

WELL LOCATION CERTIFICATE

W1/4 CRN SEC. 28
2.5" AC LS 16154
N 40.54578°
W 104.79297°

S 1/2 S.28 & N 1/2 S.33, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

E1/4 CRN SEC. 28
2.5" AC LS 12374
N 40.54591°
W 104.77380°

BASIS OF BEARINGS
N01°54'37"E
2679.2'

NOTES:

THIS IS A HORIZONTAL DRILL WELL
BOTTOM HOLE AT 2140' FNL, 1131' FEL SEC. 33
WELL FALLS IN A PLOWED FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4935'
LAT. & LONG. = N 40.54547°
W 104.77706°

SW CRN SEC. 28
2.5" AC LS 28285
N 40.53844°
W 104.79331°

S89°09'37"W 2659.8'

S1/4 CRN SEC. 28
3.25" AC LS 7242
N 40.53853°
W 104.78374°

S89°09'49"W

2659.3'

SE CRN SEC. 28
2.5" AC LS 23513
N 40.53882°
W 104.77417°

W1/4 CRN SEC. 33
2.5" AC LS 16154
N 40.53106°
W 104.79369°

S02°08'22"W

2691.0'

S89°09'37"W 2659.8'

N88°52'57"E

N 40.53119°
W 104.78411°

2677.9'

S02°06'07"W

BH = 2140' FNL
1131' FEL
N 40.53273°
W 104.77853°

429'
S35°23'W

S02°03'W

4310'

2510'

900'

2665.0'

S02°09'24"W

2664.7'

N02°03'23"E

E1/4 CRN SEC. 33
2.5" AC LS 23513
N 40.53131°
W 104.77453°

2662.2'

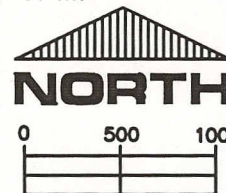
2662.1'

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL
THORNTON 28S-403 IS LOCATED 2510' FSL & 900' FEL, SEC. 28, 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 A (PDOP) VALUE OF 1.8.

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

DISTANCES TO SITE 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:

THORNTON 28S-403

DRAWING DATE:

4-28-13

FIELD DATE:

4-26-13

BY:

TGC

SHEET:

1 OF 1

LOCATION:

WELD COUNTY, CO

SE1/4, SEC. 28, T7N, R66W, 6TH P.M.