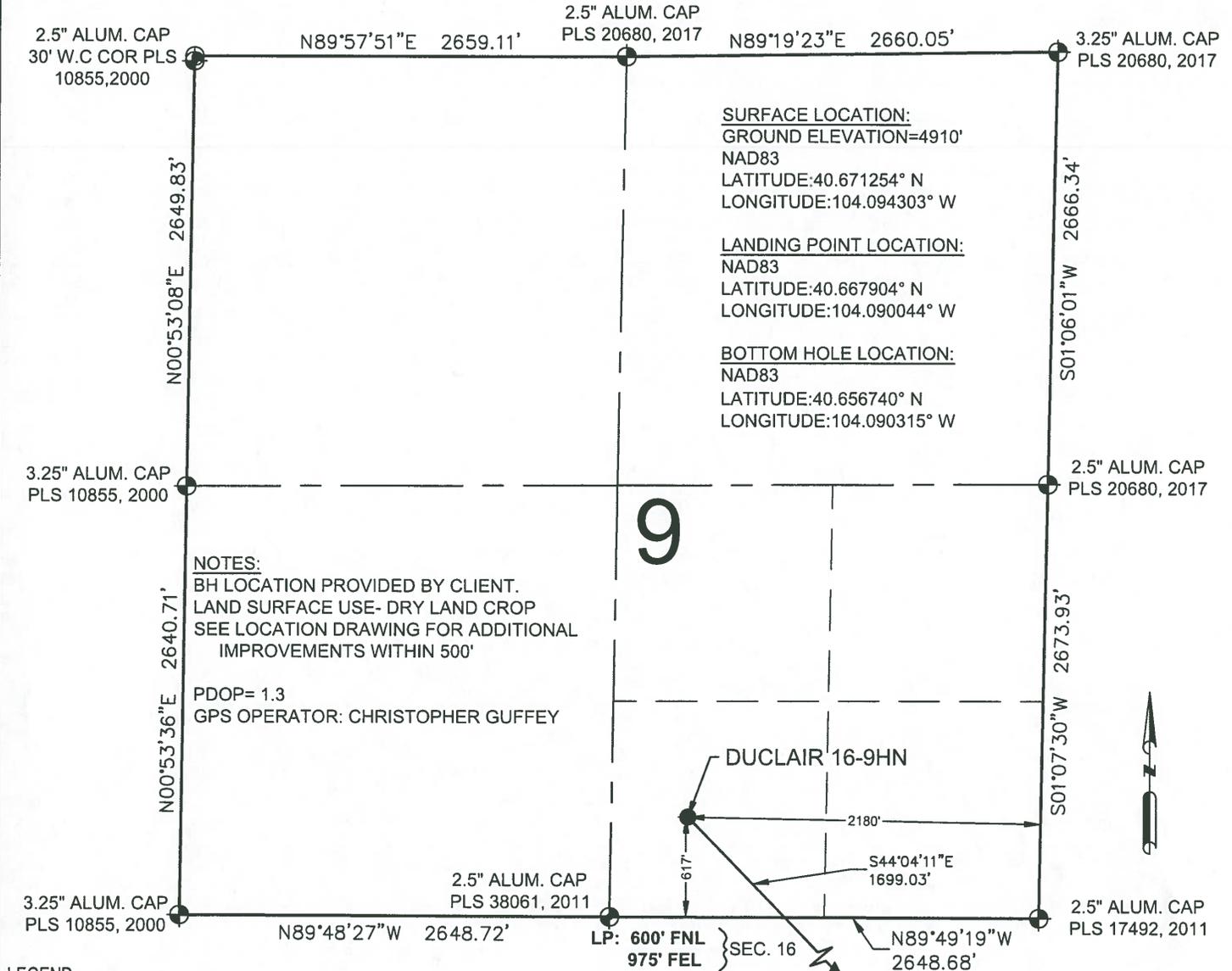


# DUCLAIR 16-9HN WELL LOCATION EXHIBIT

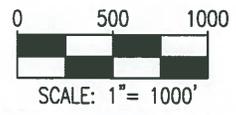


**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE- DRY LAND CROP  
 SEE LOCATION DRAWING FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 500'  
 PDOP= 1.3  
 GPS OPERATOR: CHRISTOPHER GUFFEY

**LEGEND**

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

**WELL DUCLAIR 16-9HN TO BE  
LOCATED 2180' FEL & 617' FSL**



- 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 LINES SHOWN HEREON. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.655085°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.

I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE TO **MALLARD EXPLORATION** THAT THE 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.



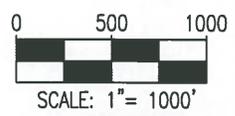
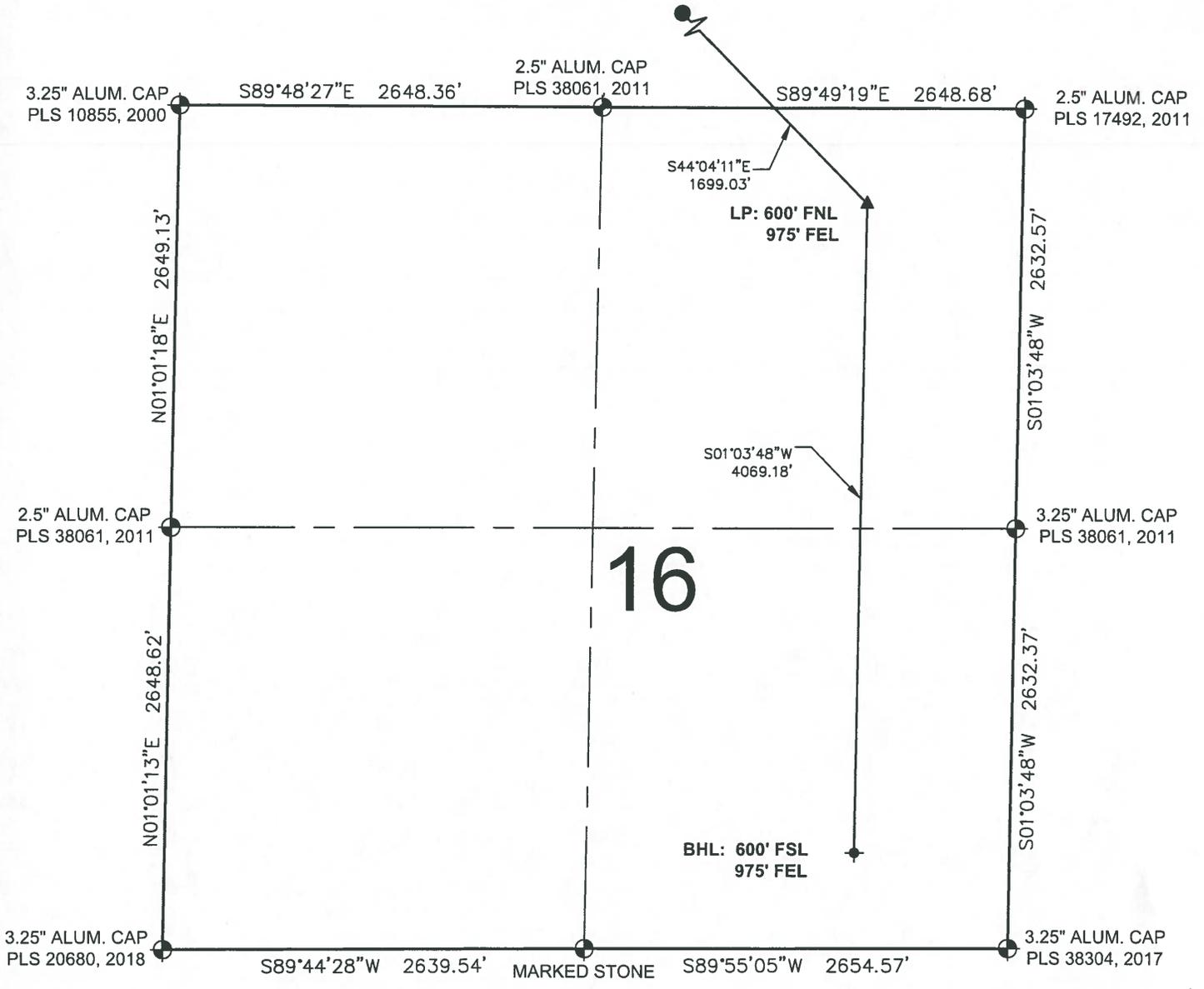
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

ROBERT J. GUFFEY, PLS 20680  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC  
 d.b.a. ASCENT GEOMATICS SOLUTIONS

SHEET 1 OF 2

	FIELD DATE: <b>09-29-17</b>	WELL NAME: <b>DUCLAIR 16-9HN</b>	PREPARED FOR: 
	DRAWING DATE: <b>06-14-18</b>	SURFACE LOCATION: <b>SW 1/4 SE 1/4 SEC. 9, T8N, R60W, 6TH P.M.</b>	
BY: <b>SZ</b>	CHECKED: <b>IJM</b>	<b>WELD COUNTY, COLORADO</b>	

# DUCLAIR 16-9HN WELL LOCATION EXHIBIT



ROBERT J. GUFFEY, PLS 20680  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC  
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SHEET 2 OF 2

7535 Hilltop Circle  
 Denver, CO 80221  
 (303) 928-7128  
 www.ascentgeomatics.com

FIELD DATE: 09-29-17	WELL NAME: DUCLAIR 16-9HN
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BY: SZ	CHECKED: IJM
WELD COUNTY, COLORADO	

PREPARED FOR:

**MALLARD**  
EXPLORATION