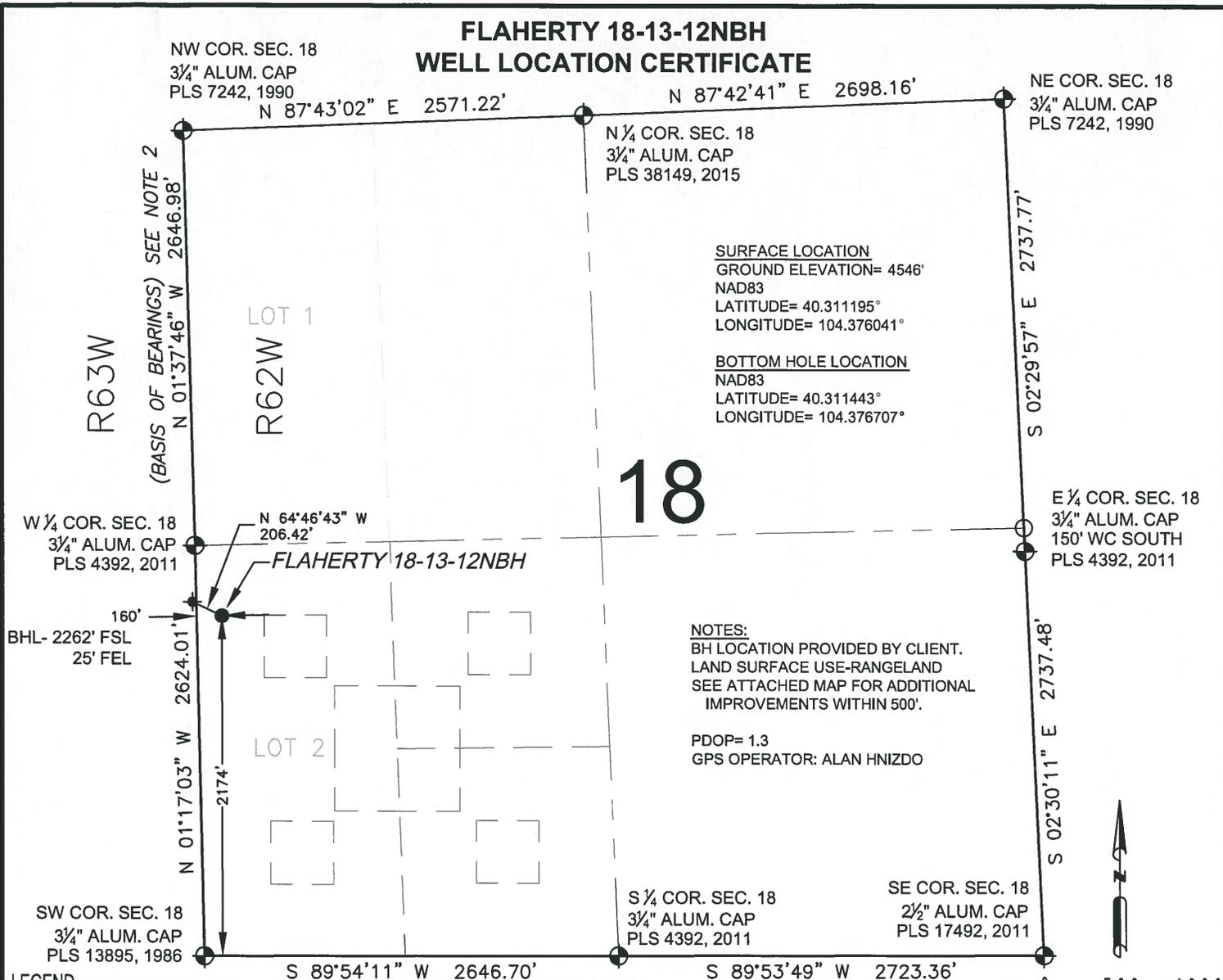


# FLAHERTY 18-13-12NBH WELL LOCATION CERTIFICATE



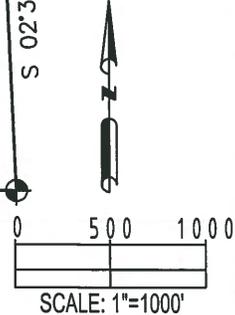
**SURFACE LOCATION**  
GROUND ELEVATION= 4546'  
NAD83  
LATITUDE= 40.311195°  
LONGITUDE= 104.376041°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.311443°  
LONGITUDE= 104.376707°

# 18

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-RANGELAND  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'.

PDOP= 1.3  
GPS OPERATOR: ALAN HNIZDO



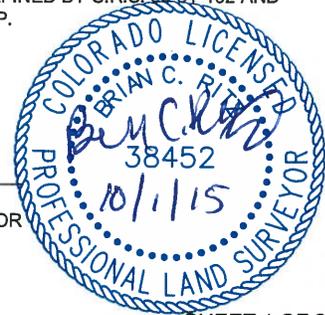
- LEGEND**
- ⊕ = EXISTING MONUMENT
  - = CALCULATED POSITION
  - = PROPOSED WELL
  - ◆ = EXISTING WELL
  - ⬤ = BOTTOM HOLE
  - ▲ = LANDING POINT
  - LP = LANDING POINT
  - BHL = BOTTOM HOLE

**WELL FLAHERTY 18-13-12NBH TO BE  
LOCATED 2174' FSL AND 160' FWL**

- NOTES:**
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
  2. BEARINGS ARE BASED UPON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 18, BEARS N01°37'46"W BETWEEN THE MONUMENTS SHOWN HEREON.
  3. GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000259204.
  4. ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
  5. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EDGE ENERGY**, 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.

BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

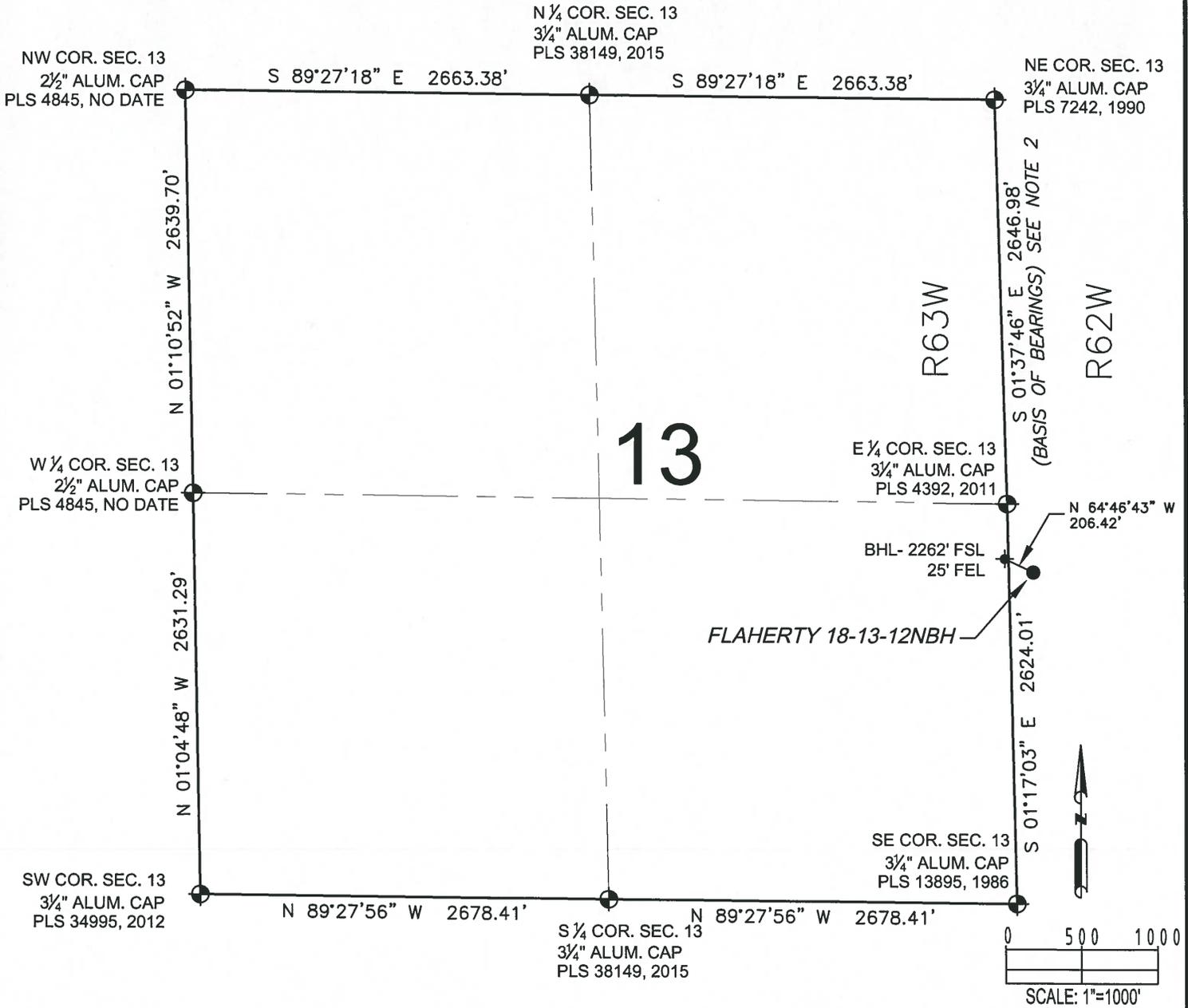


SHEET 1 OF 2

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.

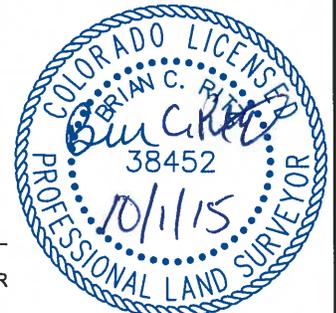
PREPARED BY:  	FIELD DATE: <b>09-16-15</b>	WELL NAME: <b>FLAHERTY 18-13-12NBH</b>	PREPARED FOR:  <h2 style="margin: 0;">EDGE ENERGY</h2>	
	DRAWING DATE: <b>09-30-15</b>	SURFACE LOCATION: <b>LOT 2 SEC. 18, T4N, R62W, 6TH P.M.</b>		
	BY: <b>KAD</b>	CHECKED BY: <b>JWJ</b>		<b>WELD COUNTY, COLORADO</b>

# FLAHERTY 18-13-12NBH WELL LOCATION CERTIFICATE



- LEGEND**
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  - BHL = BOTTOM HOLE

BRIAN C. RITZ, PLS 38452  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY: Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: <b>09-16-15</b>	WELL NAME: <b>FLAHERTY 18-13-12NBH</b>	PREPARED FOR: <b>EDGE ENERGY</b>
	DRAWING DATE: <b>09-30-15</b>	SURFACE LOCATION: <b>LOT 2 SEC. 18, T4N, R62W, 6TH P.M.</b>	
	BY: <b>KAD</b>	CHECKED BY: <b>JWJ</b>	