

# WELL LOCATION CERTIFICATE

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'

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

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

489'  
S61°58'W  
330'  
608'

N 00°20'59" W 2632.8'

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

S00°28'E

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'

S 00°27'53" E 2652.4'

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

4290'

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'

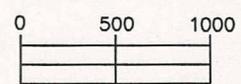
S 89°56'24" W 2677.3'

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  
(720)872-0196

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.