



October 4, 2017

PDC Energy Inc.
1775 Sherman St, Suite 3000
Denver, CO, 80203

RE: Rule 317.s. Statewide Fracture Stimulation Setback

WS-Sunrise 5-5-5: SWSE, Section 32, Township 6 North, Range 65 West, Weld County, CO

Dear Operator,

Extraction Oil & Gas, Inc. (Extraction) is applying to the Colorado Oil and Gas Conversation Commission (COGCC) to drill the above referenced well. Per COGCC Rule 317.s., no horizontal wellbore's treated interval shall be located less than one hundred fifty (150) feet from any existing or permitted oil or gas wellbore's treated interval without the signed written consent of the operator of the encroached upon wellbore. As currently planned, the horizontal wellbore's proposed treated interval of the above well will lie within 150 feet of the treated interval of the captioned well:

Arnold #1, API #05-123-11913, operated by PDC Energy, Inc., Closest distance: **9** feet


Per COGCC Rules, Extraction is required to get the offset well operator's approval in writing and consent 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.

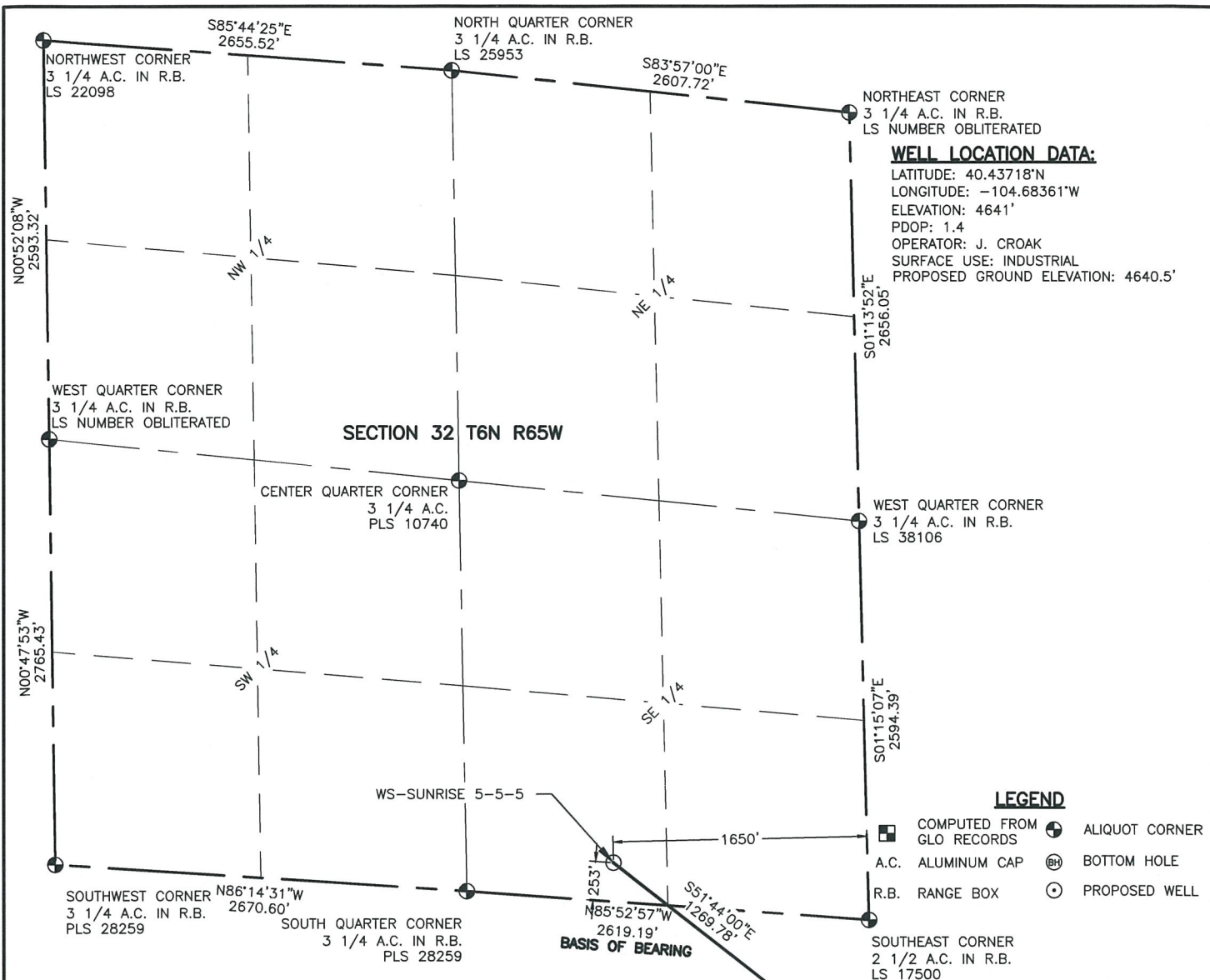
Should you find the stimulation of the proposed wellbore acceptable please indicate so by signing the below section and returning the signed letter either via email to aandrews@extractionog.com or by mail. Please contact the undersigned at 720-481-2379 with any questions.

Sincerely,

Alyssa Andrews
Regulatory Analyst
Extraction Oil & Gas, Inc.

I, Caleb A. Ring, officer, agent, or employee of POC Energy
operator of the affected well, with full power to execute the following, do hereby approve of the **WS-Sunrise 5-5-5** well
as listed above in **Sec. 32-6N-65W** and grant consent to COGCC Rule 317.s. granting that this well may drilled as planned.

Signed  this 10th day of October, 2017

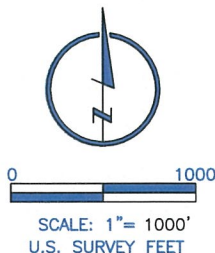


LAND SURVEYOR'S CERTIFICATION

LAMP, RYNEARSON & ASSOCIATES, INC., OF FT. COLLINS, COLORADO HAS, IN ACCORDANCE WITH A REQUEST FROM ERIN MATHEWS, DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS WS-SUNRISE 5-5-5 TO BE 253' FROM THE SOUTH LINE AND 1650' FROM THE EAST LINE OF SECTION 32, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH P.M., WELD COUNTY, COLORADO.



Laine A. Landau
 Laine A. Landau
 COLORADO PLS 31159
 DATE OF SURVEY: 8/19/2010 (SECTION CONTROL)
 DATE OF SURVEY: 7/13/2017 (WELL LOCATION)

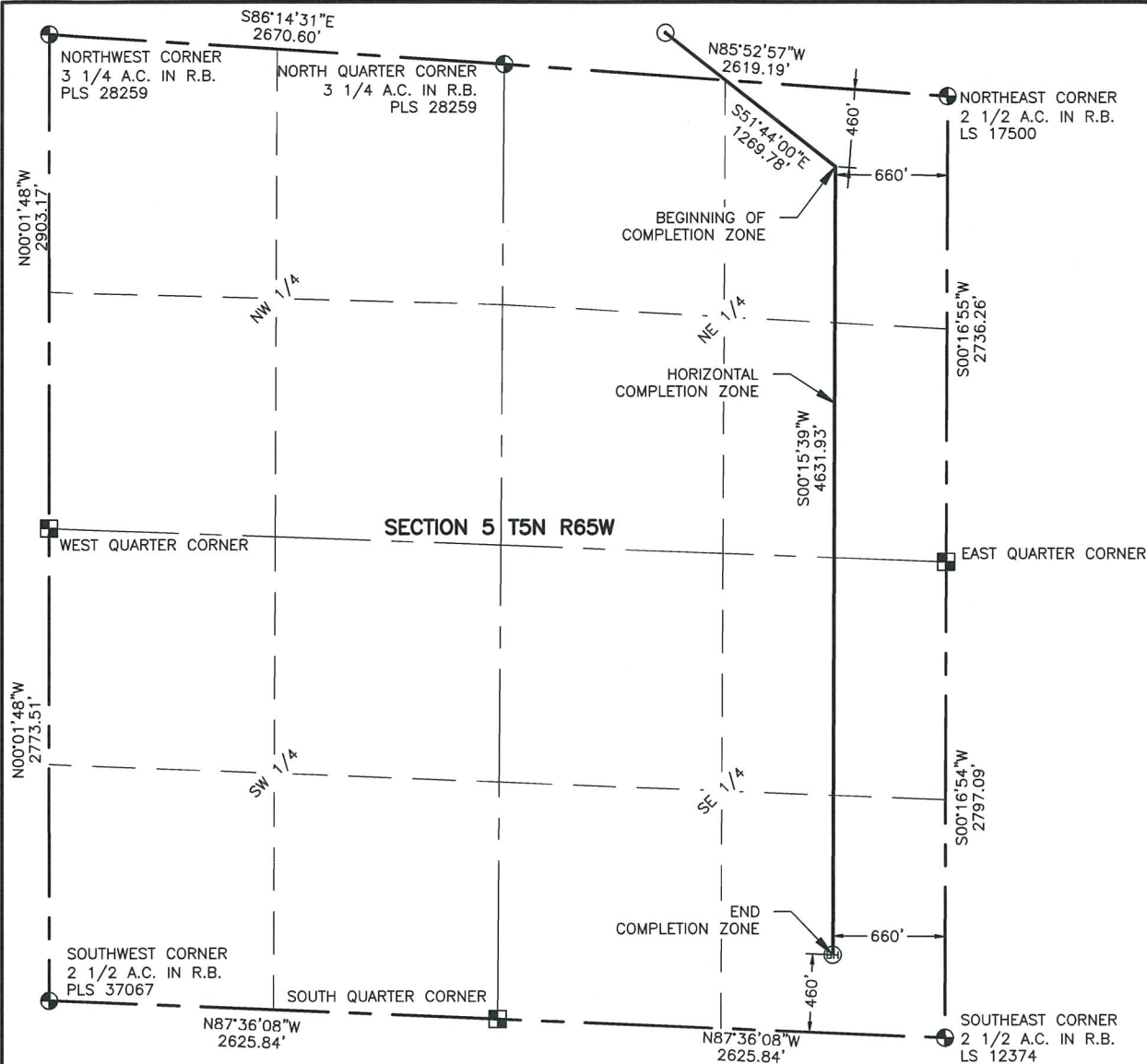


LAMP RYNEARSON & ASSOCIATES

4715 Innovation Drive 970.226.0342 | P
 Fort Collins, CO 80525 970.226.0879 | F
 www.LRA-Inc.com

Proposed Well Location Exhibit
 Wake South Directional Project
 WS-Sunrise 5-5-5
 1 of 2

drawn by	date	cogcc id	project - task number	book and page	surface - location
KJW	7/19/2017	432599	0215045.03	MR-4/42	SW/4 SE/4 SEC 32 T6N R65W
path/filename P:\Engineering\0215045.03 Wake South 32-N\SURVEY\DRAWINGS\EXHIBITS\0211012-02WakeWPJ.dwg					



NOTES:

- DISTANCES ARE MEASURED PERPENDICULAR TO NEAREST SECTION LINE AND ARE SHOWN ON THE SAME SIDE OF THE SECTION LINE WHERE THE WELL IS LOCATED.
- THIS MAP DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY. SIXTEENTH CORNER LOCATIONS ARE COMPUTED, UNLESS OTHERWISE NOTED.
- BOTTOM HOLE LOCATIONS AND HORIZONTAL COMPLETION ZONE PROVIDED BY OTHERS.

LEGEND

- ALIQUOT CORNER
- BOTTOM HOLE
- COMPUTED FROM GLO RECORDS
- PROPOSED WELL
- A.C. ALUMINUM CAP
- R.B. RANGE BOX



0 1000

SCALE: 1" = 1000'
U.S. SURVEY FEET



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Proposed Well Location Exhibit
Wake South Directional Project
WS-Sunrise 5-5-5
2 of 2

drawn by	date	cogcc id	project - task number	book and page	surface - location
KJW	7/19/2017	432599	0215045.03	MR-4/42	SW/4 SE/4 SEC 32 T6N R65W
path/filename P:_Engineering\0215045.03 Wake South 32-N\SURVEY\DRAWINGS\EXHIBITS\0211012-02WakeWPJ2.dwg					