

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°

323'
N72°19'W
337' 2023'

N 00°20'59" W 2632.8'

NOTES:
THIS IS A HORIZONTAL DRILL WELL.
BOTTOM HOLE AT 500' FSL, 1704' 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°

GROUND ELEVATION = 4820'
LAT. & LONG. = N 40.49471°
W 104.76140°

N 00°17'45" W 2639.4'

S00°28'E

4562'

BH = 500' FSL, 1704' FEL
N=40.48247°
W=104.76024°

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

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°

S 89°56'26" W 2677.8'

S 89°56'24" W 2677.3'

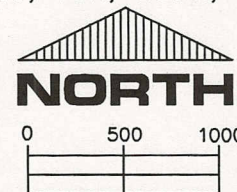
SE CRN SEC. 15
MAG NAIL
N=40.48106°
W=104.75412°

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL
HARVESTERS RESOURCES 15R-243 IS LOCATED 323' FNL & 2023' 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.

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

DISTANCES TO SITE 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:

5-20-13

FIELD DATE:

5-17-13

BY:

TGC

WELL (PAD) NAME:

HARVESTERS RESOURCES 15R-243

LOCATION:

WELD COUNTY, CO

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