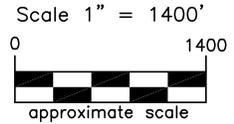


JR Land Surveying, LLC  
 8114 Northstar Drive  
 Windsor, Colorado 80528  
 P. 970-576-4641

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



**LEGEND**

- ⊕ - found survey monument
- (C) - calculated dimension

**(a) Existing Well Data:**

Jillson 'A' #1  
 Latitude: N 40.11875°  
 Longitude: W 105.00595°  
 FSL: 676'  
 FEL: 2004'  
 ELEV: 4905'  
 PDOP: 2.0

**(b) Existing Well Data:**

Edith Ann 34-21  
 Latitude: N 40.11862°  
 Longitude: W 105.00645°  
 FSL: 631'  
 FEL: 2143'  
 ELEV: 4905'  
 PDOP: 1.9

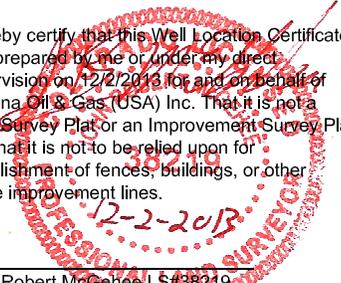
**Nearest:**

Building: 493' southeast  
 Building Unit: 708' southeast  
 Above Ground Utility: 301' southwest  
 Public Road: 270' south  
 Railroad: +5,280'  
 Property Line: 284' south  
 Well Window: SHL is 462' outside  
 Existing Well:  
 Jillson 'A' #1; 758' northwest  
 High Occupancy Building Unit: +5,280'

**Proposed Surface Hole Data:**

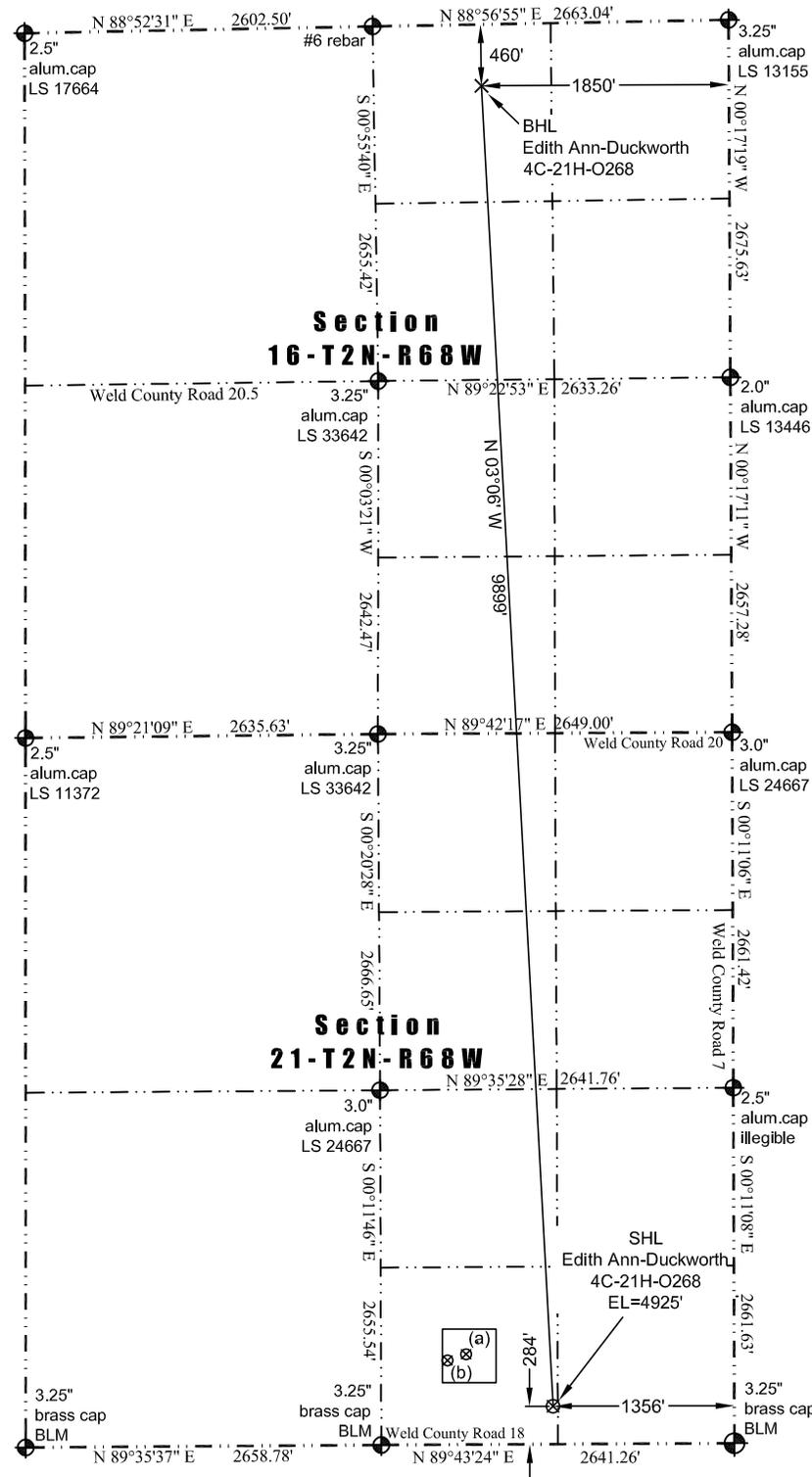
Latitude: N 40.11767° (BHL: 40.14481°)  
 Longitude: W 105.00363° (BHL: 105.00535°)  
 PDOP: 2.2

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 12/2/2013 for and on behalf of EnCana Oil & Gas (USA) Inc. 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.



John Robert McGehee LS#38219  
 Well: Edith Ann-Duckworth 4C-21H-O268 WLC

In accordance with a request from Jay Knutson of EnCana Oil & Gas (USA) Inc., JR Land Surveying, LLC has determined the location of the **Edith Ann-Duckworth 4C-21H-O268 well site** to be SHL: 284' FSL and 1356' FEL, (BHL: 460' FNL and 1850' FEL), as measured at ninety (90) degrees from the section lines of Sections 16 and 21, Township 2 North, Range 68 West of the 6th Principal Meridian, Weld County Colorado.



**Notes:**

- 1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate, using RTK GPS observations taken 12/2/13 by operator John Rice
- 2) Conversion factor to ground (1.000285153).
- 3) Elevations based on NAVD 88 GPS heights and Geoid 2003 corrections.
- 4) See Location Drawing for visible improvements within 500 feet of Pad Site.
- 5) 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.