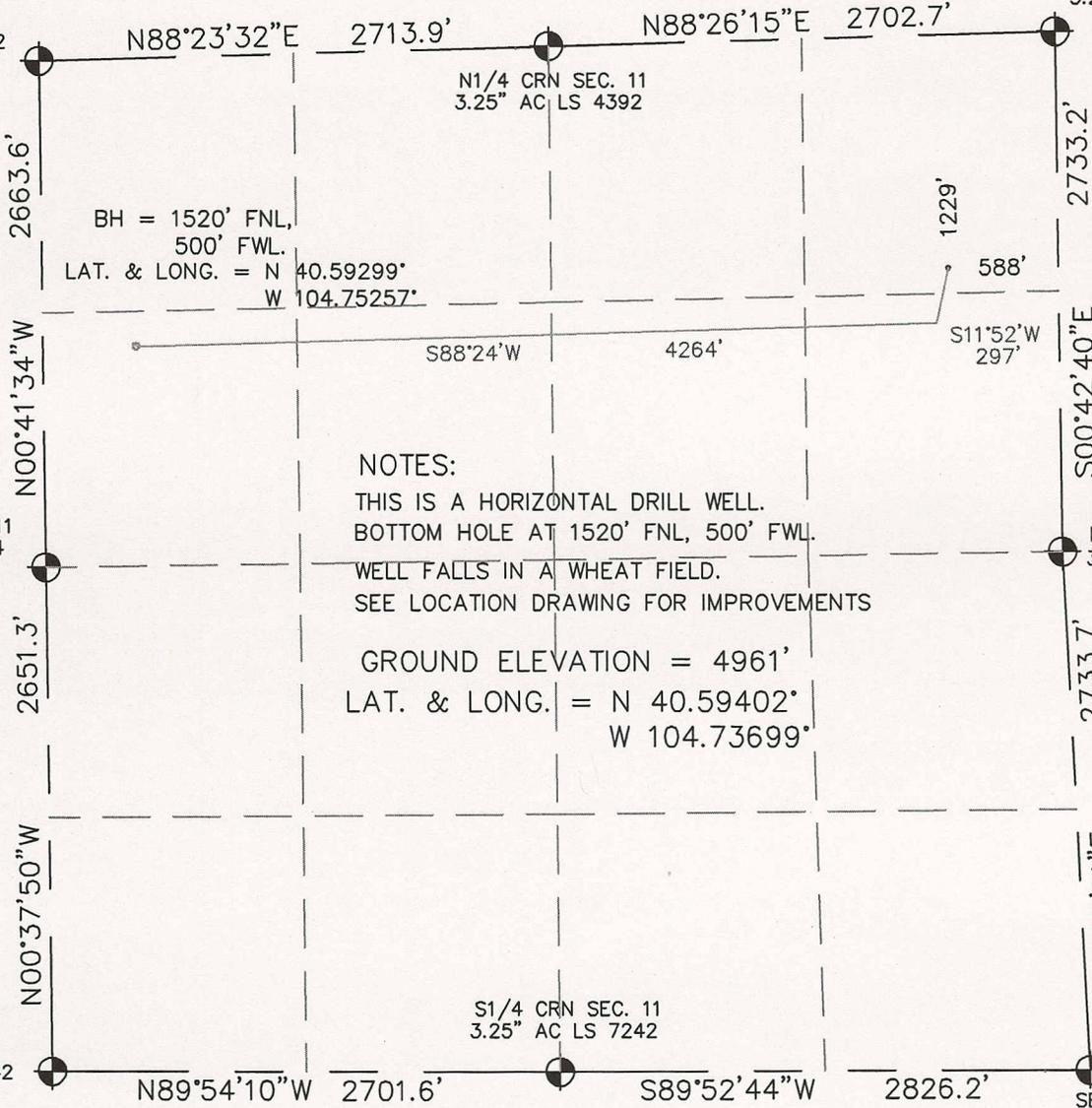


# WELL LOCATION CERTIFICATE

SECTION 11, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

NW CRN SEC. 11  
3.25" AC LS 4392

NE CRN SEC. 11  
3.25" AC LS 4392



BH = 1520' FNL,  
500' FWL.  
LAT. & LONG. = N 40.59299°  
W 104.75257°

**NOTES:**  
THIS IS A HORIZONTAL DRILL WELL.  
BOTTOM HOLE AT 1520' FNL, 500' FWL.  
WELL FALLS IN A WHEAT FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4961'  
LAT. & LONG. = N 40.59402°  
W 104.73699°

W1/4 CRN SEC. 11  
2.5" AC LS 12374

E1/4 CRN SEC. 11  
3.25" AC LS 10855

SW CRN SEC. 11  
3.25" AC LS 7242

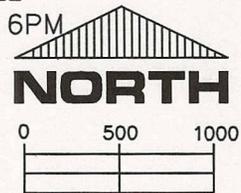
SE CRN SEC. 11  
3.25" AC LS 8142

I HEREBY STATE TO PDC ENERGY THAT THE SURFACE LOCATION FOR THE WELL THORNTON 11V-404 IS LOCATED 1229' FNL & 588' FEL, SEC. 11, 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 (PDOP) VALUE OF 1.8.

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<br>PO BOX 150458<br>LAKEWOOD, CO 80215<br>(720)872-0196 |         | WELL NAME: THORNTON 11V-404                                      |                             |
| DRAWING DATE: 5-23-13   |         | LOCATION: WELD COUNTY, CO<br>NE1/4, SEC. 11, T7N, R66W, 6TH P.M. |                             |
| FIELD DATE: 9-20-12   | BY: TGC | CHKD:  | JOB NO. SHEET NO.<br>1 OF 1 |