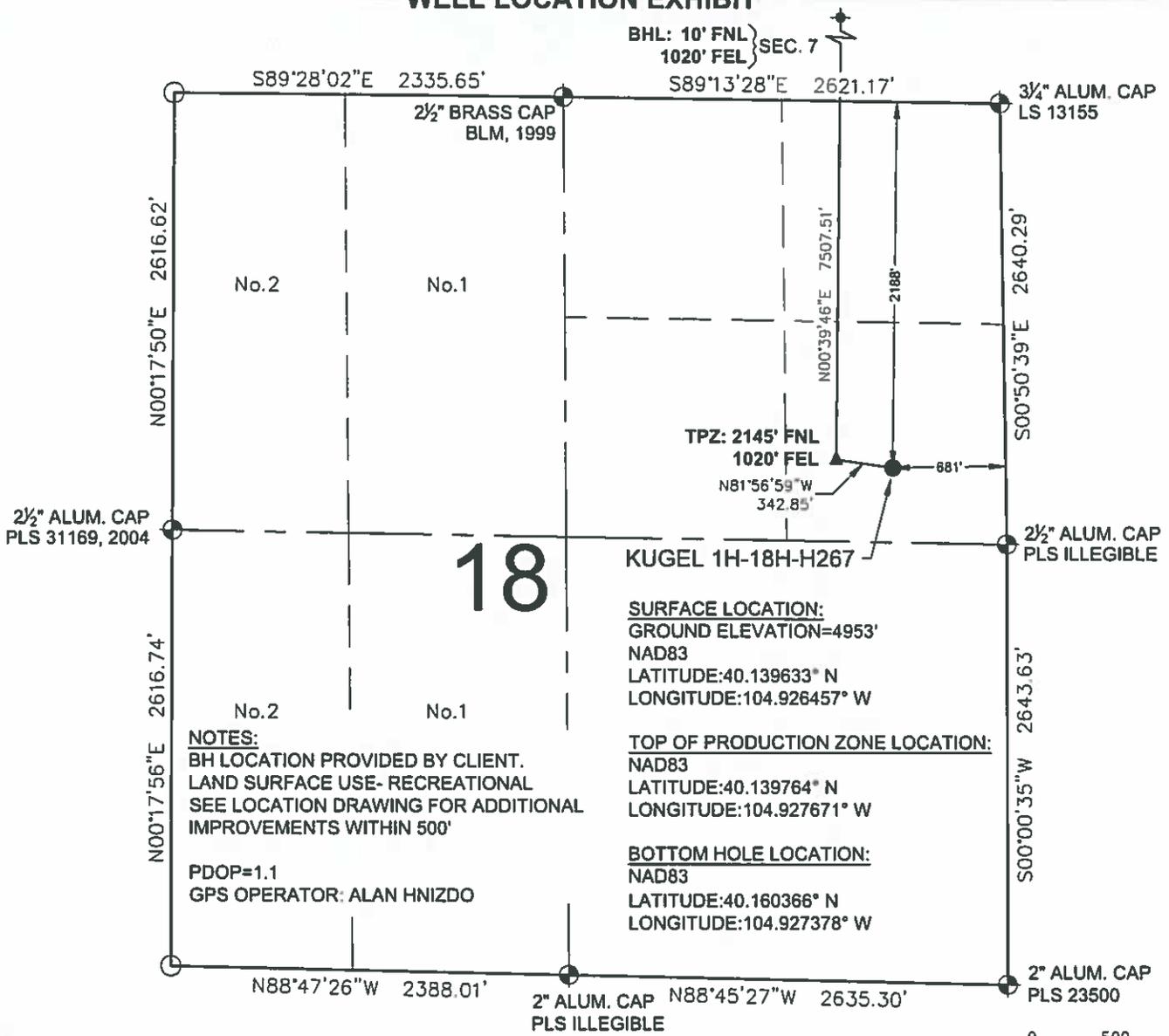


# KUGEL 1H-18H-H267 WELL LOCATION EXHIBIT



BHL: 10' FNL  
1020' FEL } SEC. 7

S89°13'28"E 2621.17'

S89°28'02"E 2335.65'

3/4" ALUM. CAP  
LS 13155

2 1/2" BRASS CAP  
BLM, 1999

No.2

No.1

TPZ: 2145' FNL  
1020' FEL

N81°56'59"W  
342.85'

N00°39'46"E 7507.51'

2188'

S00°50'39"E 2640.29'

2 1/2" ALUM. CAP  
PLS 31169, 2004

2 1/2" ALUM. CAP  
PLS ILLEGIBLE

**SURFACE LOCATION:**  
GROUND ELEVATION=4953'  
NAD83  
LATITUDE:40.139633° N  
LONGITUDE:104.926457° W

**TOP OF PRODUCTION ZONE LOCATION:**  
NAD83  
LATITUDE:40.139764° N  
LONGITUDE:104.927671° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.160366° N  
LONGITUDE:104.927378° W

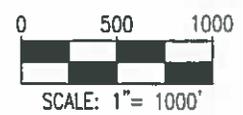
**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE- RECREATIONAL  
SEE LOCATION DRAWING FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'

PDOP=1.1  
GPS OPERATOR: ALAN HNIZDO

2" ALUM. CAP N88°45'27"W 2635.30'  
PLS ILLEGIBLE

N88°47'26"W 2388.01'

2" ALUM. CAP  
PLS 23500



**LEGEND**

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

- 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 40.134444°N, A CENTRAL MERIDIAN LONGITUDE OF 104.867222°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000238 (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 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.

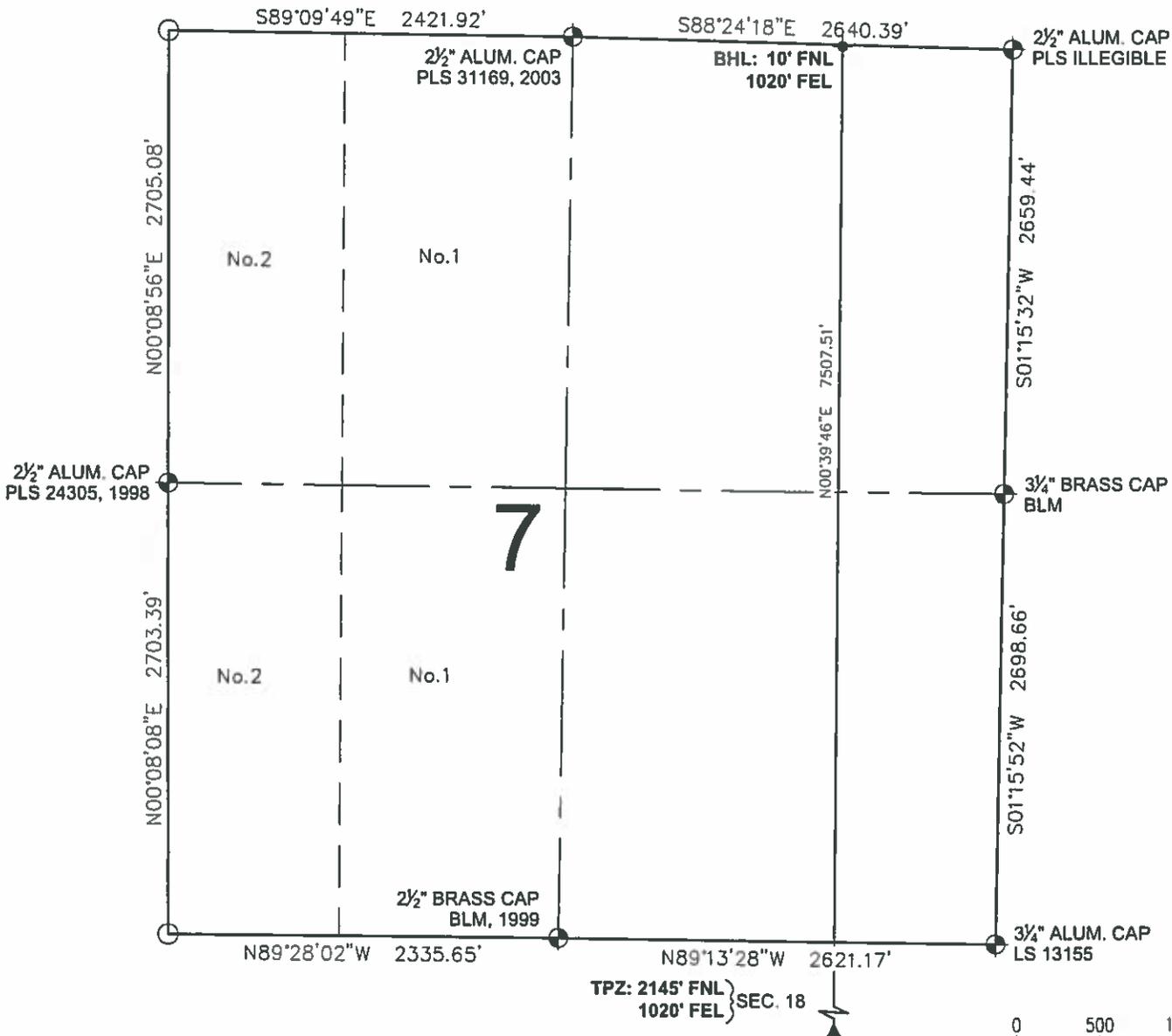


NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION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

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE 05-31-18	WELL NAME KUGEL 1H-18H-H267	PREPARED FOR:
	DRAWING DATE 06-05-18	SURFACE LOCATION SE 1/4 NE 1/4 SEC. 18, T2N, R67W, 6TH P.M. WELD COUNTY, COLORADO	 CRESTONE PEAK RESOURCES
BY CSG	CHECKED SMF		

# KUGEL 1H-18H-H267 WELL LOCATION EXHIBIT



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SHEET 2 OF 2

**ASCENT**  
 GEOMATICS SOLUTIONS

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 Denver, CO 80221  
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FIELD DATE: 05-31-18	WELL NAME: KUGEL 1H-18H-H267
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BY: CSG	CHECKED: SMF

PREPARED FOR:

**CRESTONE PEAK**  
 RESOURCES