

WELL LOCATION CERTIFICATE

SECTION 11, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

NW CRN SEC. 11
3.25" AC LS 4392

N88°23'32"E 2713.9' N88°26'15"E 2702.7'

NE CRN SEC. 11
3.25" AC LS 4392

N1/4 CRN SEC. 11
3.25" AC LS 4392

2663.6'

BH = 1520' FNL,
500' FWL
LAT. & LONG. = N 40.59299°
W 104.75257°

1298'

534'

2733.2'

BASIS OF BEARINGS

S00°42'40"E

S27°20'W
252'

S88°24'W

4264'

NOTES:

THIS IS A HORIZONTAL DRILL WELL.
BOTTOM HOLE AT 1520' FNL, 500' FWL.
WELL FALLS IN A WHEAT FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4961'
LAT. & LONG. = N 40.59383°
W 104.73680°

W1/4 CRN SEC. 11
3.25" AC LS 12374

N00°41'34"W

2651.3'

N00°37'50"W

SW CRN SEC. 11
3.25" AC LS 7242

N89°54'10"W 2701.6'

S1/4 CRN SEC. 11
3.25" AC LS 7242

S89°52'44"W 2826.2'

SE CRN SEC. 11
3.25" AC LS 8142

S02°57'11"E

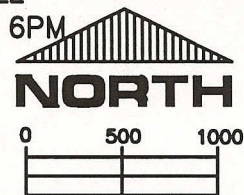
2733.7'

E1/4 CRN SEC. 11
3.25" AC LS 10855

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL
THORNTON 11V-404 IS LOCATED 1298' FNL & 534' FEL, SEC. 11, T7N, R66W, 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 1.8.

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
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WELL NAME: THORNTON 11V-404

LOCATION: WELD COUNTY, CO
NE1/4, SEC. 11, T7N, R66W, 6TH P.M.

DRAWING DATE:
9-27-12

FIELD DATE:
9-20-12

BY: TGC

CHKD:

JOB NO.

SHEET NO.

1 OF 1