



In accordance with a request from Jay Knutson of Crestone Peak Resources, Washburn Land Surveying, LLC has determined the location of the **RUEGGE 3K-4H-N165** well site to be SHL: 706' FSL and 2136' FWL, (TPZ: 460' FSL and 2570' FWL), (BHL: 460' FNL and 2570' FWL), as measured at ninety (90) degrees from the section lines of Section 4, Township 1 North, Range 65 West of the 6th Principal Meridian, Weld County Colorado.

Proposed Surface Hole Data:

Latitude: N 40.075257°  
Longitude: W 104.670774°  
PDOP: 1.3

Proposed TPZ Data:

Latitude: N 40.074579°  
Longitude: W 104.669231°

Proposed Bottom Hole Data:

Latitude: N 40.086578°  
Longitude: W 104.669102°

### LEGEND

- ⊕ - Found Survey Monument
- - Calculated Position
- ⊙ - Surface Hole Location (SHL)
- - Top of Producing Zone (TPZ)
- × - Bottom Hole Location (BHL)

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 11/15/2017 for and on behalf of Crestone Peak Resources That it is not a Land Survey Plat or an Improvement Survey Plat and that it is not to be relied upon for establishment of fences, buildings, or other future improvement lines.

Notes:

- 1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate.
- 2) using RTK GPS observations taken 10/23/17 by operator Jason Dahlman.
- 3) Conversion factor to ground (1.000271498).
- 4) Elevations based on NAVD 88 GPS heights and Geoid 2009 corrections.
- 5) See Location Drawing for visible improvements within 500 feet of Pad Site.
- 6) The surface use is a cultivated field.

**NOTICE:** According to Colorado law you must commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification shown hereon.

John Robert McGehee LS#38219  
Well: RUEGGE 3K-4H-N165 WLC