

# WELL LOCATION CERTIFICATE

PART OF SECTIONS 21 & 28, TOWNSHIP 7  
NORTH, RANGE 66 WEST, 6TH P.M.




NW CRN SEC. 21  
3.25" AC LS 10855

N88°47'53"E

2662.8'

N1/4 CRN SEC. 21  
2.5" AC LS 9644

## LEGEND

-  = FOUND MONUMENT
-  = PROPOSED WELL
-  = BOTTOM HOLE



0 500 1000  
SCALE 1" = 1000'

S.21

GROUND ELEVATION = 4963'  
LAT. & LONG. = N 40.55965°  
W 104.78841°

## NOTES:

THIS IS A HORIZONTAL DRILL WELL.  
BOTTOM HOLE AT 2140' FNL,  
1080' FWL (SEC.28).

WELL FALLS IN A HAY FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

S1/4 CRN SEC. 21  
3.25" AC LS 26595

E1/4 CRN SEC. 21  
3.25" AC LS 28595  
N=40.56054°  
W=104.77348°

SW CRN SEC. 21  
3.25" AC LS 7242  
N=40.55311°  
W=104.79264°

N=40.55320°  
W=104.77343°  
SE CRN SEC. 21  
3.25" AC LS 28595

N=40.54576°  
W=104.79299°  
W1/4 CRN SEC. 28  
2.5" AC LS 18154

N=40.54589°  
W=104.77381°  
E1/4 CRN SEC. 28  
2.5" AC LS 12374

S.28

BH = 2140' FNL,  
1080' FWL.  
LAT. & LONG. = N 40.54716°  
W 104.78903°

PREPARED BY:

HORSESHOE SURVEYING, LLC  
PO BOX 150458  
LAKEWOOD, CO 80215  
(720)872-0196

WELL NAME:

THORNTON 21K-443

LOCATION:

WELD COUNTY, CO  
(SURFACE) SW1/4, SEC. 21, T7N, R66W, 6TH P.M.  
(BH) NW1/4, SEC. 28, T7N, R66W, 6TH P.M.

DRAWING DATE:

3-4-13

FIELD DATE:

10-11-12

BY:

TGC

CHKD:

JOB NO.

SHEET NO.

1 OF 2



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NORTH, RANGE 66 WEST, 6TH P.M.

S.21

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WELL FALLS IN A HAY FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

BH = 2140' FNL,  
1080' FWL.

LAT. & LONG. = N 40.54716°  
W 104.78903°

S.28

W1/4 CRN SEC. 21  
2.5" AC LS 16154  
N=40.56040°  
W=104.79266°

E1/4 CRN SEC. 21  
3.25" AC LS 26595  
N=40.56054°  
W=104.77348°

SW CRN SEC. 21  
3.25" AC LS 7242  
N=40.55311°  
W=104.79264°

S1/4 CRN SEC. 21  
3.25" AC LS 26595  
N=40.55320°  
W=104.77343°  
SE CRN SEC. 21  
3.25" AC LS 26595

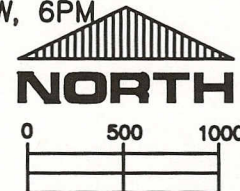
N=40.54576°  
W=104.79299°  
W1/4 CRN SEC. 28  
2.5" AC LS 16154

N=40.54589°  
W=104.77381°  
E1/4 CRN SEC. 28  
2.5" AC LS 12374

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL  
THORNTON 21K-443 IS LOCATED 2376' FSL & 1180' FWL, SEC. 21, 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 1.6.

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: THORNTON 21K-443	
DRAWING DATE: 3-4-13		LOCATION: WELD COUNTY, CO (SURFACE) SW1/4, SEC. 21, T7N, R66W, 6TH P.M. (BH) NW1/4, SEC. 28, T7N, R66W, 6TH P.M.	
FIELD DATE: 10-11-12	BY: TGC	CHKD:	JOB NO. SHEET NO. 2 OF 2

