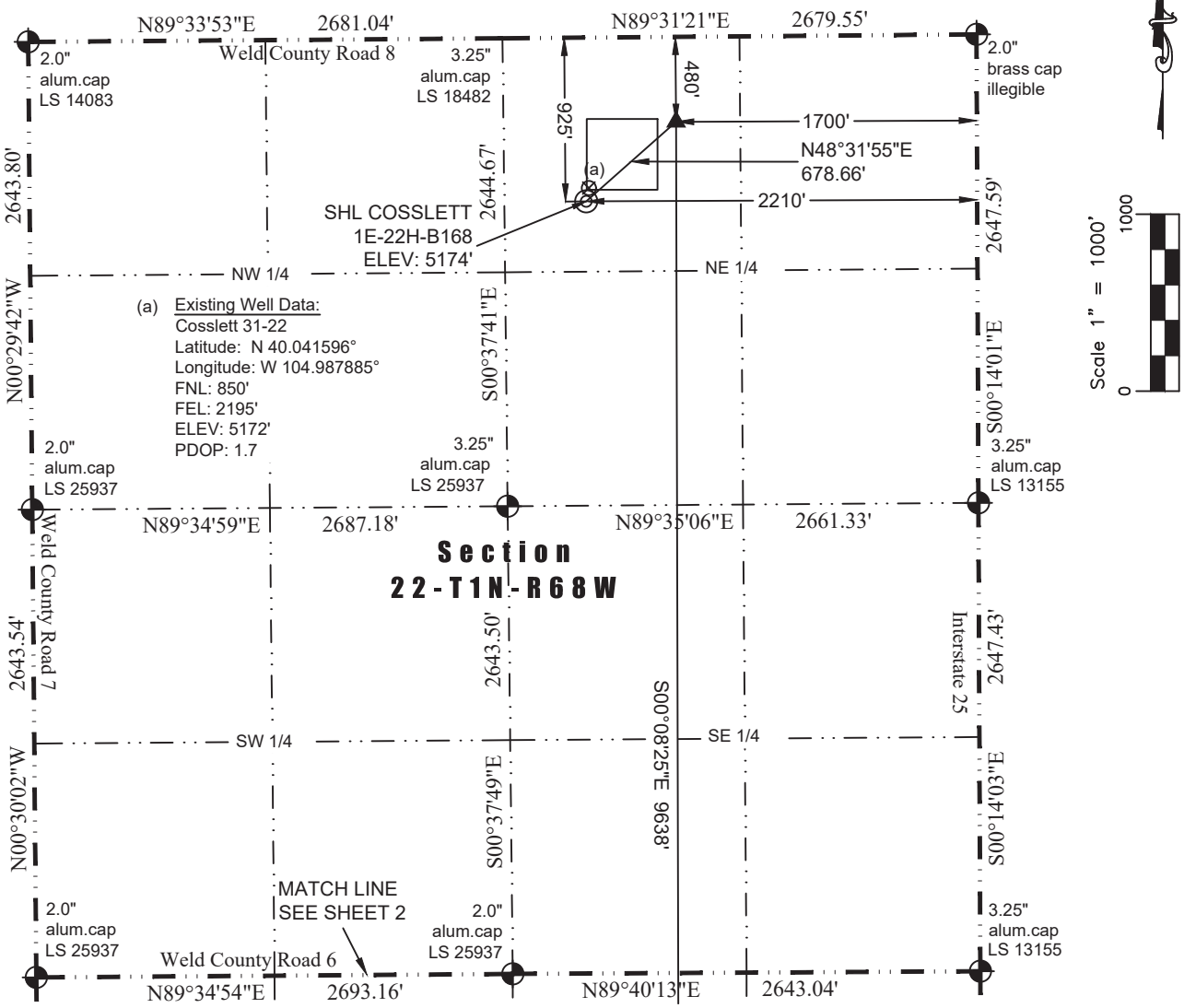
WELL LOCATION CERTIFICATE

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 Crestone Peak Resources, Washburn Land Surveying, LLC has determined the location of the **COSSLETT 1E-22H-B168** well site to be SHL: 925' FNL and 2210' FEL, (TPZ: 480' FNL and 1700' FEL), (BHL: 460' FSL and 1700' FEL), as measured at ninety (90) degrees from the section lines of Sections 22 and 27, Township 1 North, Range 68 West of the 6th Principal Meridian, Weld County Colorado.

Proposed Surface Hole Data:
Latitude: N 40.041391°
Longitude: W 104.987940°
PDOP: 2.0

Proposed TPZ Data:
Latitude: N 40.042616°
Longitude: W 104.986115°

Proposed Bottom Hole Data:
Latitude: N 40.016158°
Longitude: W 104.986230°

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

Nearest Cultural Items:

Building: 1323' SW	Property Line: 397' S
Building Unit: 2055' SE	Railroad: +5280'
Above Ground Utility: 885' N	High Occupancy Building Unit: 4687' NE
Public Road: 908' N	Designated Outside Activity Area: +5280'
Well window: SHL is 66' outside	Existing Well: Cosslett 31-22, 76' NE

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 12/22/2017 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.

12-22-2017

John Robert McCehee LS#38219
Well: COSSLETT 1E-22H-B168 WLC

Notes:
1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate. using RTK GPS observations taken 3/24/15 by operator Jason Dahlman.
2) Conversion factor to ground (1.0002587651).
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.

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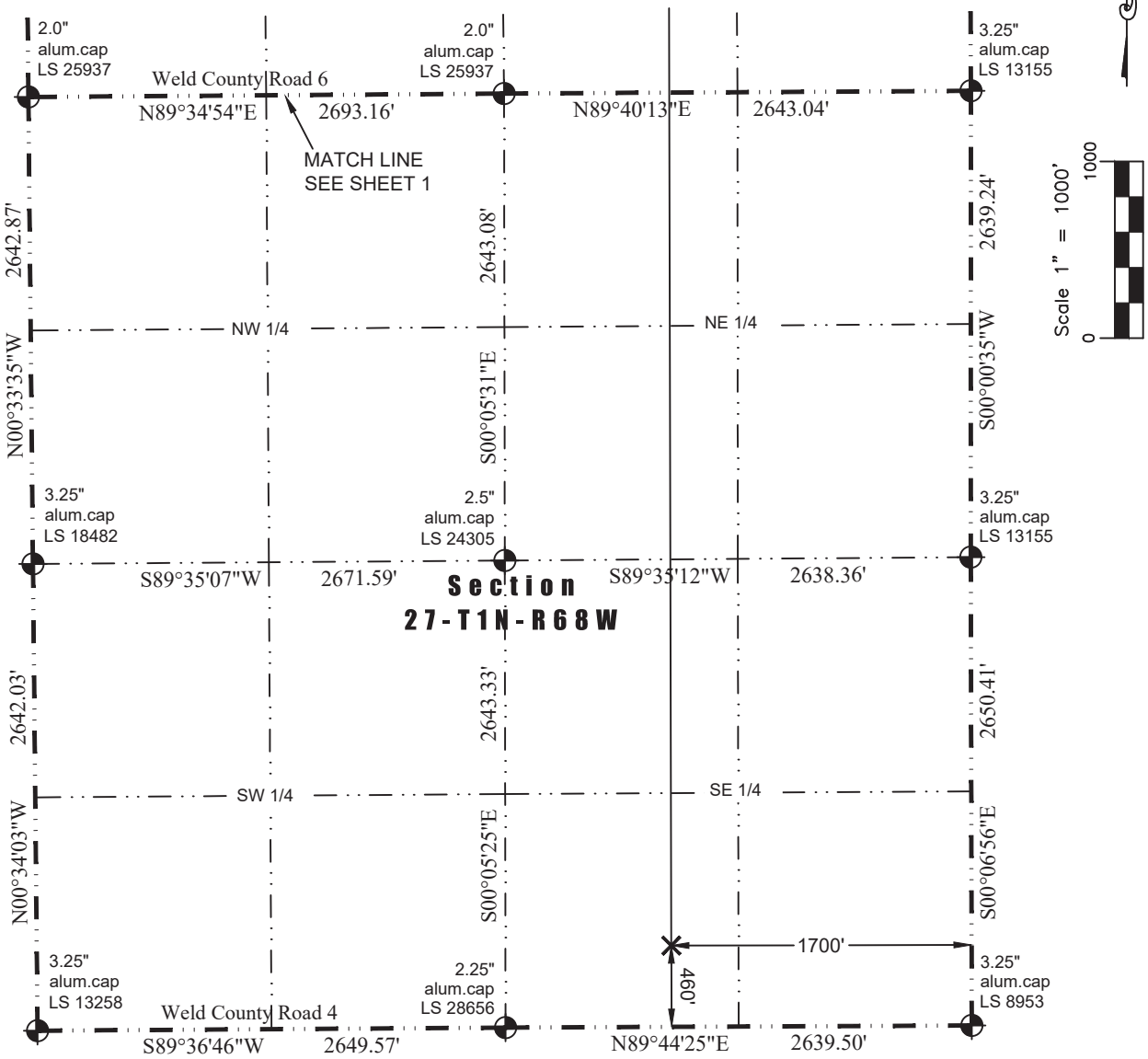

LEGEND

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