

# 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

285'  
360'  
S05°00'E  
1164'

BH = 1520' FNL,  
500' FEL.  
LAT. & LONG. = N 40.57835°  
W 104.75605°

N89°41.5'E 4474'

**NOTES:**

THIS IS A DIRECTIONAL DRILL WELL.  
BOTTOM HOLE AT 1520' FNL, 500' FEL.  
WELL FALLS IN A PLOWED FIELD.  
SEE LOCATION DRAWING FOR IMPROVEMENTS

GROUND ELEVATION = 4970'  
LAT. & LONG. = N 40.58150°  
W 104.77250°

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

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

BASIS OF BEARINGS

S00°18'51"E

2659.2'

S00°19'01"E

SW CRN SEC. 15  
3.25" AC LS 10855

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

SE CRN SEC. 15  
3.25" AC LS 4392

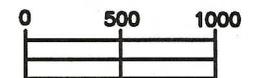
N89°34'09"E 2676.9'

N89°33'56"E 2677.1'

I HEREBY STATE TO PERTOLEUM DEV. CORP. THAT THE SURFACE LOCATION FOR THE WELL THORNTON 15F-432 IS LOCATED 360' 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: <b>HORSESHOE SURVEYING, LLC</b> PO BOX 150458 LAKEWOOD, CO 80215 (720)872-0196		WELL NAME: <b>THORNTON 15F-432</b>	
DRAWING DATE: <b>5-16-12</b>		LOCATION: <b>WELD COUNTY, CO</b> <b>NW1/4, SEC. 15, T7N, R66W, 6TH P.M.</b>	
FIELD DATE: <b>4-23-12</b>	BY: <b>TGC</b>	CHKD:	JOB NO.      SHEET NO. <b>1 OF 1</b>

