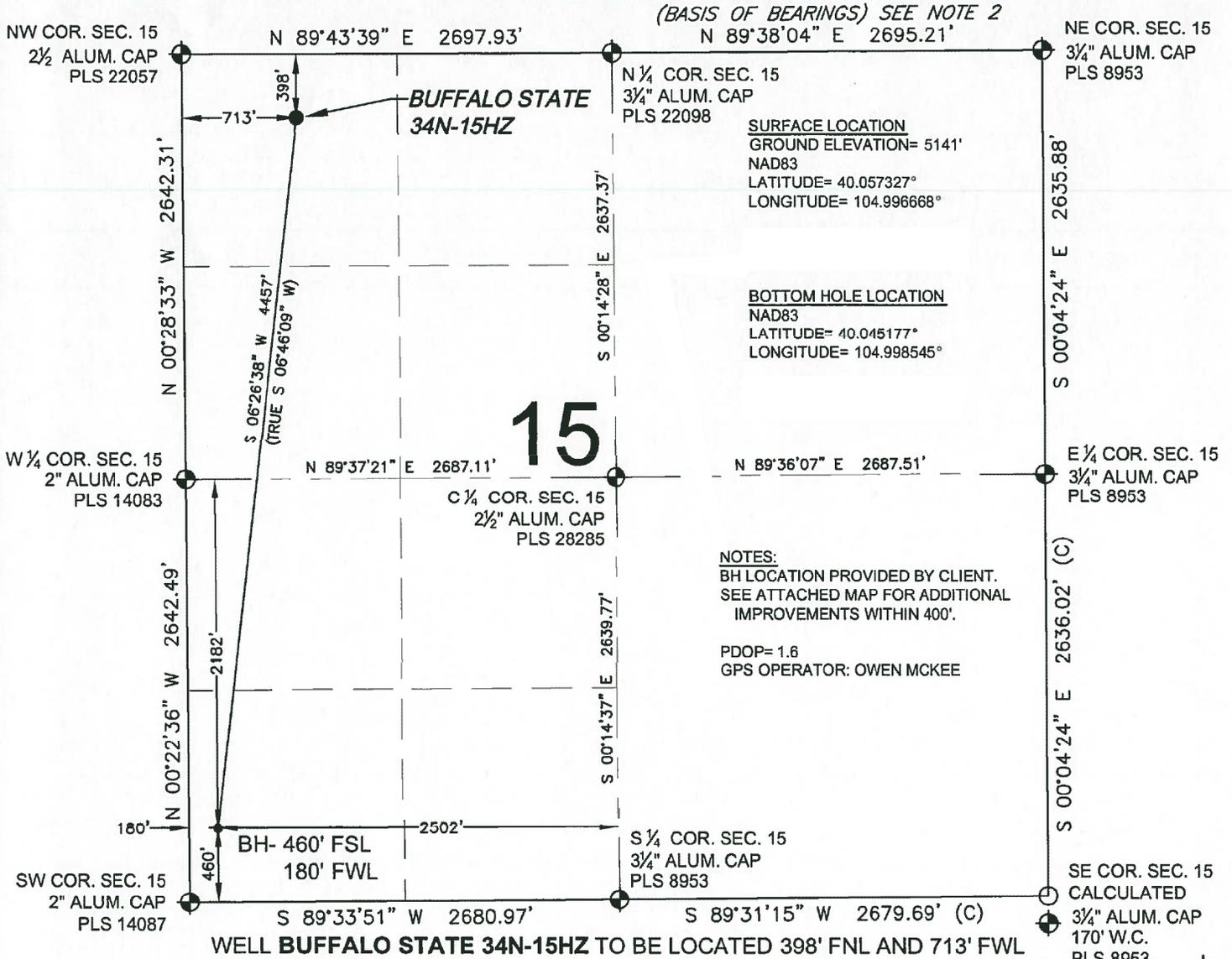


WELL LOCATION CERTIFICATE: BUFFALO STATE 34N-15HZ

SECTION 15, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



(BASIS OF BEARINGS) SEE NOTE 2

SURFACE LOCATION
 GROUND ELEVATION= 5141'
 NAD83
 LATITUDE= 40.057327°
 LONGITUDE= 104.996668°

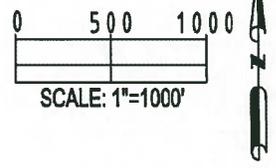
BOTTOM HOLE LOCATION
 NAD83
 LATITUDE= 40.045177°
 LONGITUDE= 104.998545°

NOTES:
 BH LOCATION PROVIDED BY CLIENT.
 SEE ATTACHED MAP FOR ADDITIONAL
 IMPROVEMENTS WITHIN 400'.

PDOP= 1.6
 GPS OPERATOR: OWEN MCKEE

LEGEND

- ⊕ = EXISTING MONUMENT
- ⬤ = PROPOSED WELL
- ⬥ = BOTTOM HOLE
- ⬧ = EXISTING WELL
- BH = BOTTOM HOLE
- = CALCULATED POSITION



- NOTES:**
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
 - 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.
 - GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.
 - ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.

PREPARED BY: PFS Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-22-14	SURFACE LOCATION: NW 1/4 NW 1/4, SEC. 15, T1N, R68W, 6TH P.M.
	DRAWING DATE: 07-02-14	WELD COUNTY, COLORADO
BY: JAH	CHECKED: SMG	

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.