

WELL LOCATION CERTIFICATE

NW CRN SEC. 15
3.25" AC LS 20685
N=40.49563°
W=104.77331°

SECTION 15, TOWNSHIP 6 NORTH, RANGE 66 WEST, 6TH P.M.
N 89°45'06" E 2677.3' N 89°45'07" E 2661.4'

NE CRN SEC. 15
3.25" AC LS 22098
N=40.49558°
W=104.75413°

N1/4 CRN SEC. 15
3.25" AC LS 10855
N=40.49561°
W=104.76369°

N 00°20'59" W 2632.8'

489'
S61°58'W 330'
608'

S 00°32'09" E 2637.4'

NOTES:
THIS IS A HORIZONTAL DRILL WELL.
BOTTOM HOLE AT 500' FSL, 1044' FEL.
SITE FALLS IN A CORN FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

W1/4 CRN SEC. 15
3.25" AC LS 10855
N=40.48841°
W=104.77333°

E1/4 CRN SEC. 15
2.5" AC LS ILLEG.
N=40.48834°
W=104.75412°

N 00°17'45" W 2639.4'

GROUND ELEVATION = 4815'
LAT. & LONG. = N 40.49468°
W 104.75631°

500'± FSL
4290'

S 00°27'53" E 2652.4'
BASIS OF BEARINGS

BH = 500' FSL, 1044' FEL
N=40.48245°
W=104.75787°

SW CRN SEC. 15
2.5" AC LS 23501
N=40.48117°
W=104.77336°

S1/4 CRN SEC. 15
3.25" AC LS ILLEG.
N=40.48112°
W=104.76374°

SE CRN SEC. 15
MAG NAIL
N=40.48106°
W=104.75412°

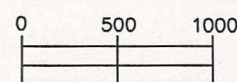
S 89°56'26" W 2677.8' S 89°56'24" W 2677.3'

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL
HARVESTERS RESOURCES 15R-323 IS LOCATED 330' FNL & 608' FEL, SEC. 15, T6N, 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.

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 SITE SHOWN PERPENDICULAR
TO SECTION LINES.

PREPARED BY:

HORSESHOE SURVEYING, LLC
PO BOX 150458
LAKEWOOD, CO 80215
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WELL (PAD) NAME:

HARVESTERS RESOURCES 15R-323

DRAWING DATE:

5-20-13

LOCATION:

WELD COUNTY, CO

FIELD DATE:

5-17-13

BY:

TGC

NE1/4, SEC. 15, T6N, R66W, 6TH P.M.