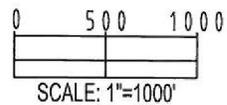
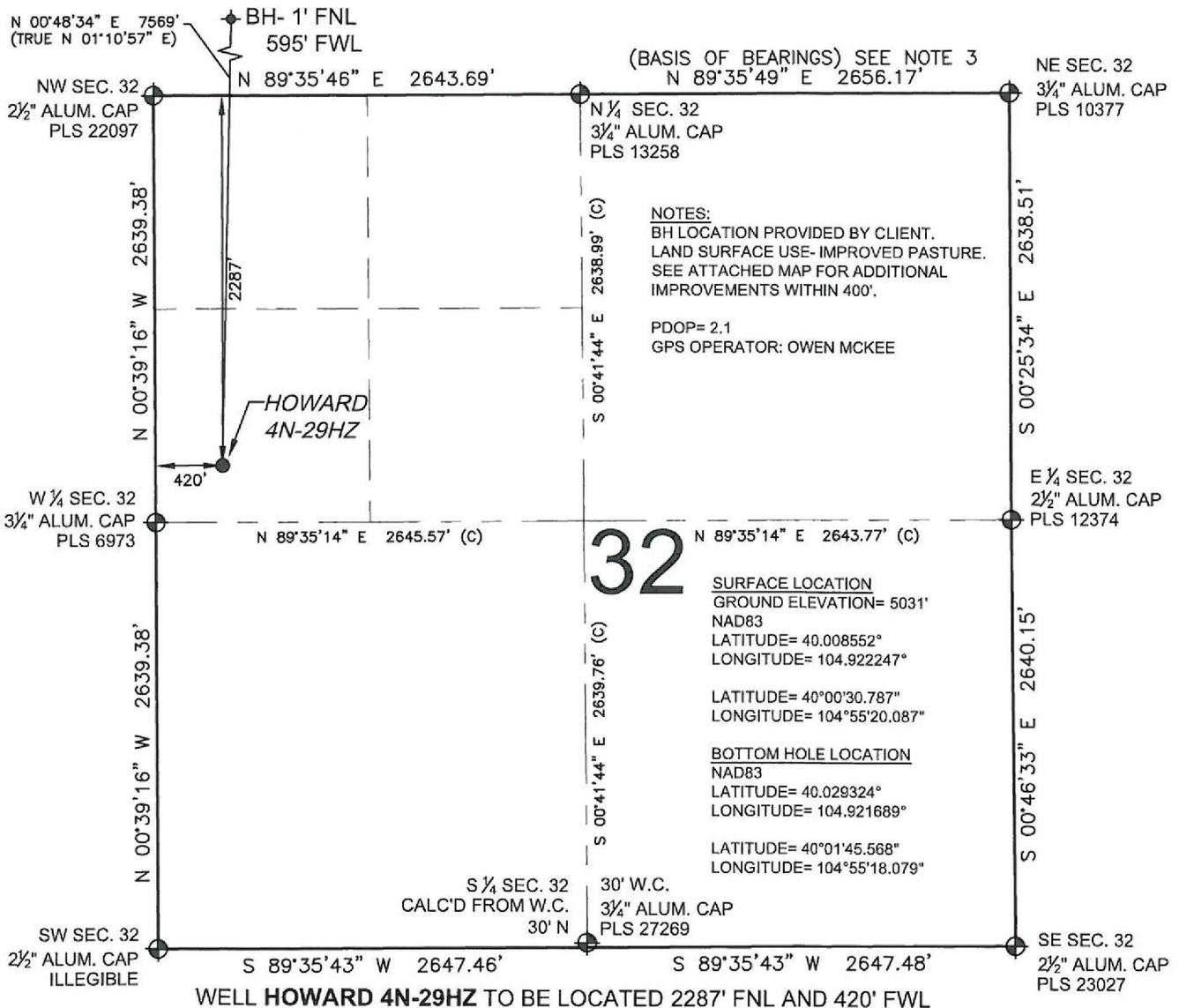


# WELL LOCATION CERTIFICATE: HOWARD 4N-29HZ

SECTION 32, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.

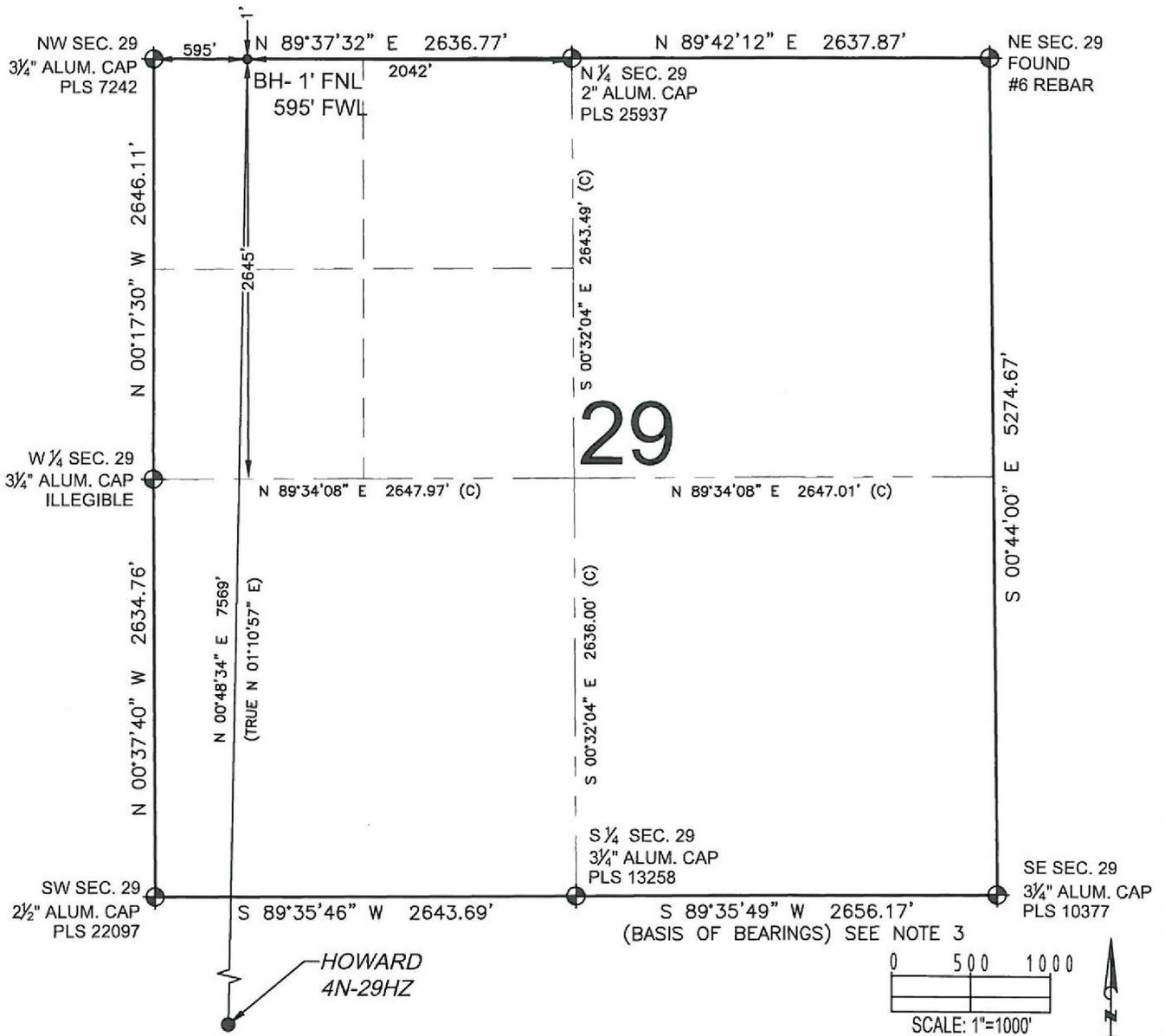


SHEET 1 OF 2

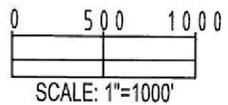
PREPARED BY  Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 12-07-12	SURFACE LOCATION: SW 1/4 NW 1/4, SEC. 32, T1N, R67W, 6TH P.M. WELD COUNTY, COLORADO
	DRAWING DATE: 05-18-13	
	BY: CLM	CHECK: SMF

# WELL LOCATION CERTIFICATE: HOWARD 4N-29HZ

## SECTION 29, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.



# 29

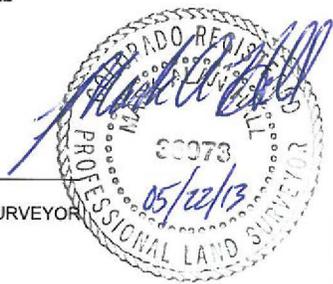


**NOTES:**

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. HORIZONTAL POSITIONS AND ORTHOMETRIC ELEVATIONS SHOWN AT THE WELL HEAD, ARE BASED ON GPS-RTK POSITIONS DERIVED FROM MINIMUM 2-HOUR STATIC OBSERVATIONS CORRECTED BY THE NATIONAL GEODETIC SURVEY ONLINE POSITIONING USER SERVICE, O.P.U.S. DATUM: HORIZONTAL = NAD83/2007, VERTICAL = NAVD88
3. THE BASIS OF BEARINGS ARE STATE PLANE COORDINATE SYSTEM GRID BEARINGS SHOWN HEREON BETWEEN THE DESCRIBED MONUMENTS SHOWN HEREON.
4. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

**LEGEND**

- ⊙ = EXISTING MONUMENT      ⊕ = BOTTOM HOLE      BH = BOTTOM HOLE
- = PROPOSED WELL          ⊖ = EXISTING WELL



MARK A. HALL, PLS 36073  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2

PREPARED BY  <b>PFS</b> Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 12-07-12 DRAWING DATE: 05-18-13 BY: CLM CHECK: SMF	SURFACE LOCATION: SW 1/4 NW 1/4, SEC. 32, T1N, R67W, 6TH P.M. WELD COUNTY, COLORADO
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NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.