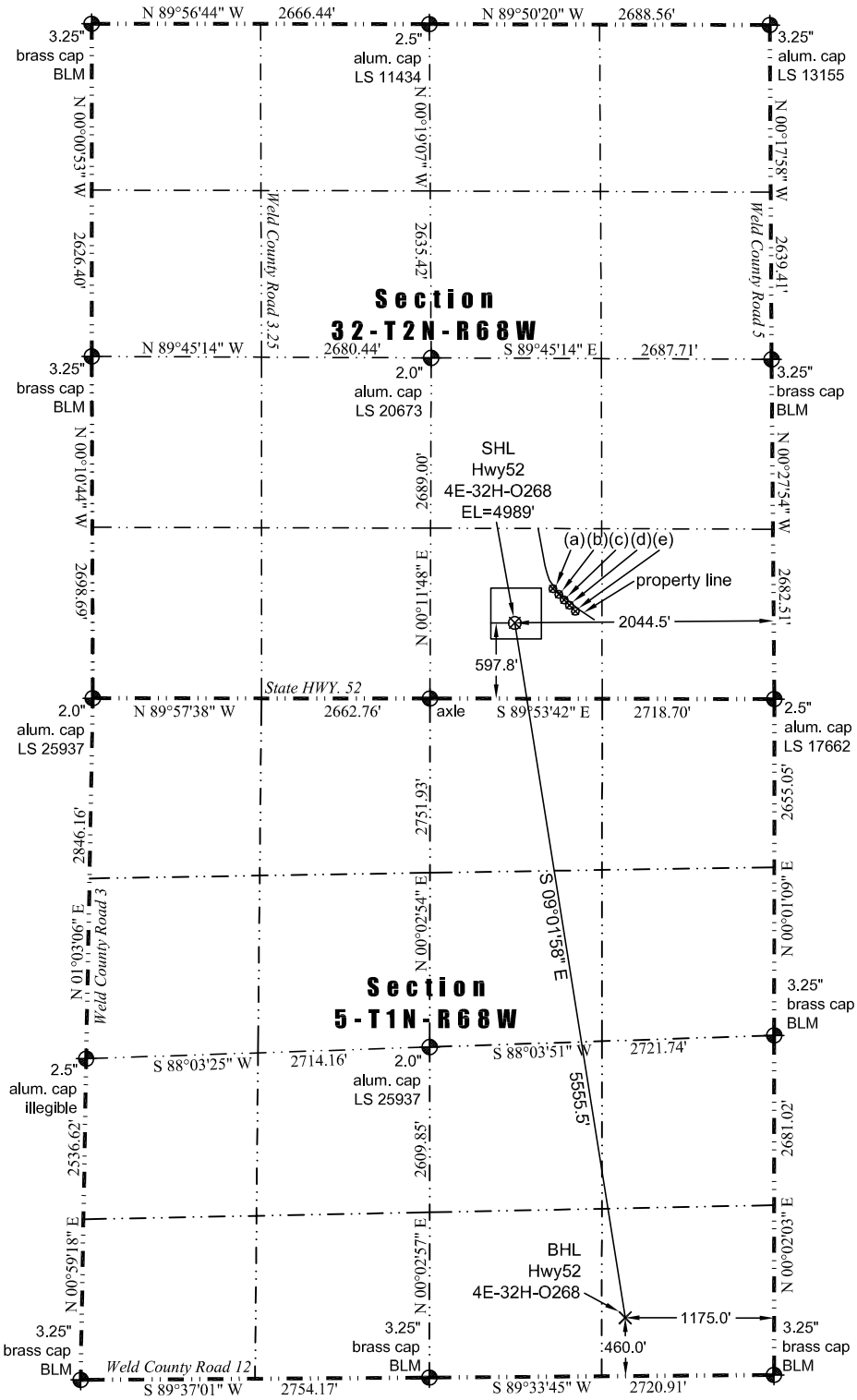
# WELL LOCATION CERTIFICATE

*THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY*

Washburn Land Surveying
www.WashburnSurveying.com
970-232-9645




In accordance with a request from Jay Knutson of EnCana Oil & Gas (USA) Inc., Washburn Land Surveying, LLC has determined the location of the **Hwy52 4E-32H-O268** well site to be SHL: 597.8' FSL and 2044.5' FEL, (BHL: 460.0' FSL and 1175.0' FEL), 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.

(a) Existing Well Data:
Ray Nelson 33-32
Latitude: N 40.089968°
Longitude: W 105.023758°
FSL: 823'
FEL: 1696'
ELEV: 4980'
PDOP: 2.0

(b) Existing Well Data:
Ray Nelson 34-32
Latitude: N 40.089947°
Longitude: W 105.023735°
FSL: 816'
FEL: 1689'
ELEV: 4980'
PDOP: 2.0

(c) Existing Well Data:
Ray Nelson 44-32
Latitude: N 40.089925°
Longitude: W 105.023710°
FSL: 808'
FEL: 1682'
ELEV: 4980'
PDOP: 2.0

(d) Existing Well Data:
Brown 41-5
Latitude: N 40.089904°
Longitude: W 105.023686°
FSL: 800'
FEL: 1676'
ELEV: 4980'
PDOP: 2.1

(e) Existing Well Data:
Ray Nelson 8-8-32
Latitude: N 40.089883°
Longitude: W 105.023662°
FSL: 793'
FEL: 1669'
ELEV: 4980'
PDOP: 2.0

0 1400
Scale 1"=1400'

LEGEND
– found survey monument
(C) – calculated dimension

Nearest:
Building: 527' southwest
Building Unit: 632' southwest
Above Ground Utility: 618' south
Public Road: 658' south
Railroad: +5,280'
Property Line: 418' northeast
Well Window: SHL is 126' inside
High Occupancy Building Unit: +5,280'
Existing Well: Ray Nelson 33-32, 414' northeast

Proposed Surface Hole Data:
Latitude: N 40.089355° (BHL: 40.074281°)
Longitude: W 105.025003° (BHL: 105.021991°)
PDOP: 1.6

Notes:
1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate. using RTK GPS observations taken 4/24/14 by operator Chris Bettencourt
2) Conversion factor to ground (1.0002793972).
3) Elevations based on NAVD 88 GPS heights and Geoid 2009 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.

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 5/30/2014 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.

5-30-2014

John Robert McGehee LS#38219
Well: Hwy52 4E-32H-O268 WLC