

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELLHEAD

◆ = ENTRY TARGET

○ = TARGET BOTTOM HOLE

▲ = SECTION CORNERS LOCATED. (NAD 83)

△ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

1996 Alum. Cap,
#12374, 0.4' High
Lat: 40.377752°
Long: 104.450444°
SP NAD 83
(CO. NORTH)
N: 1382185.83°
E: 3292401.34°
N89°45'35"W - 2691.26' (Meas.)

2009 Alum. Cap,
#16406, Flush
w/ Ground
Lat: 40.377725°
Long: 104.440787°
SP NAD 83
(CO. NORTH)
N: 1382208.14°
E: 3295091.81°

Alum. Cap,
#4845, 0.3' High
Lat: 40.377697°
Long: 104.431129°
SP NAD 83
(CO. NORTH)
N: 1382230.25°
E: 3297782.36°

T5N, R63W, 6th P.M.

2009 Alum. Cap,
#16406, 0.3' High
Lat: 40.370513°
Long: 104.450504°
SP NAD 83
(CO. NORTH)
N: 1379548.89°
E: 3292415.93°

1996 Alum. Cap,
#7242, 0.9' High
Below Ground
Lat: 40.363266°
Long: 104.450462°
SP NAD 83
(CO. NORTH)
N: 1376909.01°
E: 3292458.68°

2000 Alum. Cap,
#9644, Flush
w/ Ground
Lat: 40.363272°
Long: 104.440926°
SP NAD 83
(CO. NORTH)
N: 1376942.88°
E: 3295115.81°

True Position
Lat: 40.363223°
Long: 104.431400°
SP NAD 83 (CO. NORTH)
N: 1376956.76°
E: 3297770.44°

Alum. Cap, #4846
Lat: 40.370459°
Long: 104.431088°
SP NAD 83
(CO. NORTH)
N: 1379593.86°
E: 3297825.61°

W.C. 2006,
Alum. Cap, #22098
Lat: 40.363220°
Long: 104.4306682°
SP NAD 83
(CO. NORTH)
N: 1376958.40°
E: 3297970.44°

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°22'36.51" (40.376808)	
LONGITUDE = 104°25'56.83" (104.432453)	
STATE PLANE NAD 83 (CO. NORTH)	
N: 1381901.78 E: 3297417.55	
NAD 83 (ENTRY TARGET)	
LATITUDE = 40°22'39.68" (40.377688)	
LONGITUDE = 104°26'14.81" (104.437448)	
STATE PLANE NAD 83 (CO. NORTH)	
N: 1382205.79 E: 3296021.98	
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°21'52.36" (40.364544)	
LONGITUDE = 104°26'15.10" (104.437528)	
STATE PLANE NAD 83 (CO. NORTH)	
N: 1377417.69 E: 3296057.15	

PDOP = 1.8



See
Detail "A"
@ BELOW

N89°45'19"W
2691.33' (Meas.)

Entry
Target

N76°59'44"W
1428.67'

NORTH PLATTE
P31-T34-28HNB
Elev. Graded
Ground = 4548.4'

Detail "A"
No Scale

Section Line

Entry
Target

Target Bottom Hole

1723'

S89°59'06"W - 2658.04' (Meas.)

N89°35'03"W - 2655.36' (Meas.)

N00°13'28"W - 2637.43' (Meas.)

N00°23'55"E - 2637.67' (Meas.)

N00°12'44"W - 2640.92' (Meas.)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE DEAN WAS PREPARED BY COMPILED 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

REV: 2 1-2-18 C.IVIE (ENTRY TARGET CHANGE)

BASIS OF BEARINGS

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

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION 'M414'. 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

NORTH PLATTE P31-T34-28HNB
NE 1/4 NE 1/4, SECTION 28, T5N, R63W, 6th P.M.
WELD COUNTY, COLORADO

SURVEYED BY	DALLAS NIELSEN	09-26-16	SCALE
DRAWN BY	M.F.D.	11-03-16	1" = 1000'

WELL LOCATION PLAT