

**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)  
Lat: 40.406646°  
Long: 104.375453°  
(STP83) CO.NORTH  
N: 1392967.40  
E: 3313158.94

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

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

1990 Alum. Cap,  
#7242, 0.5' High  
Lat: 40.399238°  
Long: 104.375259°  
SP NAD 83  
(CO.NORTH)  
N: 1390269.51  
E: 3313247.05

1990, Alum. Cap,  
#7242, Flush  
w/ Ground  
Lat: 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)  
Lat: 40.391830°  
Long: 104.375066°  
(STP83) CO.NORTH  
N: 1387571.43  
E: 3313335.08

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

1990 Alum. Cap,  
#7242, 0.6' High  
Lat: 40.384643°  
Long: 104.374920°  
SP NAD 83  
(CO.NORTH)  
N: 1384953.98  
E: 3313409.15

1990, Alum. Cap,  
#7242, 0.3' High  
Lat: 40.385026°  
Long: 104.356648°  
SP NAD 83  
(CO.NORTH)  
N: 1385158.71  
E: 3318497.00

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N63°04'37"E	571.87'

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°22'42.08" (40.378356)	LONGITUDE = 104°21'39.50" (104.360972)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1382713.43	E: 3317323.60
NAD 83 (ENTRY TARGET)	
LATITUDE = 40°22'44.64" (40.379066)	LONGITUDE = 104°21'32.91" (104.359142)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1382978.64	E: 3317830.08
NAD 83 (MID LATERAL TARGET)	
LATITUDE = 40°23'31.82" (40.392172)	LONGITUDE = 104°21'32.78" (104.359106)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1387752.96	E: 3317778.73
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°24'19.23" (40.405340)	LONGITUDE = 104°21'32.46" (104.359018)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1392550.06	E: 3317741.49

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

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

W.C.  
1990 Alum. Cap,  
#7242, 0.5' High  
Lat: 40.377557°  
Long: 104.365758°  
SP NAD 83  
(CO.NORTH)  
N: 1382405.59  
E: 3315994.16

True Position  
Lat: 40.377640°  
Long: 104.365756°  
SP NAD 83  
(CO.NORTH)  
N: 1382435.58  
E: 3315994.28

CERTIFICATE OF REGISTRATION

THIS IS TO CERTIFY THAT THE ABOVE DRAWING WAS PREPARED FROM FIELD 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.

*Chad Mieirs*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO

**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 FEDERAL 44-19-18XRLNB  
SE 1/4 SE 1/4, SECTION 19, T5N, R62W, 6th P.M.  
WELD COUNTY, COLORADO**

SURVEYED BY	CHAD MIEIRS	12-11-17	SCALE
DRAWN BY	C.IVIE	02-21-18	1" = 1000'

**WELL LOCATION PLAT**



PDOP = 1.3