

# 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 30462

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

GROUND ELEVATION = 4922'  
LAT. & LONG. = N 40.30248°  
W 104.90448°

BH = 1972' FNL,  
669' FWL.

## NOTES:

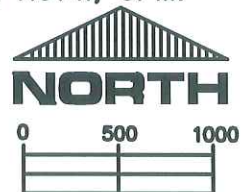
THIS IS A DIRECTIONAL DRILL WELL.  
BOTTOM HOLE AT 1972' FNL, 669' FWL.

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

I HEREBY STATE TO UNIOIL THAT THIS WELL LOCATION CERTIFICATE FOR THE  
WELL CENTENNIAL 12-21DU IS LOCATED 1149' FNL & 320' 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 12-21DU	
DRAWING DATE: 1-29-10		BY: TGC		LOCATION: WELD COUNTY, CO NW1/4, SEC. 21, T4N, R67W, 6TH P.M.	
FIELD DATE: 1-27-10		CHKD:		JOB NO.	
				SHEET NO. 1 OF 1	

