

# 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

1147'

364'

S63°04'E  
1864'

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

BH = 1971' FNL,  
2008' FWL.

W1/4 CRN SEC. 21  
2.5°AC LS 30462

**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

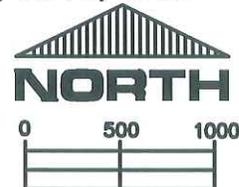
S89°29'31"E 2668.3'

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  ).

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.

DISTANCES TO WELL SHOWN PERPENDICULAR  
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	JOB NO.	SHEET NO. 1 OF 1