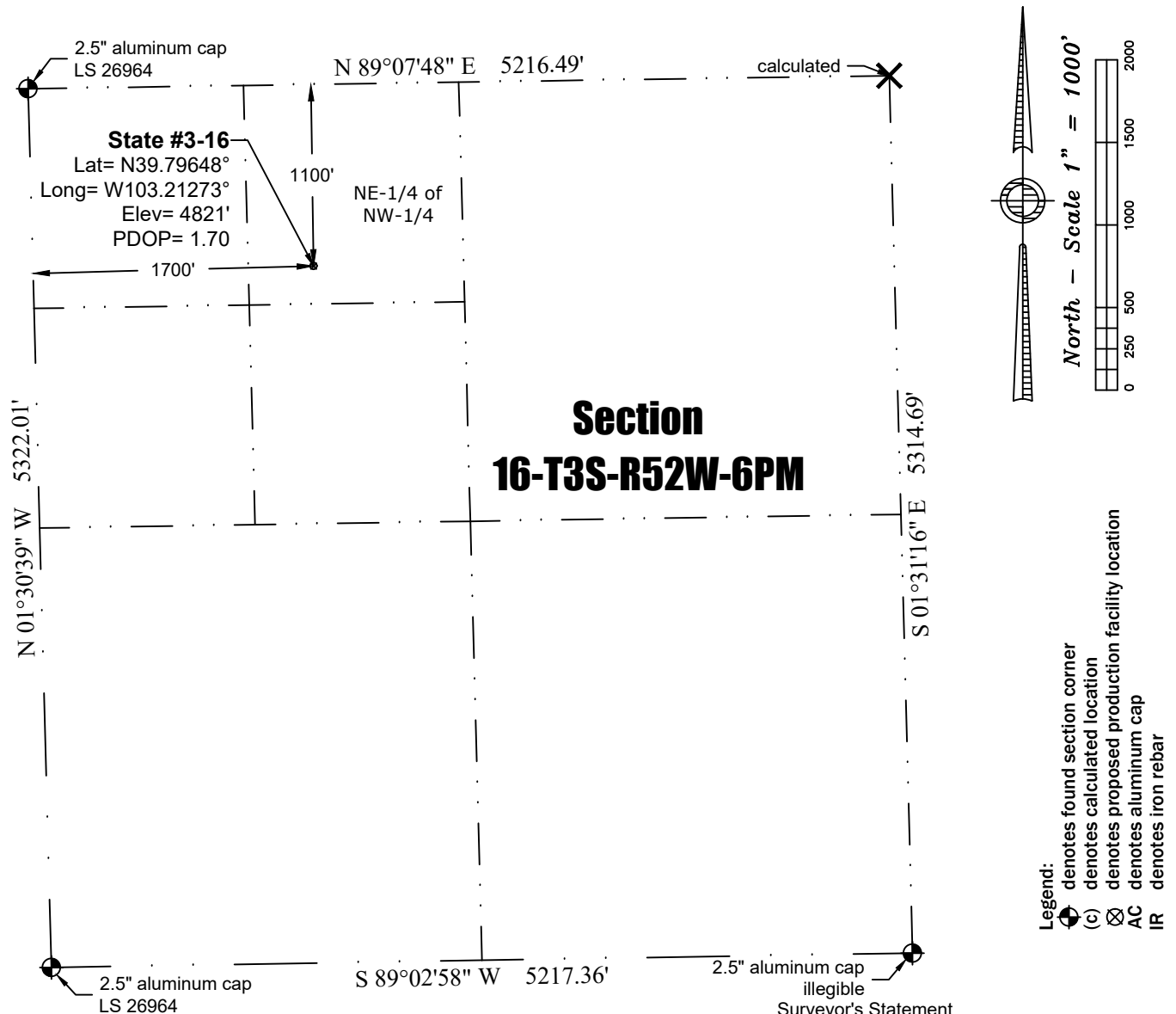


Well Location Certificate



Notes:

- In accordance with a request from St. Croix Operating, Inc., PLS Group has determined the location of the State #3-16 well to be 1700' FWL and 1100' FNL as measured perpendicular to the section lines.
- Coordinates and bearings based NAD 83, Colorado State Plane Coordinates - North Zone (SPC) using RTK GPS observations taken on 12.11.2017 by Craig Burke.
- Elevations based on NAVD 88 Datum using GPS observed heights and Geoid 12B corrections.
- Distances shown are in SPC grid feet. Ground scale factor= 1.00023829242.
- This is not a Land Boundary Survey.
- No rights of way or easements shown at client's request.
- There are no improvements within 100' of the proposed well site.
- Apparent Land Use is cropland.
- Vegetation is harvested field corn.

Surveyor's Statement

I, M. Bryan Short, hereby state that this exhibit is the result of a field survey made under my supervision and based upon my information and knowledge. I believe this exhibit to be a true and correct representation of said survey.



P:\Project\2017\17149\dwg\17149_WLC.dwg December 13, 2017 - 2:56pm

Well Name:	State #3-16	Field Date 12.11.2017	Prepared for:	Project#: 17149.001
		Party Chief DCB	St. Croix Operating, Inc.	
Section 16-T3S-R52W-6th PM, NE-NW		Proj. Manager ZNB		
Washington County, Colorado		Drawing Date 12.13.2017	PLS Group 6843 North Franklin Avenue Loveland, Colorado 80538 970.669.2100 office - 970.669.3652 fax	