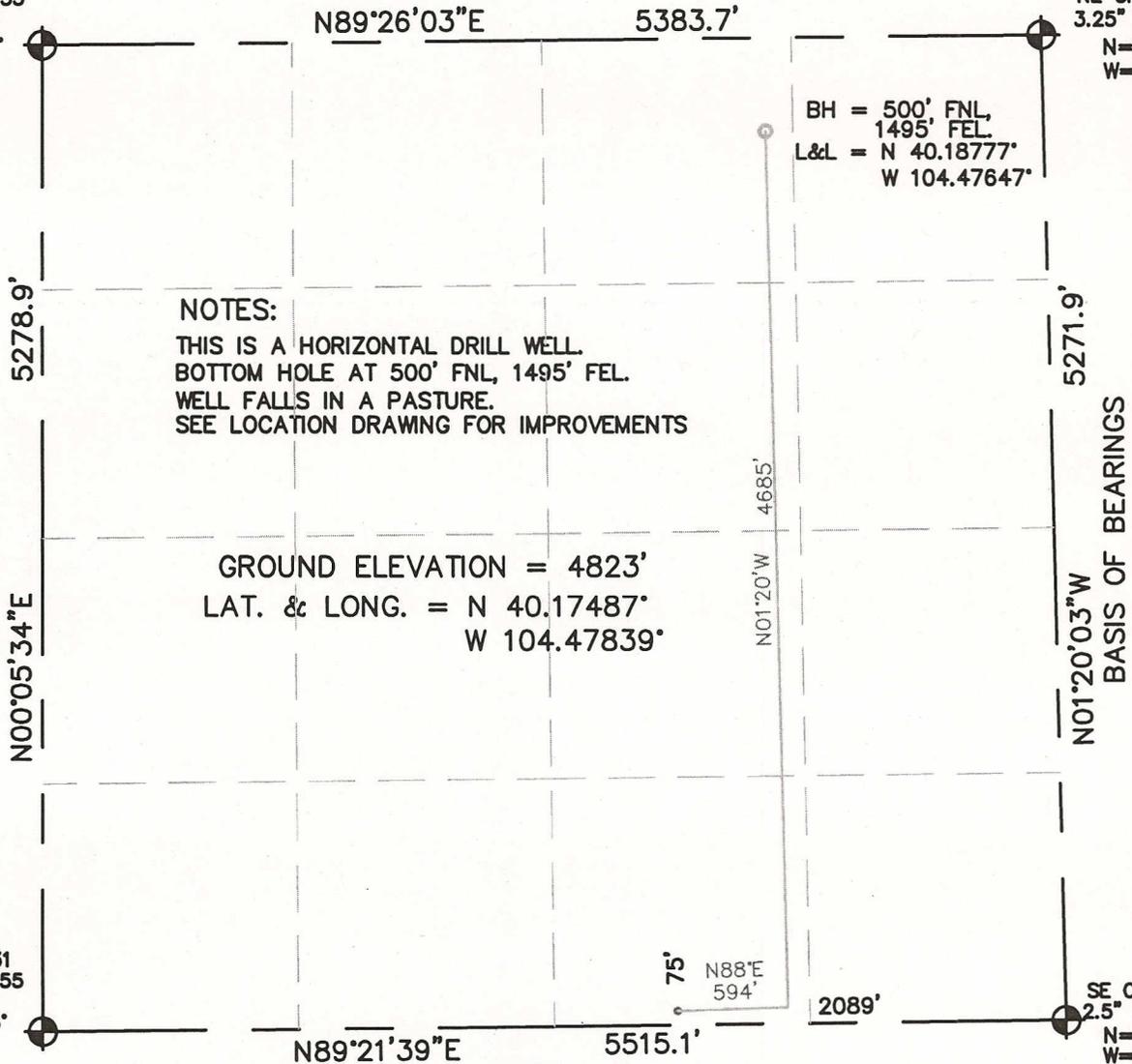


WELL LOCATION CERTIFICATE

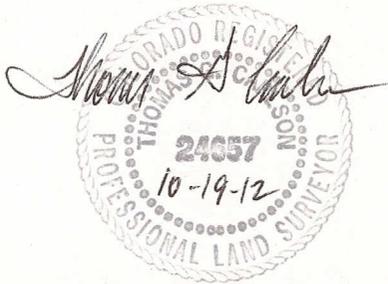
SECTION 31, TOWNSHIP 3 NORTH, RANGE 63 WEST, 6TH P.M.

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°

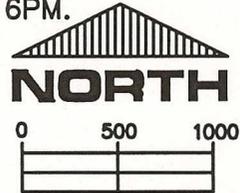


I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL GUTTERSEN 31T-201 IS LOCATED 75' FSL & 2089' FEL, SEC. 31, T3N, R63W, 6PM.



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 1.6.

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: <p style="text-align: center;">GUTTERSEN 31T-201</p>
DRAWING DATE: <p style="text-align: center;">10-19-12</p>	LOCATION: <p style="text-align: center;">WELD COUNTY, CO E1/2, SEC. 31, T3N, R63W, 6TH P.M.</p>
FIELD DATE: <p style="text-align: center;">10-16-12</p>	BY: TGC CHKD: