

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

Scale 1" = 1400'



LEGEND

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

(a) Existing Well Data:

Nelson #4
Latitude: N 40.09308°
Longitude: W 105.02985°
FSL: 1946'
FWL: 1974'
ELEV: 4957'
PDOP: 2.0

(b) Existing Well Data:

Ray Nelson 4-4-32
Latitude: N 40.09308°
Longitude: W 105.02932°
FSL: 1946'
FWL: 2123'
ELEV: 4958'
PDOP: 2.4

(c) Existing Well Data:

Ray Nelson 4-6-32
Latitude: N 40.09304°
Longitude: W 105.02932°
FSL: 1931'
FWL: 2123'
ELEV: 4958'
PDOP: 2.4

(d) Existing Well Data:

Ray Nelson 23-32
Latitude: N 40.09300°
Longitude: W 105.02932°
FSL: 1946'
FWL: 2123'
ELEV: 4958'
PDOP: 2.1

Nearest:

Building: 498' southwest
Above Ground Utility: 281' west
Public Road: 297' west
Railroad: 10,209' southeast
Property Line: 286' west
Well Window: SHL is 10' outside
Existing Well: Nelson #4,
398' northeast

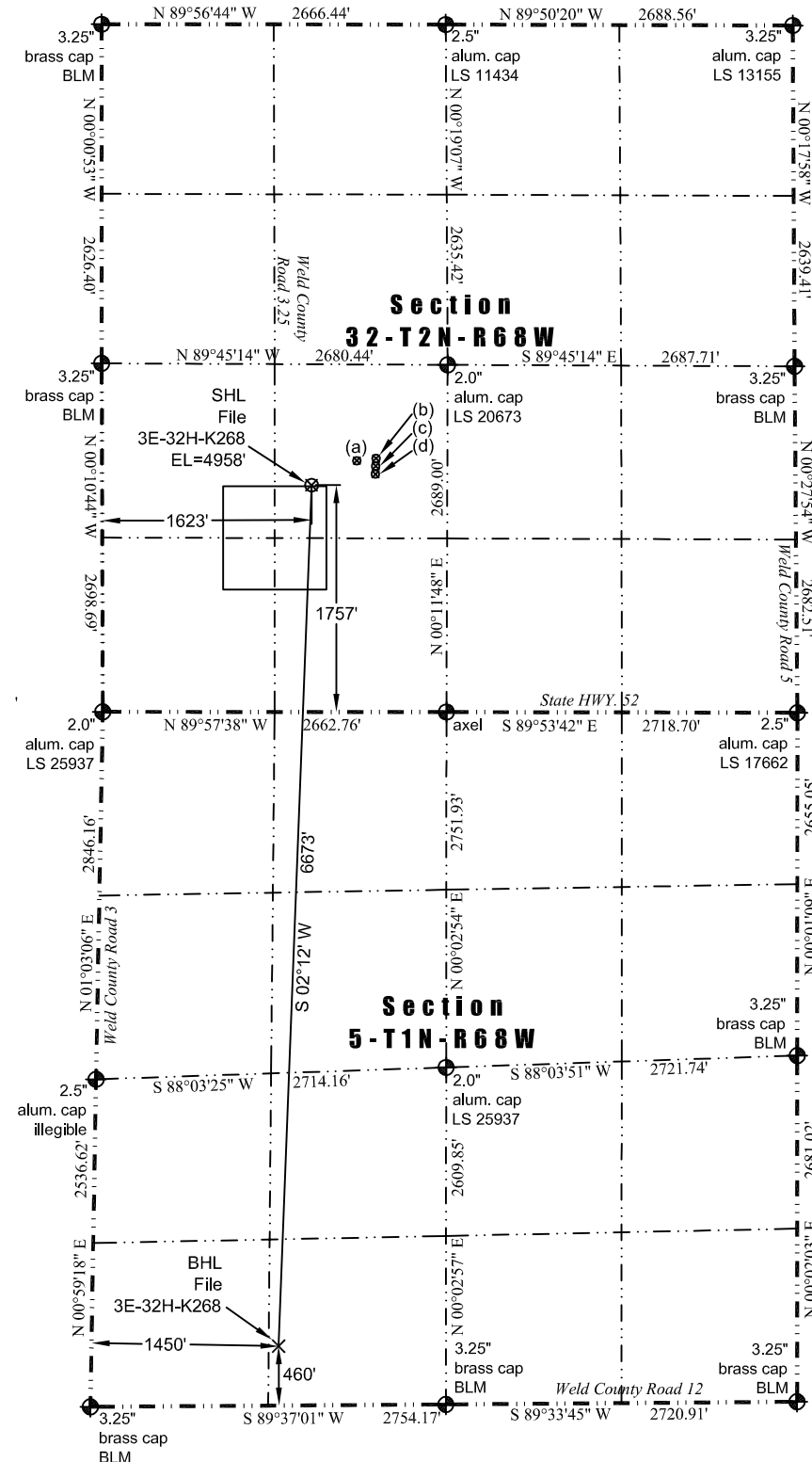
In accordance with a request from Jay Knutson of EnCana Oil & Gas (USA) Inc., JR Land Surveying, LLC has determined the location of the **File 3E-32H-K268** well site to be SHL: 1757' FSL and 1623' FWL, (BHL: 460' FSL and 1450' FWL), as measured at ninety (90) degrees from the section lines of Section 32, Township 2 North and Section 5, Township 1 North, Range 68 West of the 6th Principal Meridian, Weld County Colorado.

Proposed Surface Hole Data:

Latitude: N 40.09257° (BHL: 40.07427°)
Longitude: W 105.03111° (BHL: 105.03215°)
PDOP: 2.4

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 7/5/2013 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 McCahee L.S.#38219
Well: File 3E-32H-K268 WLC



Notes:

- 1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate, using RTK GPS observations taken 5/22/13 by operator John Rice
- 2) Conversion factor to ground (1.0002793972).
- 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.