

WELL LOCATION CERTIFICATE

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

NW CRN SEC. 34
2.5° AC LS 23513
N 40.53862°
W 104.77417°

NE CRN SEC. 34
2.5° AC LS 23513
N 40.53877°
W 104.75417°

N89°22'01"E 2783.5'

N89°09'55"E 2774.2'

BASIS OF BEARINGS
N02°03'23"E 2664.7'



N1/4 CRN SEC. 34
2.5° AC LS 12374
N 40.53869°
W 104.76415°

NOTES:
THIS IS A HORIZONTAL DRILL WELL.
BOTTOM HOLE AT 500' FSL, 2433' FEL.
WELL FALLS IN A PLOWED FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

W1/4 CRN SEC. 34
2.5° AC LS 23513
N 40.53131°
W 104.77453°

GROUND ELEVATION = 4915'
LAT. & LONG. = N 40.53773°
W 104.76525°

E1/4 CRN SEC. 34
2.5° AC LS 23513
N 40.53148°
W 104.75497°

N02°03'35"E 2665.2'

S03°39'W 4799'

BH = 500' FSL,
2433' FEL
LAT. & LONG. = N 40.52547°
W 104.76446°

S1/4 CRN SEC. 34
2.5° AC LS ILLEGIBLE
N 40.52409°
W 104.76544°

S04°36'14"W 2666.6'

N 40.52400°
W 104.77490°
SW CRN SEC. 34
2.5° AC LS 23513

N89°11'19"E 2635.4'

N89°03'00"E 2685.9'

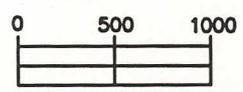
SE CRN SEC. 34
2.5° AC LS 23513
N 40.52418°
W 104.75576°

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION OF THE WELL ANDERSON 34M-303 IS LOCATED 346' FNL & 2491' FWL, 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 1.6.

THOMAS G. CARLSON, PLS 24657
HORSESHOE SURVEYING, LLC

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

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

ANDERSON 34M-303

DRAWING DATE:
3-30-13

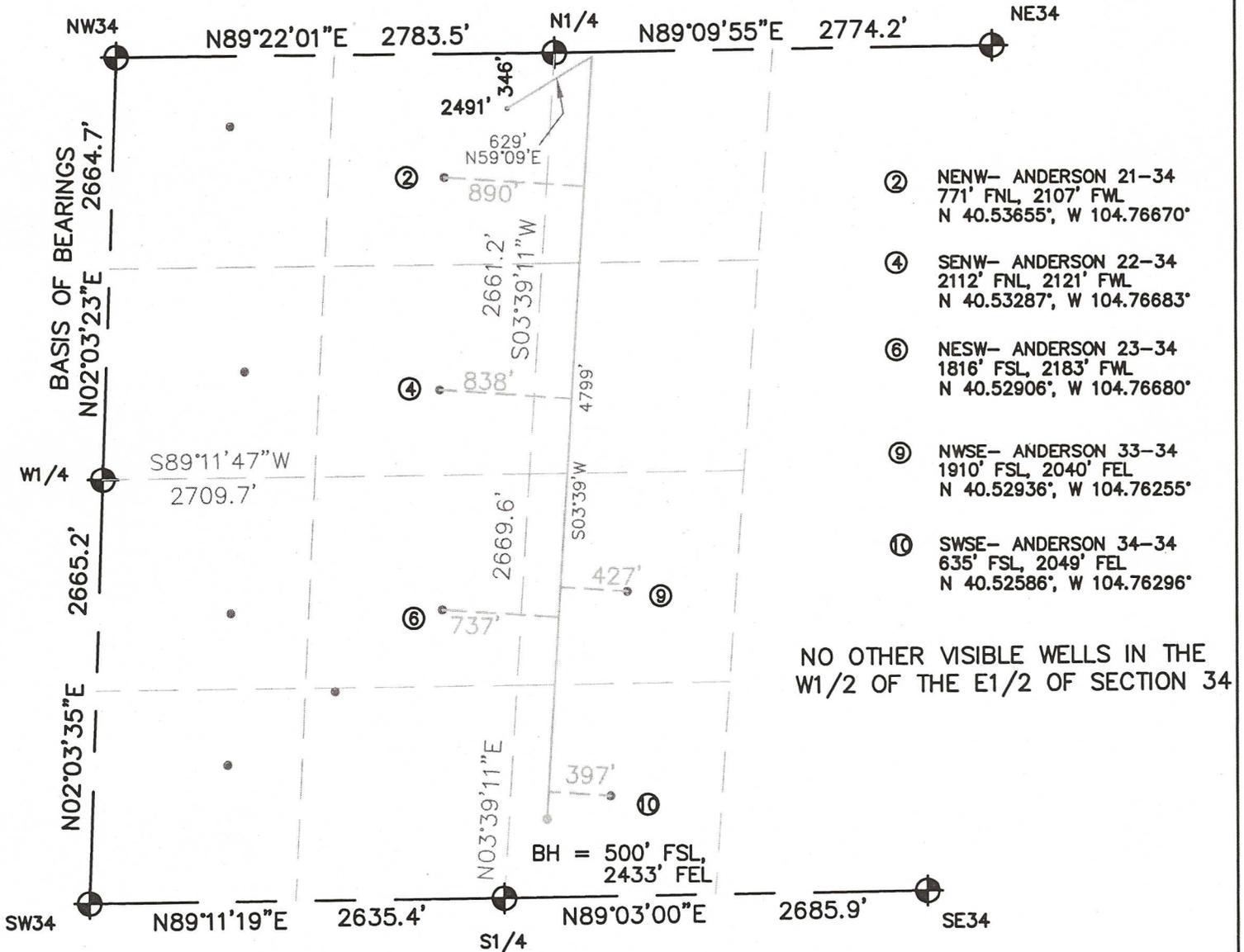
LOCATION: WELD COUNTY, CO
NW1/4, SEC. 34, T7N, R66W, 6TH P.M.

FIELD DATE:
3-28-13

BY: TGC

EXISTING WELL LOCATIONS DRAWING

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

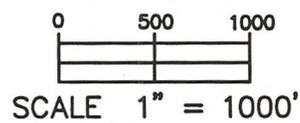


- ② NENW- ANDERSON 21-34
771' FNL, 2107' FWL
N 40.53655°, W 104.76670°
- ④ SENW- ANDERSON 22-34
2112' FNL, 2121' FWL
N 40.53287°, W 104.76683°
- ⑥ NESW- ANDERSON 23-34
1816' FSL, 2183' FWL
N 40.52906°, W 104.76680°
- ⑨ NWSE- ANDERSON 33-34
1910' FSL, 2040' FEL
N 40.52936°, W 104.76255°
- ⑩ SWSE- ANDERSON 34-34
635' FSL, 2049' FEL
N 40.52586°, W 104.76296°

NO OTHER VISIBLE WELLS IN THE
W1/2 OF THE E1/2 OF SECTION 34

LEGEND

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



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 34M-HZ 6Pad 34M-303
DRAWING DATE:	3-30-13	LOCATION:
FIELD DATE:	3-28-13	BY:
	TGC	WELD COUNTY, CO W1/2, SEC. 34, T7N, R66W, 6TH P.M.