

# WELL LOCATION CERTIFICATE

SECTION 31, TOWNSHIP 3 NORTH, RANGE 63 WEST, 6TH P.M.

NW CRN SEC. 31  
3.25" AC LS 10855  
N=40.18916°  
W=104.49041°

NE CRN SEC. 31  
3.25" AC LS 3970  
N=40.18913°  
W=104.47114°

N89°26'03"E 5383.7'

BH = 500' FNL,  
829' FEL.

LAT. & LONG. = N 40.18776°  
W 104.47409°

## NOTES:

THIS IS A HORIZONTAL DRILL WELL.  
BOTTOM HOLE AT 500' FNL, 829' FEL.  
WELL FALLS IN A PASTURE.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4836'  
LAT. & LONG. = N 40.17487°  
W 104.47256°

5278.9'

N00°05'34"E

5271.9'

N01°20'03"W  
BASIS OF BEARINGS

N01°20'W 4477'

SW CRN SEC. 31  
2.5" AC LS 10855  
N=40.17466°  
W=104.49065°

N89°21'39"E 5515.1'

N60°W 433' 75' 459'

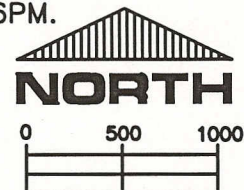
SE CRN SEC. 31  
2.5" AC LS 23501  
N=40.17466°  
W=104.47091°

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL  
GUTTERSEN 31T-221 IS LOCATED 75' FSL & 459' FEL, SEC. 31, T3N, R63W, 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 (WGS'84)  
USING (DGPS) WITH (PDOP) VALUE OF 1.7.

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

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  
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WELL NAME:

GUTTERSEN 31T-221

LOCATION:

WELD COUNTY, CO  
E1/2, SEC. 31, T3N, R63W, 6TH P.M.

DRAWING DATE:  
10-19-12

FIELD DATE:  
10-16-12

BY: TGC

CHKD: