

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

285'
330'
S20°00'E
797'

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

BH = 1080' FNL,
500' FEL.
LAT. & LONG. = N 40.57955°
W 104.75607°

N89°41.5'E 4296'

2652.7'

S00°18'51"E

2659.2'

S00°19'01"E

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

NOTES:

THIS IS A DIRECTIONAL DRILL WELL.
BOTTOM HOLE AT 1080' FNL, 500' FEL.

WELL FALLS IN A PLOWED FIELD.
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4970'
LAT. & LONG. = N 40.58158°
W 104.77250°

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

2648.9'

S00°02'42"E

SW CRN SEC. 15
3.25" AC LS 10855

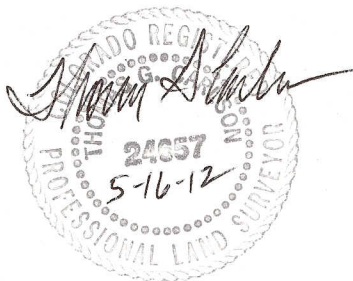
N89°34'09"E 2676.9'

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

N89°33'56"E 2677.1'

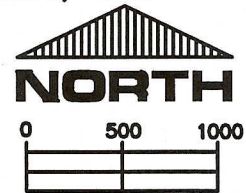
SE CRN SEC. 15
3.25" AC LS 4392

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THE SURFACE LOCATION FOR THE
WELL THORNTON 15F-212 IS LOCATED 330' FNL & 285' 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 1.5.

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

DISTANCES TO WELL 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		WELL NAME: THORNTON 15F-212	
DRAWING DATE: 5-16-12		BY: TGC		LOCATION: WELD COUNTY, CO NW1/4, SEC. 15, T7N, R66W, 6TH P.M.	
FIELD DATE: 4-23-12		CHKD:		JOB NO. SHEET NO. 1 OF 1	