

WELL LOCATION CERTIFICATE

NW CRN SEC. 21
2.5"AC LS 23513

SECTION 21, TOWNSHIP 4 NORTH, RANGE 67 WEST, 6TH P.M.
S89°17'39"E 2683.2'

N1/4 CRN SEC. 21
3.25"AC LS 18427

BASIS OF BEARINGS
2631.7'
342'
1148'
S01°12'17"E
1766'
S55°31'E

GROUND ELEVATION = 4922'
LAT. & LONG. = N 40.30249°
W 104.90442°

BH = 2573' FNL,
1337' FWL.

W1/4 CRN SEC. 21
2.5"AC LS 30482

2633.3'

N01°12'47"W

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 2573' FNL, 1337' FWL.

WELL FALLS IN ABANDONED LIVESTOCK PENS.
PROPOSED WELLS ARE 22' E & W.
SEE LOCATION DRAWING FOR IMPROVEMENTS.

SW CRN SEC. 21
3.25"AC LS 7242

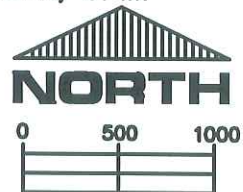
S89°29'31"E 2668.3'

S1/4 CRN SEC. 21
2.5"AC LS 22097

I HEREBY STATE TO UNIOIL THAT THIS WELL LOCATION CERTIFICATE FOR THE
WELL CENTENNIAL 21KDU IS LOCATED 1148' FNL & 342' FWL, SEC. 21, T4N, R67W, 6PM.

LEGEND

- ⊕ = FOUND MONUMENT
- = PROPOSED WELL
- ◊ = BOTTOM HOLE



SCALE 1" = 1000'

ELEVATION SOURCE = USGS 7.5' QUAD.MAP CONTOURS
NGVD 1929 DATUM.

LAT. & LONG. ARE DIFFERENTIALLY CORRECTED (NAD'83)
USING (DGPS) WITH (PDOP) VALUES LESS THAN SIX (6).

SHOWN DISTANCES ARE FIELD MEASURED - EXTERIOR SECTION LINES
ARE DRAWN TO SCALE (BEST APPROX. OR FOUND MONUMENT ⊕).

DISTANCES TO WELL SHOWN PERPENDICULAR
TO SECTION LINES.

THOMAS G. CARLSON, PLS 24657
HORSESHOE SURVEYING, LLC

THIS IS NOT A MONUMENTED BOUNDARY SURVEY, IT IS ONLY A
DRAWING INTENDED TO DEPICT THE WELL LOCATION TO SECTION LINES.

PREPARED BY:

HORSESHOE SURVEYING, LLC
PO BOX 150458
LAKEWOOD, CO 80215
(720)872-0196

WELL NAME:

CENTENNIAL 21KDU

DRAWING DATE:

1-29-10

LOCATION:

WELD COUNTY, CO
NW1/4, SEC. 21, T4N, R67W, 6TH P.M.

FIELD DATE:

1-27-10

BY:

TGC

CHKD:

JOB NO.

SHEET NO.

1 OF 1