

LOCHBUIE LAND 2H-25H-D166 WELL LOCATION EXHIBIT

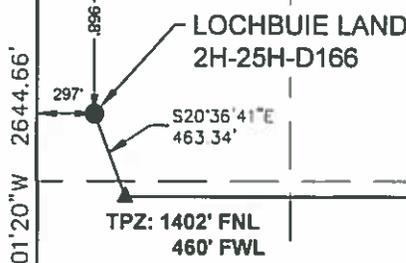
3.25 ALUM CAP
PLS 12405, 1998

2.5" ALUM CAP
PLS 25636, 2002

N89°55'51"E 2645.65'

N89°57'41"E 2644.89'

2.5" ALUM CAP
28686, 1994



N89°56'46"E 4365.16'

BHL: 1402' FNL
460' FEL

N00°01'20"W 2644.66'

S00°11'49"W 2642.55'

2.5" ALUM CAP
PLS 12405, 1998

3.25" ALUM CAP
12405, 1998

25

SURFACE LOCATION:
GROUND ELEVATION=5077'
NAD83
LATITUDE:40.026877° N
LONGITUDE:104.733900° W

TOP OF PRODUCTION ZONE LOCATION:
NAD83
LATITUDE:40.025687° N
LONGITUDE:104.733319° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.025692° N
LONGITUDE:104.717736° W

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

PDOP=1.3
GPS OPERATOR: IAN CARABAJAL

N00°01'19"W 2645.77'

S00°12'42"W 2642.47'

3.25" ALUM CAP
ILLEGIBLE, 2002

S89°53'00"W 2634.98'

S89°53'24"W 2634.67'

3.25" ALUM CAP
PLS 26298, 2008

LEGEND

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

- 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 40.044013°N, A CENTRAL MERIDIAN LONGITUDE OF 104.772736°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000238 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
 3. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE, UNLESS OTHERWISE NOTED

**WELL LOCHBUIE LAND 2H-25H-D166
TO BE LOCATED 968' FNL & 297' FWL**



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.



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

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.

SHEET 1 OF 1

<p>7535 Hilltop Circle Denver, CO 80231 (303) 924-7120 www.ascentgeomatics.com</p>	FIELD DATE: 04-30-18	WELL NAME: LOCHBUIE LAND 2H-25H-D166	PREPARED FOR:
	DRAWING DATE: 05-29-18	SURFACE LOCATION: NW 1/4 NW 1/4 SEC. 25, T1N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: SMF	CHECKED: CLP		