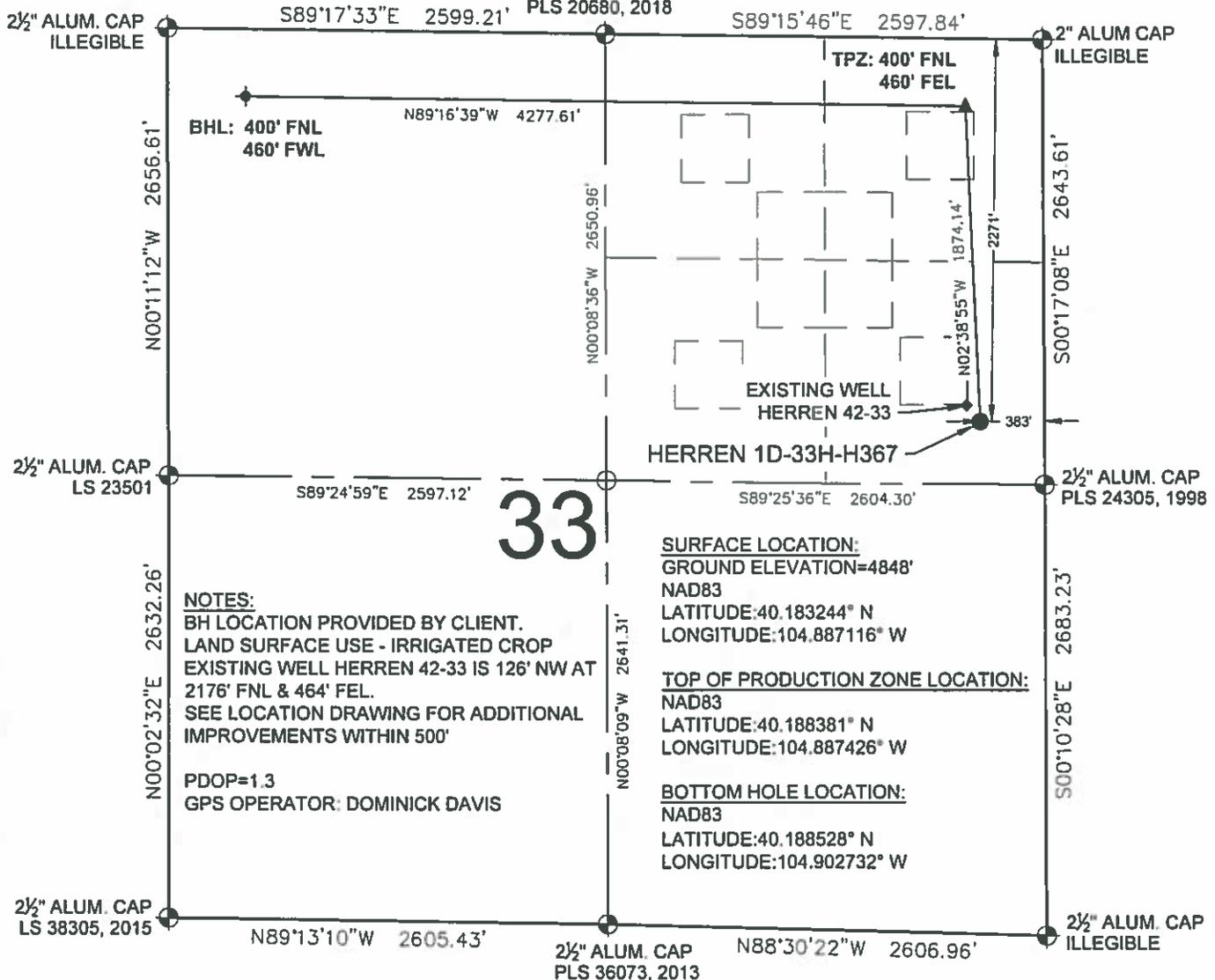


# HERREN 1D-33H-H367 WELL LOCATION EXHIBIT

2½" ALUM. CAP  
PLS 20680, 2018



**NOTES:**

BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE - IRRIGATED CROP  
EXISTING WELL HERREN 42-33 IS 126' NW AT  
2176' FNL & 464' FEL.  
SEE LOCATION DRAWING FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'

PDOP=1.3  
GPS OPERATOR: DOMINICK DAVIS

**SURFACE LOCATION:**  
GROUND ELEVATION=4848'  
NAD83  
LATITUDE:40.183244° N  
LONGITUDE:104.887116° W

**TOP OF PRODUCTION ZONE LOCATION:**  
NAD83  
LATITUDE:40.188381° N  
LONGITUDE:104.887426° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.188528° N  
LONGITUDE:104.902732° W

# 33

**LEGEND**

- ⊕ = EXISTING MONUMENT      ⬤ = BOTTOM HOLE
- = CALCULATED POSITION    ▲ = TOP OF PRODUCTION ZONE
- = PROPOSED WELL          TPZ = TOP OF PRODUCTION ZONE
- ◆ = EXISTING WELL          BHL = BOTTOM HOLE LOCATION

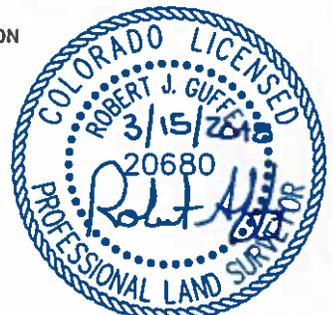
**WELL HERREN 1D-33H-H367 TO BE  
LOCATED 2271' FNL & 383' FEL**



**NOTES**

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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 40.218478°N, A CENTRAL MERIDIAN LONGITUDE OF 104.886099°W AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000227 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
3. 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 CRESTONE PEAK RESOURCES 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 1

<p style="font-size: 8pt;">2535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 02-13-18	WELL NAME: HERREN 1D-33H-H367	PREPARED FOR  CRESTONE PEAK RESOURCES
	DRAWING DATE: 03-15-18	SURFACE LOCATION: SE 1/4 NE 1/4 SEC. 33, T03N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY: MJE	CHECKED: RMC		