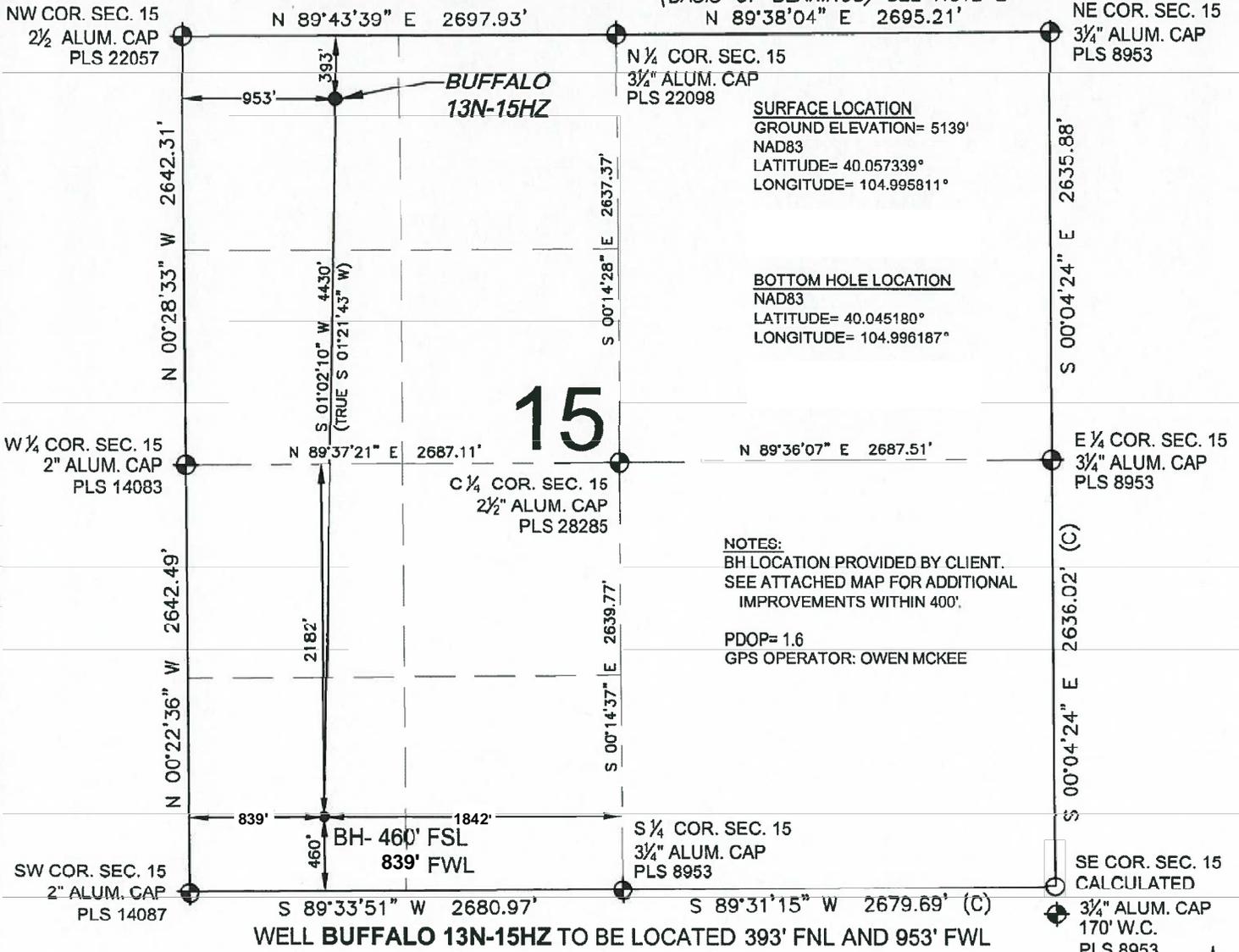


# WELL LOCATION CERTIFICATE: BUFFALO 13N-15HZ

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

(BASIS OF BEARINGS) SEE NOTE 2



**SURFACE LOCATION**  
 GROUND ELEVATION= 5139'  
 NAD83  
 LATITUDE= 40.057339°  
 LONGITUDE= 104.995811°

**BOTTOM HOLE LOCATION**  
 NAD83  
 LATITUDE= 40.045180°  
 LONGITUDE= 104.996187°

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

PDOP= 1.6  
 GPS OPERATOR: OWEN MCKEE

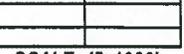
15

WELL BUFFALO 13N-15HZ TO BE LOCATED 393' FNL AND 953' FWL

**LEGEND**

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

0 500 1000



SCALE: 1"=1000'



**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.
4. 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 1801 W. 13th Ave. Denver, CO 80204	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	
	BY: JAH	CHECKED: TJN
	WELD COUNTY, COLORADO	

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.