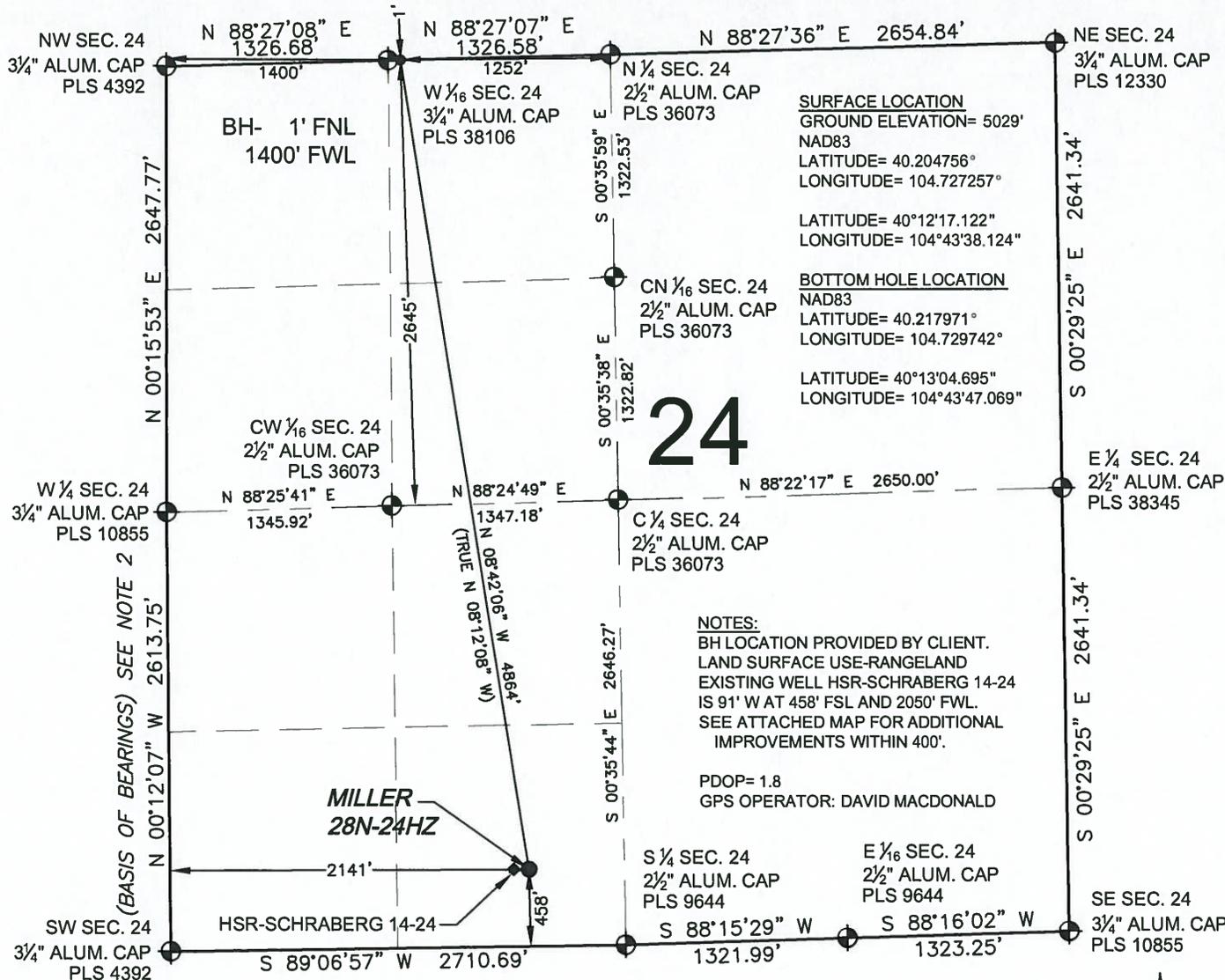


WELL LOCATION CERTIFICATE: MILLER 28N-24HZ

SECTION 24, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



24

NOTES:
 BH LOCATION PROVIDED BY CLIENT.
 LAND SURFACE USE-RANGELAND
 EXISTING WELL HSR-SCHRABERG 14-24
 IS 91' W AT 458' FSL AND 2050' FWL.
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 400'.

PDOP= 1.8
 GPS OPERATOR: DAVID MACDONALD

WELL MILLER 28N-24HZ TO BE LOCATED 458' FSL AND 2141' FWL

LEGEND

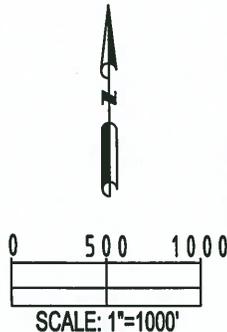
- ⊕ = EXISTING MONUMENT ⊕ = BOTTOM HOLE BH = BOTTOM HOLE
- = PROPOSED WELL ⊕ = EXISTING WELL

NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
3. GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, BRADLEY L. LAMAN, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

BRADLEY L. LAMAN, PLS 38345
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC

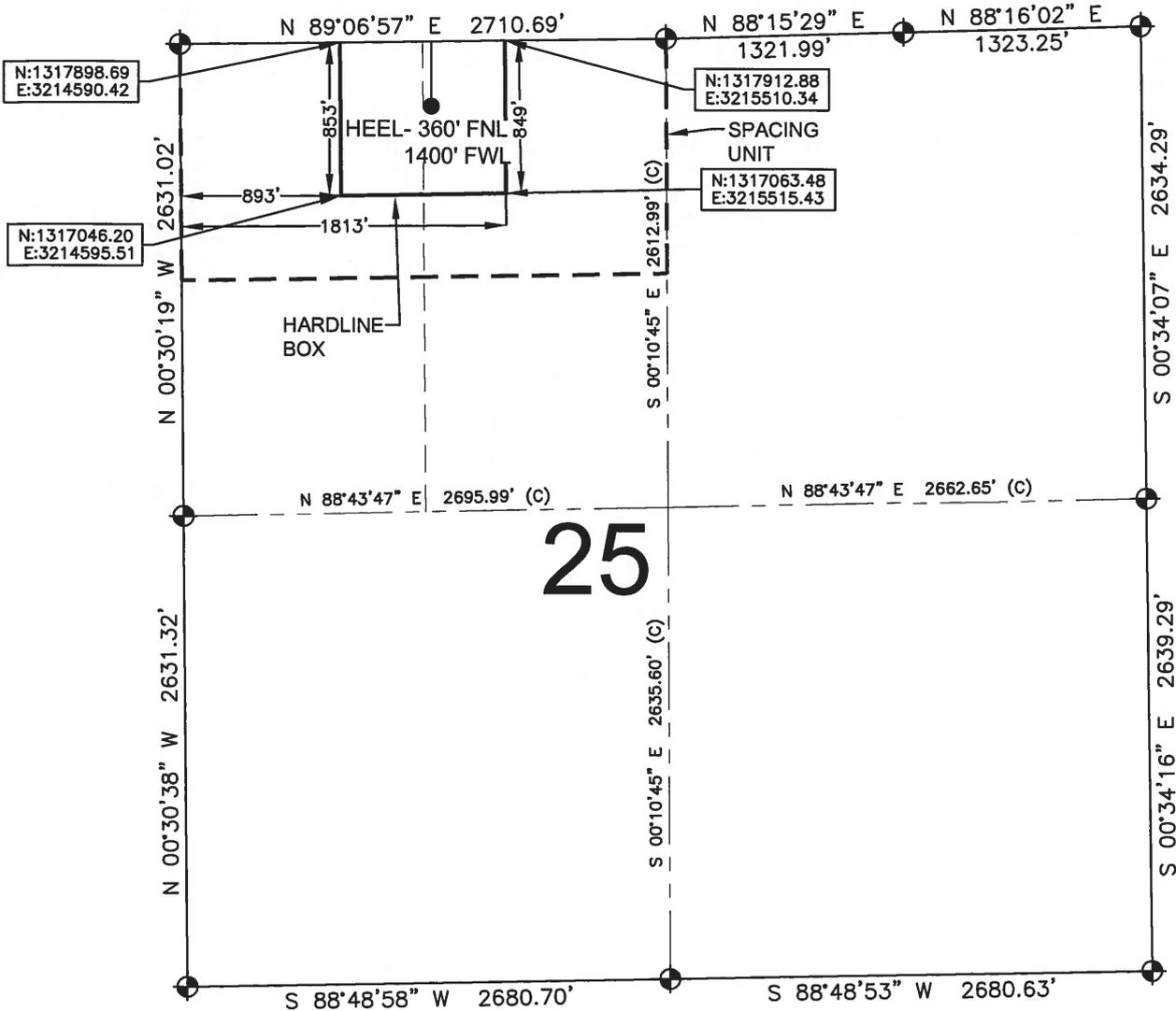


PREPARED BY: PFS Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204	FIELD DATE: 08-22-12	SURFACE LOCATION: SE 1/4 SW 1/4, SEC. 24, T3N, R66W, 6TH P.M.
	DRAWING DATE: 09-15-13	WELD COUNTY, COLORADO
	BY: CPO	CHECKED: CLM

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.

MILLER 28N-24HZ

SECTION 25, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



25

LEGEND

- ⊕ = EXISTING MONUMENT ◆ = BOTTOM HOLE
- = PROPOSED HEEL BH = BOTTOM HOLE

QRT/QRT SECTIONS WITHIN PATH OF THE HARDLINE.

NENW, SEC. 25
NWNW, SEC. 25

NOTES:

- THIS DOCUMENT IS NOT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT. THIS DOCUMENT DOES NOT REFLECT A FIELD SURVEY. SECTION BREAKDOWN, MONUMENTATION AND HORIZONTAL POSITIONS SHOWN ARE BASED ON THE HEEL AND BOTTOM HOLE LOCATION PROVIDED BY ANADARKO PETROLEUM CORPORATION

PREPARED BY:



PFS
Petroleum Field Services, LLC
7535 Hilltop Circle
Denver, CO 80221

SHEET 3 OF 3

DRAWING DATE: 02-13-14	HEEL LOCATION: NE 1/4 NW 1/4, SEC. 25, T3N, R66W, 6TH P.M. WELD COUNTY, COLORADO
BY: SMF	CHECKED: DRF

