

# WELL LOCATION CERTIFICATE

SECTION 15, TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

NW CRN SEC. 15  
3.25" AC LS 33642

S89°41'02"W 2693.4'

S89°41'58"W 2644.1'

NE CRN SEC. 15  
3.25" AC LS 7242

N1/4 CRN SEC. 15  
3.25" AC LS 34995

2653.9'

2652.7'

**NOTES:**

THIS IS A DIRECTIONAL DRILL WELL.  
BOTTOM HOLE AT 2400' FNL, 500' FEL.  
WELL FALLS IN A PASTURE FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

S00°18'51"E

N31°53'E  
454'

N89°41.5'E

4412'

N00°56'30"W

W1/4 CRN SEC. 15  
3.25" AC LS 10855

2659.2'

2529'  
210'

BH = 2400' FNL,  
500' FEL.  
LAT. & LONG. = N 40.57593°  
W 104.75599°

E1/4 CRN SEC. 15  
3.25" AC LS 7242

BASIS OF BEARINGS

S00°19'01"E

GROUND ELEVATION = 4950'  
LAT. & LONG. = N 40.57485°  
W 104.77275°

2648.9'

S00°02'42"E

SW CRN SEC. 15  
3.25" AC LS 10855

N89°34'09"E

2676.9'

S1/4 CRN SEC. 15  
3.25" AC LS 4392

N89°33'56"E

2677.1'

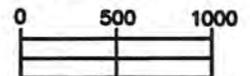
SE CRN SEC. 15  
3.25" AC LS 4392

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THE SURFACE LOCATION FOR THE WELL DANIELSON 15G-412 IS LOCATED 2529' FSL & 210' FWL, SEC. 15, 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 1.4.

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.

<p>PREPARED BY: HORSESHOE SURVEYING, LLC PO BOX 150458 LAKEWOOD, CO 80215 (720)872-0196</p>	<p>WELL NAME: DANIELSON 15G-412</p>
<p>DRAWING DATE: 4-26-12</p>	<p>LOCATION: WELD COUNTY, CO SW1/4, SEC. 15, T7N, R66W, 6TH P.M.</p>
<p>FIELD DATE: 4-23-12</p>	<p>BY: TGC</p>
<p>CHKD:</p>	<p>JOB NO. SHEET NO. 1 OF 1</p>