

**LEGEND:**

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

**T4N, R63W, 6th P.M.**

N89°11'22"W - 5268.78' (Meas.)

2007 Alum. Cap,  
 #38019, Flush w/  
 Ground  
 Lat: 40.276156°  
 Long: 104.414450°  
 SP NAD 83  
 (CO. NORTH)  
 N: 1345298.56  
 E: 3302881.27

2011 Alum. Cap,  
 #34995, 0.2' High  
 Lat: 40.276333°  
 Long: 104.433328°  
 SP NAD 83  
 (CO. NORTH)  
 N: 1345299.52  
 E: 3297613.89

N00°26'12"E - 5276.05' (Meas.)

N00°53'54"E - 5225.22' (Meas.)

34

2016 Alum. Cap,  
 #28285, 0.3'  
 Below Ground  
 Lat: 40.261853°  
 Long: 104.433436°  
 SP NAD 83  
 (CO. NORTH)  
 N: 1340024.98  
 E: 3297647.35

**LONGHORN V41-3-4XRLNB**  
 Elev. Ungraded Ground = **4800.7'**

T4N  
T3N

N89°44'44"W - 5226.59' (Meas.)

**Sec. 4**

SEE SHEET  
3 OF 3

LOT 2

LOT 1

Mid-Lateral  
Target

Entry Target

N89°46'27"W  
4756.15'

N89°49'53"W  
4656.13'

**Sec. 3**

SEE SHEET 2 OF 3

2016 Alum. Cap,  
 #28285, 0.3' High  
 Lat: 40.261817°  
 Long: 104.414714°  
 SP NAD 83  
 (CO. NORTH)  
 N: 1340074.73  
 E: 3302872.32



PDOP = 1.4

NAD 83 (SURFACE LOCATION)	NAD 83 (MID-LATERAL TARGET)
LATITUDE = 40°15'43.42" (40.262061)	LATITUDE = 40°15'32.19" (40.258942)
LONGITUDE = 104°24'58.08" (104.416133)	LONGITUDE = 104°26'00.34" (104.433428)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1340158.85 E: 3302474.62	N: 1338964.37 E: 3297662.10
NAD 83 (ENTRY TARGET)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°15'32.14" (40.258928)	LATITUDE = 40°15'32.28" (40.258967)
LONGITUDE = 104°25'00.30" (104.416750)	LONGITUDE = 104°27'01.68" (104.450467)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1339015.67 E: 3302316.71	N: 1338916.70 E: 3292907.46

CERTIFICATE  
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE  
 NOTES OF ACTUAL SURVEYS MADE BY ME OR 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  
 11-03-17

**SHEET 1 OF 3**

REV: 3 11-03-17 C.IVIE (ENTRY TARGET MOVE)

**BASIS OF BEARINGS**  
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION

**BASIS OF ELEVATION**

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 24, T5N, R62W, 6th  
 P.M. TAKEN FROM THE POINT OF ROCKS, QUADRANGLE, COLORADO, WELD COUNTY, 7.5  
 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT  
 OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4530  
 FEET.

**UELS, LLC**

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



**BONANZA CREEK ENERGY**  
**OPERATING COMPANY, LLC**

**LONGHORN V41-3-4XRLNB**  
**SE 1/4 SE 1/4, SECTION 34, T4N, R63W, 6th P.M.**  
**WELD COUNTY, COLORADO**

SURVEYED BY	JAMES FRESHWATER	09-08-17	SCALE
DRAWN BY	M.F.D.	11-25-16	1" = 1000'

**WELL LOCATION PLAT**

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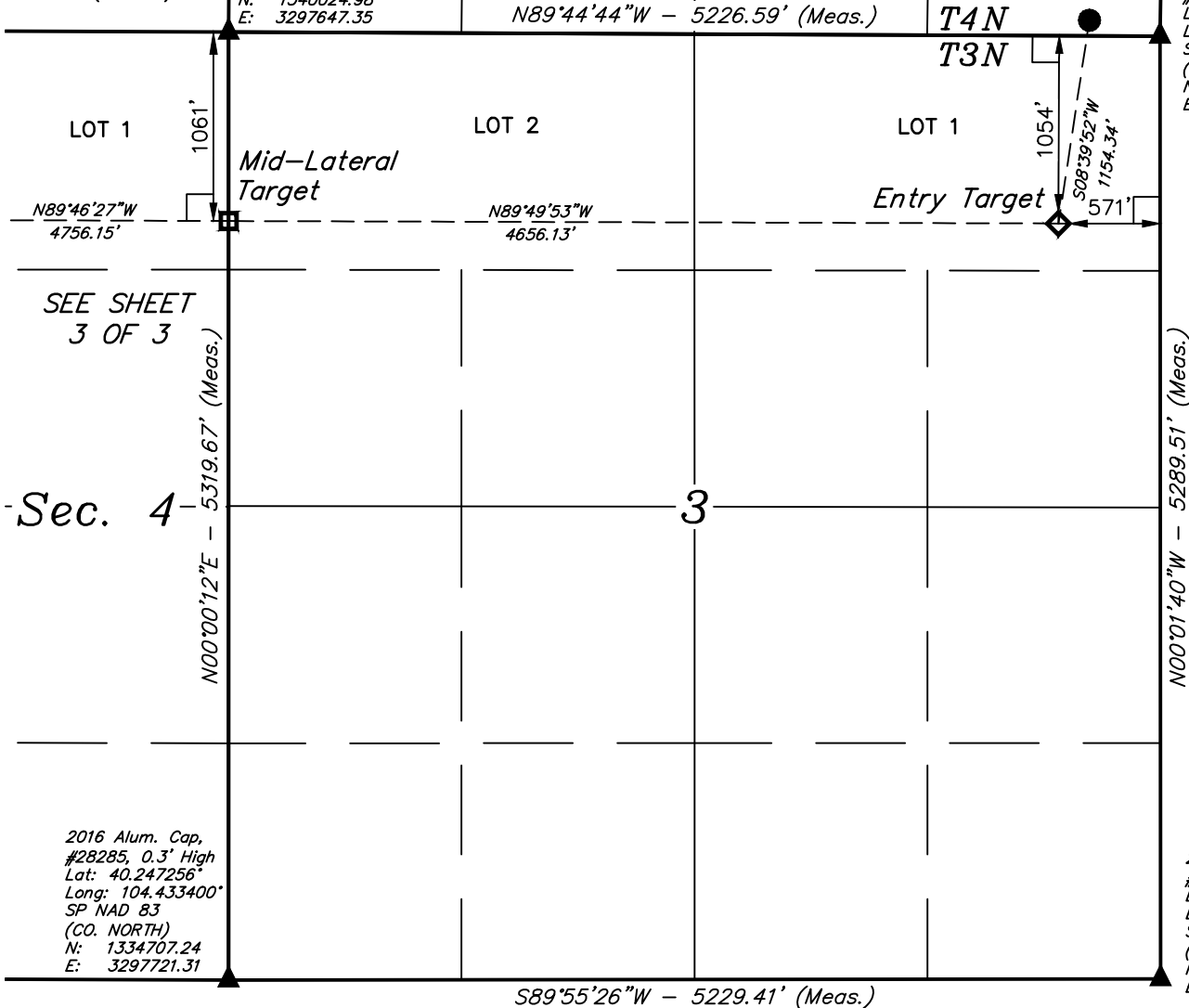
2016 Alum. Cap,  
#28285, 0.3'  
Below Ground  
Lat: 40.261853°  
Long: 104.433436°  
SP NAD 83  
(CO. NORTH)  
N: 1340024.98  
E: 3297647.35

T3N, R63W, 6th P.M.

Sec. 34  
SEE SHEET 1 OF 3

Surface  
Location

2016 Alum. Cap,  
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Lat: 40.261817°  
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SP NAD 83  
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REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO  
JAMES FRESHWATER

SHEET 2 OF 3

REV: 3 11-03-17 C.IVIE (ENTRY TARGET MOVE)

**BASIS OF BEARINGS**  
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

**BASIS OF ELEVATION**

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 24, T5N, R62W, 6th P.M. TAKEN FROM THE POINT OF ROCKS, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4530 FEET.



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**BONANZA CREEK ENERGY  
OPERATING COMPANY, LLC**

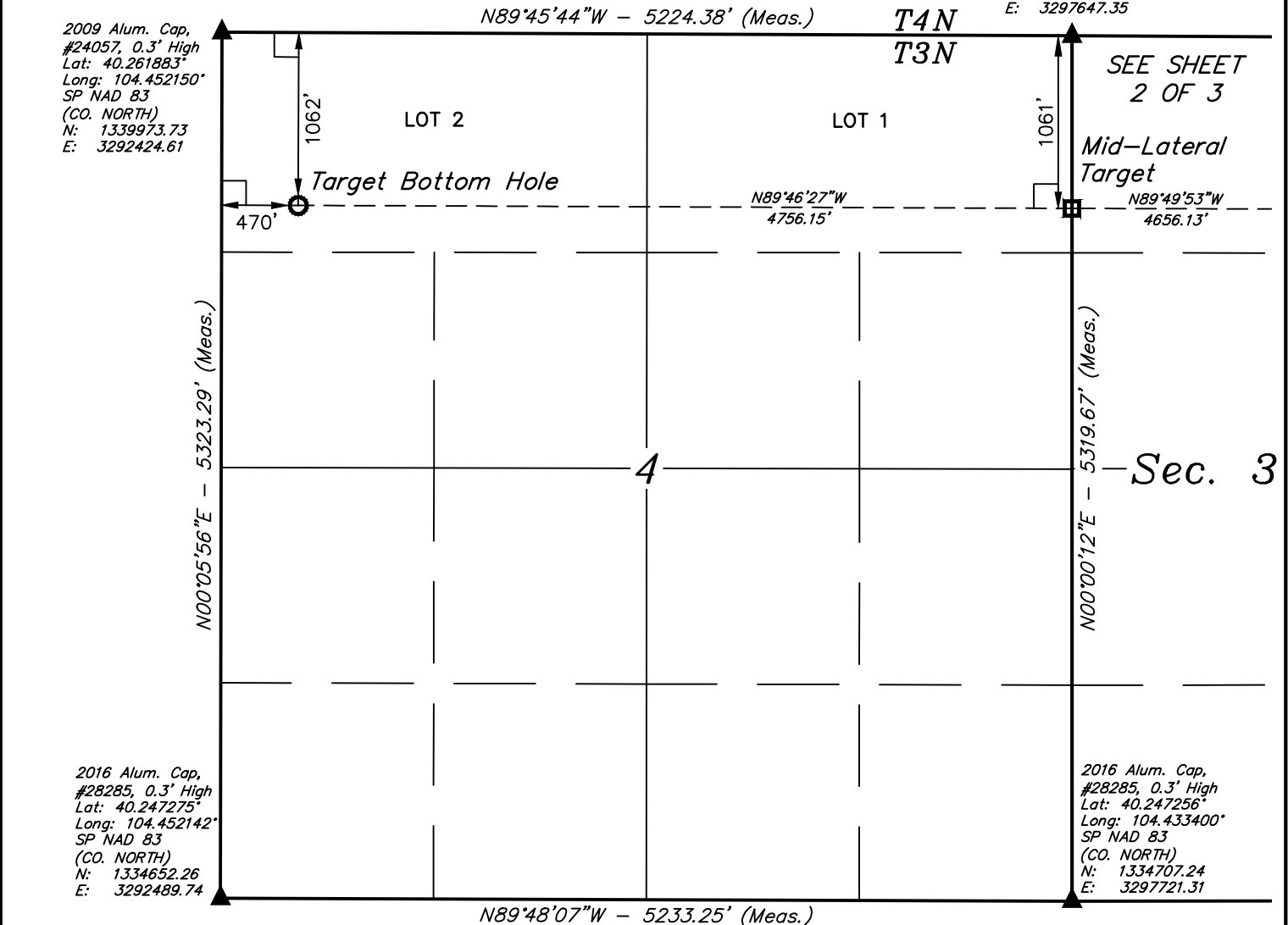
**LONGHORN V41-3-4XRLNB  
SE 1/4 SE 1/4, SECTION 34, T4N, R63W, 6th P.M.  
WELD COUNTY, COLORADO**

SURVEYED BY	JAMES FRESHWATER	09-08-17	SCALE
DRAWN BY	M.F.D.	11-25-16	1" = 1000'

**WELL LOCATION PLAT**

*T3N, R63W, 6th P.M.*

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SP NAD 83  
(CO. NORTH)  
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E: 3297647.35



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REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO  
11-03-17

*SHEET 3 OF 3*

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**SE 1/4 SE 1/4, SECTION 34, T4N, R63W, 6th P.M.**  
**WELD COUNTY, COLORADO**

<b>SURVEYED BY</b>	JAMES FRESHWATER	09-08-17	<b>SCALE</b>
<b>DRAWN BY</b>	MFD	11-25-16	1" = 1000'

## WELL LOCATION PLAT