



January 28, 2019

Colorado Oil & Gas Conservation Commission
Attn: Jeff Robbins, Interim Director
The Chancery Building
1120 Lincoln, Street, Suite 801
Denver, CO 80203

RE: COGCC Rule 318A.e.: Proposed Spacing Unit
Lochbuie Land 25H-D166 Pad: NWNW Sec 25, Township 1 North, Range 66 West
Proposed Well(s): Lochbuie 2K-25H-D166 Doc # 401673119
Weld County, CO

Dear Director Robbins,

Crestone Peak Resources LLC ("Crestone") is planning to drill the above captioned well in accordance with the provisions of COGCC Rule 318A.e(6). Crestone's proposed spacing unit configuration consists of:

Township 1 North, Range 65 West
S2N2 of Sec 25

Containing 160 acres, more or less for the Niobrara and Codell formations.

Crestone is not the only owner within the proposed spacing unit, and as such provided notice to the remaining owner(s) within said proposed spacing unit as required under COGCC Rule 318A.e(6). The required thirty (30) day notice period has been waived by the owner(s) within the proposed spacing unit for this well.

Attached is a copy of the map illustrating the proposed wellbore spacing unit to assist you in your review and approval of Crestone's proposed APD for the captioned well. Also included is the 30 Day Notice Waiver.

Thank you for your time and attention to this matter. Crestone respectfully requests that the COGCC review the enclosed information and approve the Sundry for the captioned well.



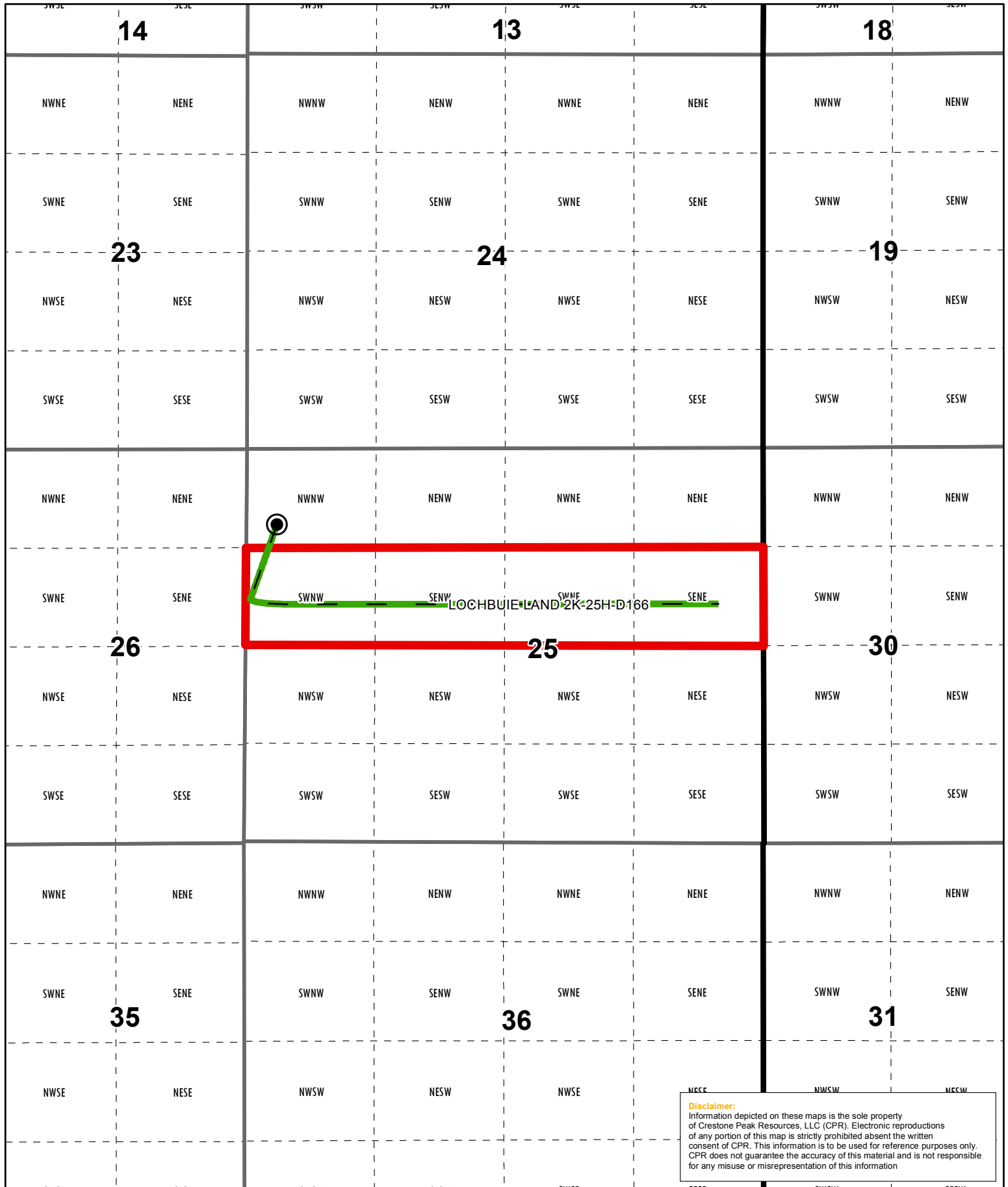
Sincerely,

Crestone Peak Resources

A handwritten signature in dark ink, appearing to read "Meghan Campbell", with a stylized, cursive script.

Meghan Campbell
Regulatory Analyst

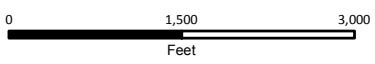
\Enclosure



Disclaimer:
 Information depicted on these maps is the sole property of Crestone Peak Resources, LLC (CPR). Electronic reproductions of any portion of this map is strictly prohibited absent the written consent of CPR. This information is to be used for reference purposes only. CPR does not guarantee the accuracy of this material and is not responsible for any misuse or misrepresentation of this information

- Section QQ
- Crestone Well
- CO Township
- Spaced Wellbore
- CO Section
- Preliminary Proposed Spacing Unit

Proposed Spacing Unit
LOCHBUIE LAND 2K-25H-D166



7/9/2018
 ©Crestone Peak Resources GIS
 Created by Julie Long

Coordinate System: GCS North American 1983



July 9, 2018

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1800
Denver, CO 80202
ATTN: John Hasche

Via: Hand Delivery

RE: 30 Day Notice of Application Horizontal Wells
Township 1 North, Range 66 West, Weld County
Lochbuie Land 2J-25H-D166 and Lochbuie Land 2K-25H-D166

Dear Working Interest Owner:

Crestone Peak Resources ("Crestone") will soon file an Application for Permit to Drill with the Colorado Oil and Gas Conservation Commission ("COGCC") for each of the Wells listed on the Well Information Exhibit attached hereto. Crestone hereby gives Notice of the wells and the proposed spacing unit pursuant to COGCC Rule 318A.e.(5).

Crestone's preliminary title search reflects that you or your company owns a working interest in the proposed spacing units. Pursuant to COGCC Rule 318A.e.(5), you have thirty (30) days from the date of your receipt of this Notice to object in writing to the permitting of the well. If you have no objection with the proposed well locations and corresponding spacing units, please sign in the space provided below and return the enclosed Waiver of Notice Form as soon as possible.

Title Examination: To ensure complete title examination and identify all relevant title issues, please forward any title materials, including title opinions and pay decks relating to the lands within the horizontal spacing unit.

Land survey plats and a plat of corresponding spacing units which depict the proposed wellbore spacing units are enclosed with this letter.

If you should have any questions, please contact the undersigned at (720) 410-8543. Thank you for your timely consideration in this matter.

Sincerely,

Laurie J. Wizeman

Laurie J. Wizeman, RPL
Land Negotiator

Enc: Waiver of Notice Form, Survey Plats, Spacing Unit Diagrams

1801 California Street, Suite 2500
Denver, CO 80202
Phone: 720 410 8500 Fax: 720 410 8510
www.crestonepeakresources.com



Waiver of Notice Form

July 9, 2018

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1800
Denver, CO 80202

RE: 30 Day Notice of Application Horizontal Wells
Township 1 North, Range 66 West, Weld County
Lochbuie Land 2J-25H-D166 and Lochbuie Land 2K-25H-D166

The undersigned hereby waives the thirty (30) day written notice requirement as specified in Rule 318A.e(6) for the captioned Well.



KERR-MCGEE OIL & GAS ONSHORE, LP



DocuSigned by:
By: John H. Hasche
400E3DA079904D5...
Printed Name: John H. Hasche
Title: Project Land Advisor
Date: 7/19/2018

Well Information Exhibit
Respaced Lochbuie Land D, J, and K

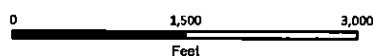
Well Name	Proposed Surface Location	Horizontal Target Foramtion (s)	Productive Interval	Planned Wellbore Spacing Unit Weld County, CO	Wellbore Orientation	Planned Spud Date
Lochbuie Land 2D-25H-D166 KMG no longer has an interest in this well	928' FNL and 297' FWL, Section 25, T1N-R66W	Niobrara	From 742' FNL and 460' FWL Section 25, T1N-R66W To: 742' FNL and 460' FEL Section 25; T1N-	<u>T1N-R66W</u> Section 25: N2N2	West - East	Q3 2018
Lochbuie Land 2J-25H-D166	988' FNL and 297' FWL, Section 25, T1N-R66W	Codell	From 1904' FNL and 460' FWL Section 25, T1N-R66W To: 1904' FNL and 460' FEL Section 25, T1N-R66W	<u>T1N-R66W</u> Section 25: S2N2	West - East	Q3 2018
Lochbuie Land 2K-25H-D166	998' FNL and 297' FWL, Section 25, T1N-R66W	Niobrara	From 2062' FNL and 460' FWL Section 25, T1N-R66W To: 2062' FNL and 460' FEL Section 25, T1N-R66W	<u>T1N-R66W</u> Section 25: S2N2	West - East	Q3 2018

Disclaimer:
Information depicted on these maps is the sole property of Crestone Peak Resources, LLC (CPR). Electronic reproductions of any portion of this map is strictly prohibited absent the written consent of CPR. This information is to be used for reference purposes only. CPR does not guarantee the accuracy of this material and is not responsible for any misuse or misrepresentation of this information.

 Section QQ
 CO Township
 CO Section
 Preliminary Proposed Spacing Unit

 Crestone Well
 Spaced Wellbore

Proposed Spacing Unit
LOCHBUIE LAND 2K-25H-D166









Coordinate System: GCS North American 1983



7/9/2018
©Crestone Peak Resources GIS
Created by Julie Long



 Section QQ
  Crestone Well
 CO Township
  Spaced Wellbore
 CO Section
 Preliminary Proposed Spacing Unit

A horizontal scale bar labeled "Feet" with markings at 0, 1,500, and 3,000.

Coordinate System: GCS North American 1983



7/9/2018
©Crestone Peak Resources GIS
Created by Julie Long



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

3.25 ALUM CAP
PLS 12405, 1998

2.5" ALUM CAP
PLS 25636, 2002

N89°57'41"E 2644.89'

2.5" ALUM CAP
28686, 1994

LOCHBUIE LAND
2J-25H-D166

N00°01'20"W 2644.66'

297'

S10°07'19"E
930.15'

TPZ: 1904' FNL
460' FWL

N89°56'46"E 4363.24'

BHL: 1904' FNL
460' FEL

S00°11'49"W 2642.55'

2.5" ALUM CAP
PLS 12405, 1998

3.25" ALUM CAP
12405, 1998

N00°01'19"W 2645.77'

SURFACE LOCATION:
GROUND ELEVATION=5076'
NAD83
LATITUDE:40.026822° N
LONGITUDE:104.733901° W

TOP OF PRODUCTION ZONE LOCATION:
NAD83
LATITUDE:40.024309° N
LONGITUDE:104.733319° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.024314° N
LONGITUDE:104.717743° W

25

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

3.25" ALUM CAP
ILLEGIBLE, 2002

S89°53'00"W 2634.98'

3.25" ALUM CAP
PLS 12405, 1998

S89°53'24"W 2634.67'

S00°12'42"W 2642.47'

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

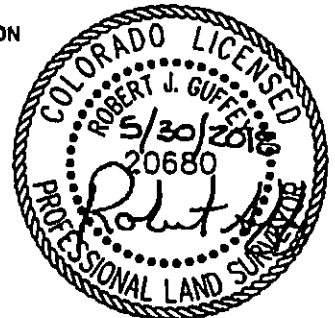
NOTES

- 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 40.044013°N. A CENTRAL MERIDIAN LONGITUDE OF 104.772738°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.

WELL LOCHBUIE LAND 2J-25H-D166 TO BE LOCATED 988' 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



SHEET 1 OF 1

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.



7333 Midway Circle
Denver, CO 80221
(303) 928-7128
www.ascentgeomatics.com

FIELD DATE:

04-30-18

DRAWING DATE:

05-29-18

BY:

SMF

CHECKED:

CLP

WELL NAME:

LOCHBUIE LAND 2J-25H-D166

SURFACE LOCATION:

NW 1/4 NW 1/4 SEC. 25, T1N, R66W, 6TH P.M.

WELD COUNTY, COLORADO

PREPARED FOR:



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

3.25" ALUM CAP
PLS 12405, 1998

2.5" ALUM CAP
PLS 25636, 2002

N89°57'41"E 2644.89'

2.5" ALUM CAP
28686, 1994

LOCHBUIE LAND
2K-25H-D166

N00°01'20"W 2644.66'

297'

S08°44'40"E
1076.18'

N89°56'46"E 4362.64'

TPZ: 2062' FNL
460' FWL

BHL: 2062' FNL
460' FEL

2.5" ALUM CAP
PLS 12405, 1998

S00°11'49"W 2642.55'

S00°12'42"W 2642.47'

3.25" ALUM CAP
PLS 26298, 2008

25

SURFACE LOCATION:
GROUND ELEVATION=5076'
NAD83
LATITUDE:40.026795° N
LONGITUDE:104.733901° W

TOP OF PRODUCTION ZONE LOCATION:
NAD83
LATITUDE:40.023875° N
LONGITUDE:104.733319° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.023880° N
LONGITUDE:104.717745° W

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

PDOP=1.5
GPS OPERATOR: IAN CARABAJAL

3.25" ALUM CAP
PLS 12405, 1998

3.25" ALUM CAP
ILLEGIBLE, 2002

S89°53'00"W 2634.98'

S89°53'24"W 2634.67'

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

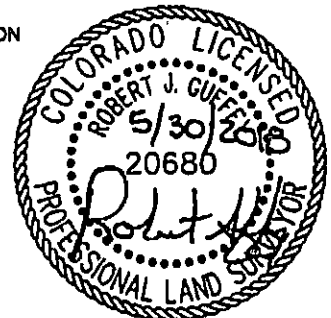
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C. RULE NO. 215
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO LINES SHOWN HEREON. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40,044,013"N. A CENTRAL MERIDIAN LONGITUDE OF 104,727,36"W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000238 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETTIC NORTH.
- FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE, UNLESS OTHERWISE NOTED.

WELL LOCHBUIE LAND 2K-25H-D166 TO BE LOCATED 998' 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

0 500 1000
SCALE: 1" = 1000'



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>2135 Midway Circle Denver, CO 80221 (303) 918-7121 www.ascentgeomatics.com</p>	FIELD DATE: 04-30-18	WELL NAME: LOCHBUIE LAND 2K-25H-D166	PREPARED FOR  <p>CRESTONE PEAK RESOURCES</p>
	DRAWING DATE: 05-29-18	SURFACE LOCATION: NW 1/4 NW 1/4 SEC. 25, T1N, R66W, 6TH P.M. WELD COUNTY, COLORADO	



Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street, Suite 1800
Denver, CO 80202

ACKNOWLEDGMENT OF RECEIPT

I hereby acknowledge the receipt of the following documents hand-delivered from Crestone Peak Resources LLC:

1. 30 Day Notice of Application Horizontal Wells
Township 1 North, Range 66 West, Weld County
Lochbuie Land 2J-25H-D166 and Lochbuie Land 2K-25H-D166

Elise Fuller

Signature

Elise Fuller

Printed Name

7/9/18

Date