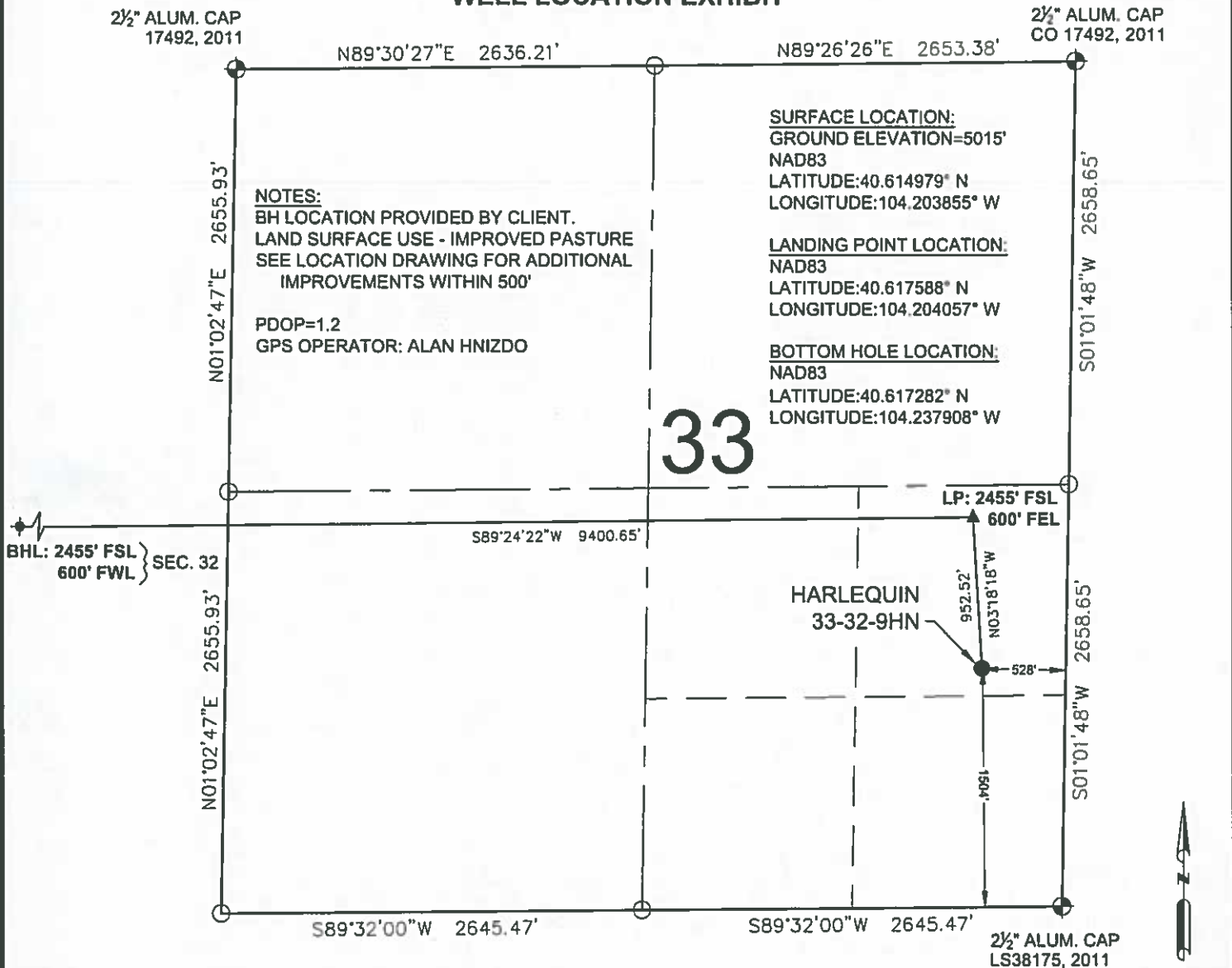


# HARLEQUIN 33-32-9HN WELL LOCATION EXHIBIT



## LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ✦ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.855085°N, A CENTRAL MERIDIAN LONGITUDE OF 104.086861°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000232 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
- FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE, UNLESS OTHERWISE NOTED.

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.



## WELL HARLEQUIN 33-32-9HN TO BE LOCATED 1504' FSL & 528' FEL

I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE TO MALLARD EXPLORATION THAT THE SURVEY AND WELL LOCATION EXHIBIT SHOWN HEREON WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS EXHIBIT MEETS THE REQUIREMENTS OF A GIS LAND POSITION AS DEFINED BY SECTION 38-51-102 (7.5) C.R.S. AND AS SUCH PER SECTION 38-51-109.3 C.R.S. CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

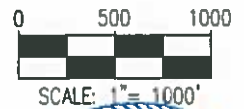
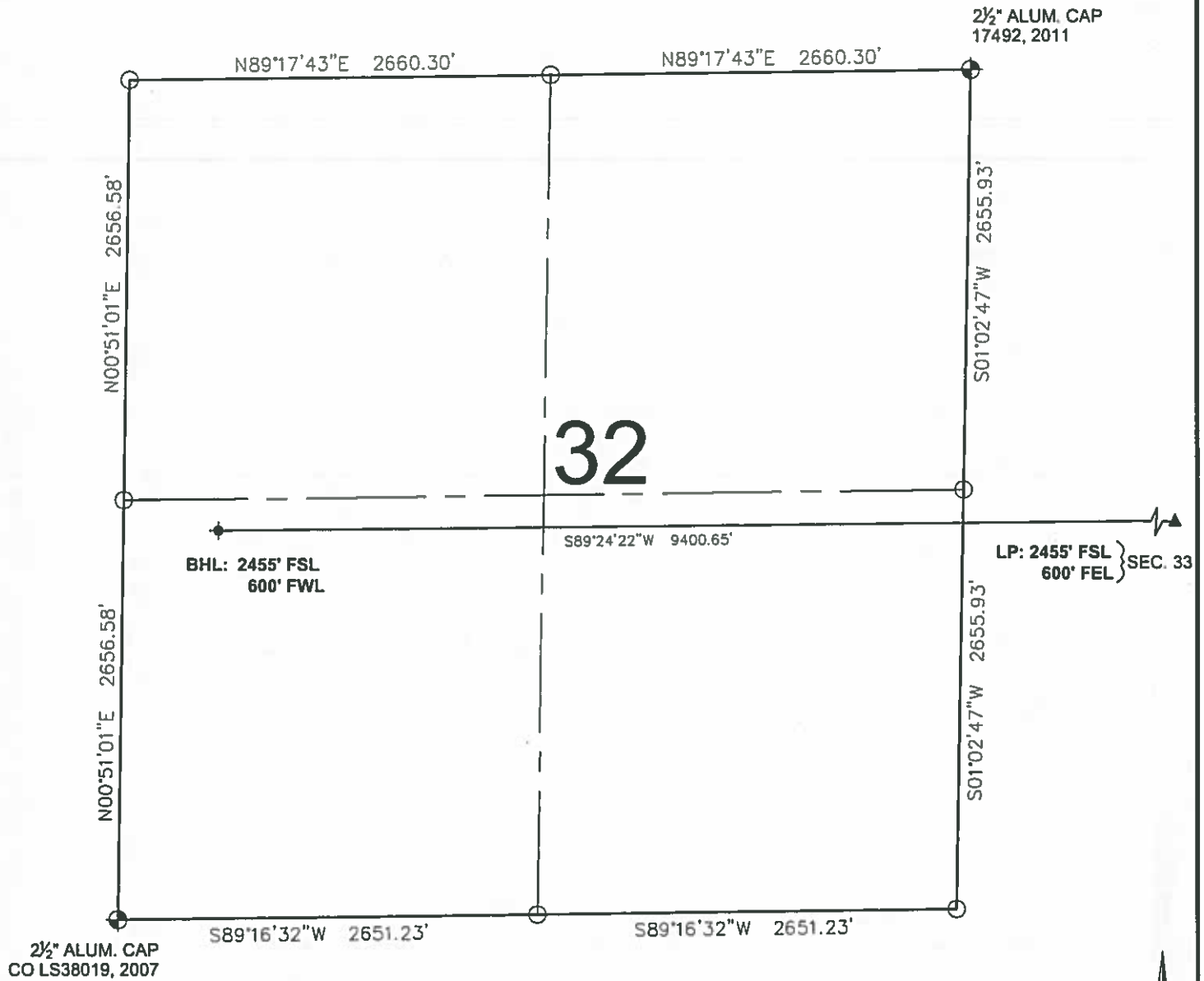
ROBERT J. GUFFEY, PLS 20680  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

 <p>7535 Mallard Circle Denver, CO 80221 (303) 928-7126 www.ascentgeomatics.com</p>	<p>FIELD DATE 12-13-17</p> <p>DRAWING DATE 12-14-17</p> <p>BY MJE</p> <p>CHECKED SMF</p>	<p>WELL NAME HARLEQUIN 33-32-9HN</p> <p>SURFACE LOCATION: NE 1/4 SE 1/4 SEC. 33, T8N, R61W, 6TH P.M. WELD COUNTY, COLORADO</p>	<p>PREPARED FOR:</p>  <p>MALLARD EXPLORATION</p>
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ROBERT J. GUFFEY, PLS 20680  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2



2535 Hilltop Circle  
Denver, CO 80221  
(303) 928-7128  
www.ascntgeomatics.com

FIELD DATE  
12-13-17

DRAWING DATE  
12-14-17

BY  
MJE

CHECKED  
SMF

WELL NAME  
HARLEQUIN 33-32-9HN

SURFACE LOCATION

NE 1/4 SE 1/4 SEC. 33, T8N, R61W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR:

