



November 30, 2016

Crestone Peak Resources Operating LLC  
370 17<sup>th</sup> st, #2170  
Denver, CO, 80202

RE: Rule 317.s. Statewide Fracture Stimulation Setback

**Leonard 7**

SHL: 1796' FSL, 494' FWL, NWSW, Sec. 21-2N-67W

Top of Producing Zone Location: 1070' FSL, 460' FWL, Sec. 21-2N-67W

BHL: 1070' FSL, 460' FEL, Sec. 21-2N-67W

Dear Operator,

Extraction Oil & Gas, LLC (Extraction) is applying to the Colorado Oil and Gas Conversation Commission (COGCC) to drill the above referenced well at the described surface and bottom hole locations. Per COGCC Rule 317.s., no horizontal wellbore lateral shall be located less than one hundred fifty (150) feet from any existing or permitted oil or gas wellbore unless waived in writing by the operator of the encroached upon well. As currently planned, the horizontal wellbore lateral of the above well will lie within 150 feet of the wellbore of the captioned well:

Leonard 43-21, API #05-123-19796, operated by Crestone Peak Resources Operating LLC, Closest distance: 143' feet

Per COGCC Rules, Extraction is required to get the offset well operator's approval in writing and a waiver of said Rule 317.s. The well is planned as above to maximize mineral recovery. Also enclosed is a Well Location Plat that shows the planned wellbore.

Should you find this acceptable please indicate so by signing the below section and returning the signed letter either via email to [aandrews@extractionog.com](mailto:aandrews@extractionog.com) or by mail. Please contact the undersigned at 720-481-2379 with any questions.

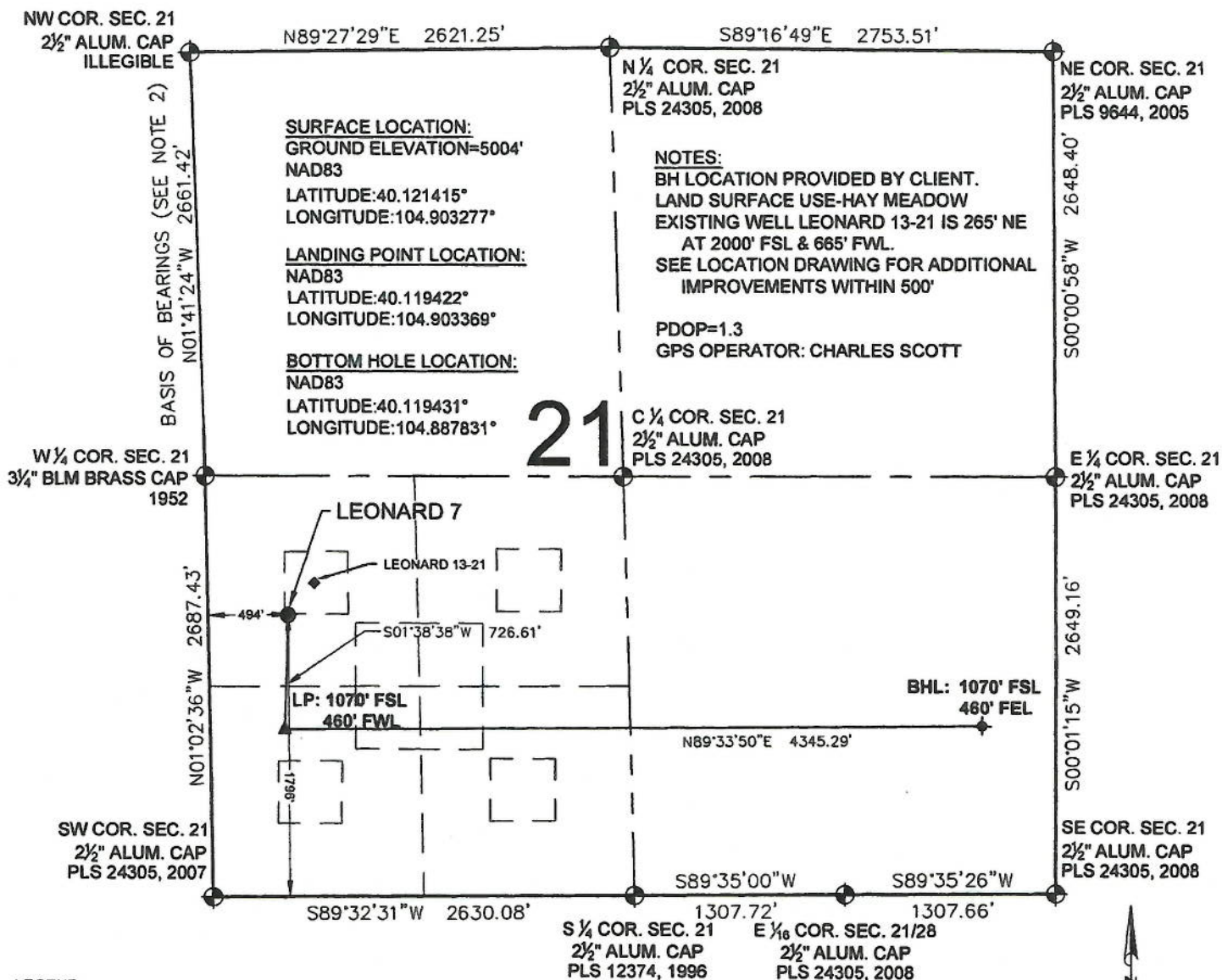
Sincerely,

Alyssa Andrews  
Regulatory Analyst  
Extraction Oil & Gas, LLC

I, Jason Schmidt, officer, agent, or employee of Crestone Peak Resources  
operator of the affected well, with full power to execute the following, do hereby approve of the **Leonard 7** well as listed  
above in Sec. 21-2N-67W and grant a waiver COGCC Rule 317.s. granting that this well may drilled as planned.

Signed  this 22<sup>nd</sup> day of December, 2016

# LEONARD 7 WELL LOCATION CERTIFICATE



## LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

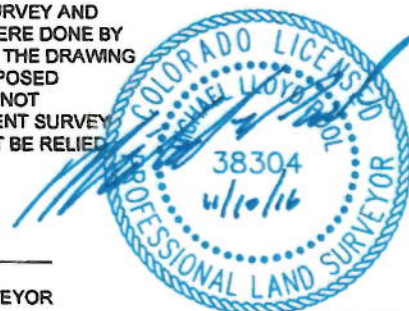
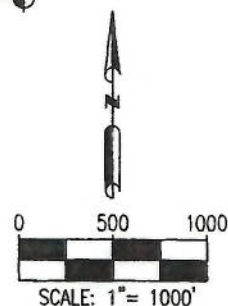
## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS AND DISTANCE SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

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.

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EXTRACTION OIL & GAS**, 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.

MICHAEL L. POOL, PLS 38304  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 1

PREPARED BY:



FIELD DATE:

11-08-16  
DRAWING DATE:  
11-09-16

BY:  
MDC

CHECKED BY:  
JLG

WELL NAME:

LEONARD 7

SURFACE LOCATION:

NW 1/4 SW 1/4 SEC. 21, T2N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR:

