

WELL LOCATION CERTIFICATE

SECTION 34, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

NW CRN SEC. 34
2.5" AC LS 23513

N89°21'57"E

2783.5'

N89°09'51"E

2774.2'

NE CRN SEC. 34
2.5" AC LS 23513

N 40.53877°
W 104.75416°

N1/4 CRN SEC. 34
2.5" AC LS 12374
N 40.53868°
W 104.76414°

225'
1270'
553'
N68°31'E

2664.8'

N02°03'23"E

2665.2'

N02°03'27"E

N 40.52400°
W 104.77489°

SW CRN SEC. 34
2.5" AC LS 23513

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 500' FSL, 774' FEL.
WELL FALLS IN A PLOWED FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4880'
LAT. & LONG. = N 40.53811°
W 104.75881°

BH = 500' FSL,
774' FEL.
LAT. & LONG. = N 40.52552°
W 104.75839°

2666.5'
S04°36'03"W
BASIS OF BEARINGS

E1/4 CRN SEC. 34
2.5" AC LS 23513

2666.6'

S04°36'10"W




SE CRN SEC. 34
2.5" AC LS 23513
N 40.52418°
W 104.75575°

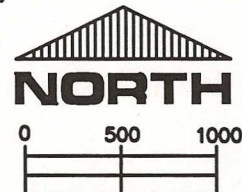
S89°07'03"W

5321.3'

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION OF THE WELL
ANDERSON 34R-223 IS LOCATED 225' FNL & 1270' FEL, SEC. 34, 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 1.3.

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

DRAWING DATE:

2-15-13

FIELD DATE:

3-31-12

BY:

TGC

ANDERSON 34R-223

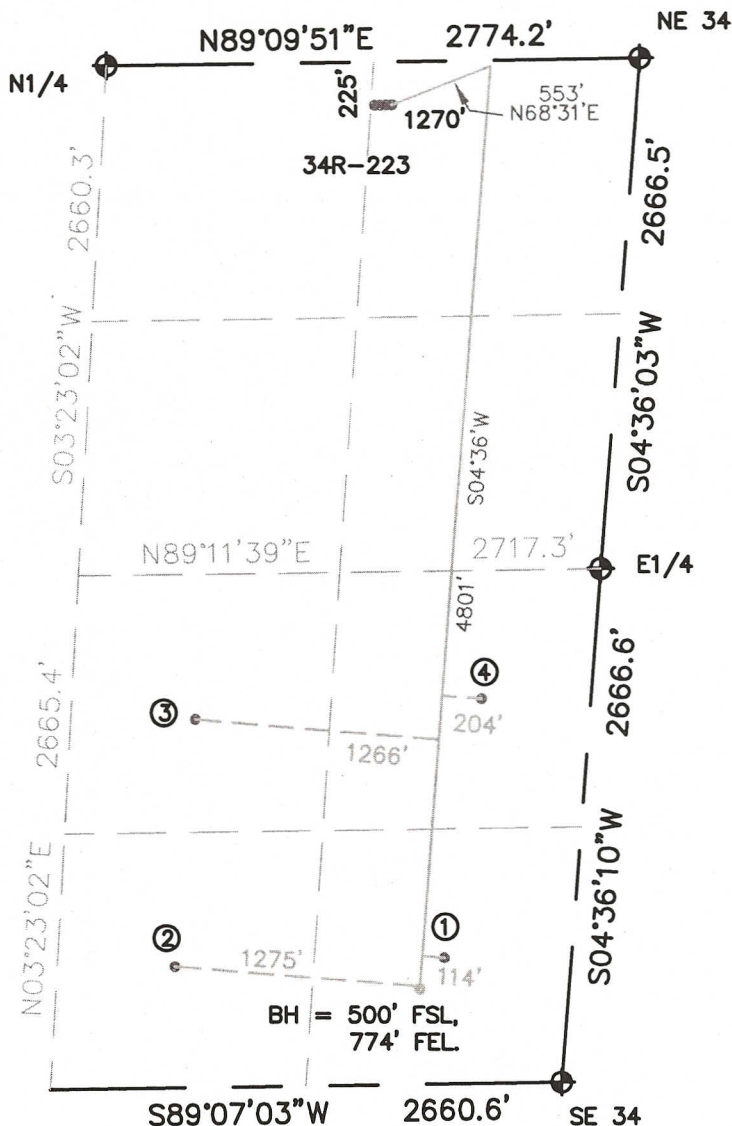
LOCATION:

WELD COUNTY, CO

E1/2, SEC. 34, T7N, R66W, 6TH P.M.

EXISTING WELL LOCATIONS DRAWING

E1/2 SECTION 34, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

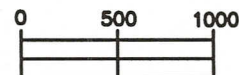


- ① SESE- PATRICK ANDERSON #1
661' FSL, 660' FEL
N 40.52598°, W 104.75794°
- ② SWSE- ANDERSON 34-34
635' FSL, 2049' FEL
N 40.52586°, W 104.76296°
- ③ NWSE- ANDERSON 33-34
1910' FSL, 2040' FEL
N 40.52936°, W 104.76255°
- ④ NESE- ANDERSON 43-34
1994' FSL, 570' FEL
N 40.52964°, W 104.75721°

NO OTHER VISIBLE WELLS
IN THE E1/2 SECTION 34

LEGEND

- ⊕ = FOUND MONUMENT
- = PROPOSED/EXISTING WELL
- = BOTTOM HOLE



SCALE 1" = 1000'

LAT. & LONG. ARE DIFFERENTIALLY CORRECTED (WGS'84)
USING (DGPS) WITH (PDOP) VALUES LESS THAN SIX (6).

THIS IS NOT A MONUMENTED BOUNDARY SURVEY, IT IS ONLY A
DRAWING INTENDED TO SHOW EXISTING WELL LOCATIONS TO SECTION LINES.

DISTANCES TO WELLS SHOWN PERPENDICULAR
TO SECTION LINES.

PREPARED BY:

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

ANDERSON 34R-HZ Pad
34R-223

DRAWING DATE:

2-15-13

FIELD DATE:

3-31-12

BY:

TGC

LOCATION:

WELD COUNTY, CO
E1/2, SEC. 34, T7N, R66W, 6TH P.M.