNB**  
 SE 1/4 SE 1/4, SECTION 19, T5N, R62W, 6th P.M.  
 WELD COUNTY, COLORADO

SURVEYED BY	CHAD MEIERS	12-11-17	SCALE
DRAWN BY	C.IVIE	02-21-18	1" = 1000'
<b>WELL LOCATION PLAT</b>			

CERTIFICATION  
 THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED IN ACCORDANCE WITH THE NOTES OF ACTUAL SURVEYS MADE AND MEASUREMENTS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 28285  
 STATE OF COLORADO