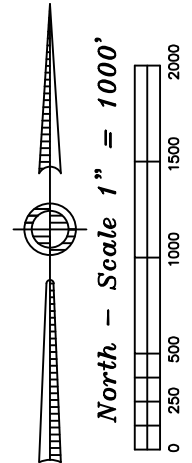
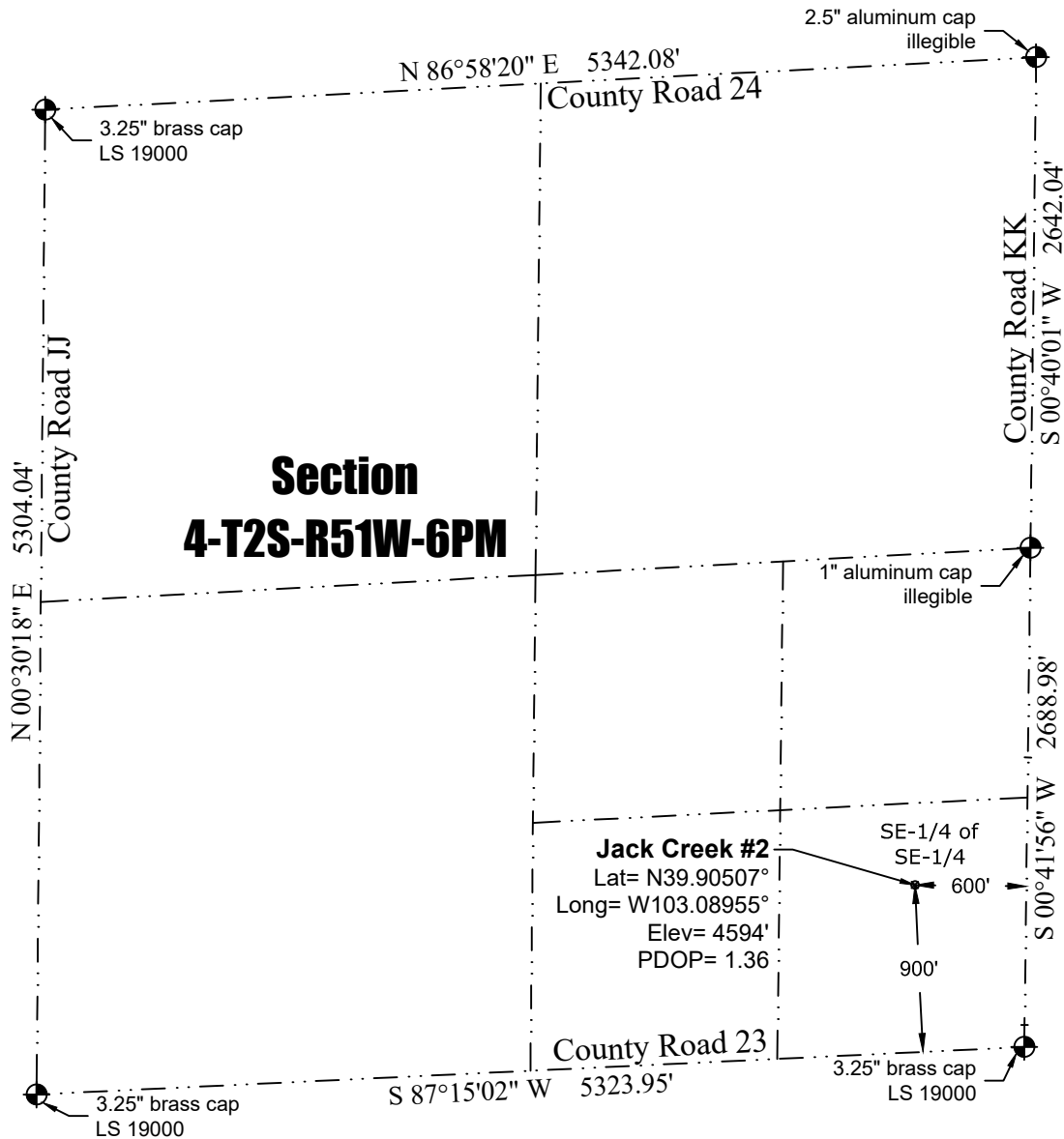


Well Location Certificate



Legend:

- denotes found section corner
- (c) denotes calculated location
- ⊗ denotes proposed production facility location
- AC denotes aluminum cap
- IR denotes iron rebar

Notes:

- In accordance with a request from St. Croix Operating, Inc., PLS Group has determined the location of the Jack Creek #2 well to be 600' FEL and 900' FSL 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 3.1.2018 by Adam Short.
- Elevations based on NAVD 88 Datum using GPS observed heights and Geoid 12B corrections.
- Distances shown are in SPC grid feet. Ground scale factor= 1.00024201414.
- 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.

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\2018\18023\dwg\18023_WLC.dwg March 12, 2018 - 5:32pm

Well Name: Jack Creek #2	Field Date 3.1.2018	Prepared for: St. Croix Operating, Inc. PLS Group 6843 North Franklin Avenue Loveland, Colorado 80538 970.669.2100 office - 970.669.3652 fax
Section 4-T2S-R51W-6th PM, SE-SE	Party Chief ADS	
Washington County, Colorado	Proj. Manager ZNB	
	Drawing Date 3.6.2018	