

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 16427

BASIS OF BEARINGS

2631.7'

S01°12'17"E

2633.3'

N01°12'47"W

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

GROUND ELEVATION = 4922'
LAT. & LONG. = N 40.30250°
W 104.90434°

S63°04'E
1864'

BH = 1971' FNL,
2008' FWL.

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 1971' FNL, 2008' 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

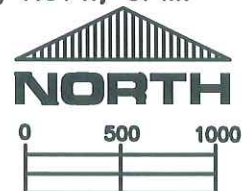
S89°29'31"E 2668.3'

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

I HEREBY STATE TO UNIOIL THAT THIS WELL LOCATION CERTIFICATE FOR THE
WELL CENTENNIAL 22-21DU IS LOCATED 1147' FNL & 364' 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 22-21DU	
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