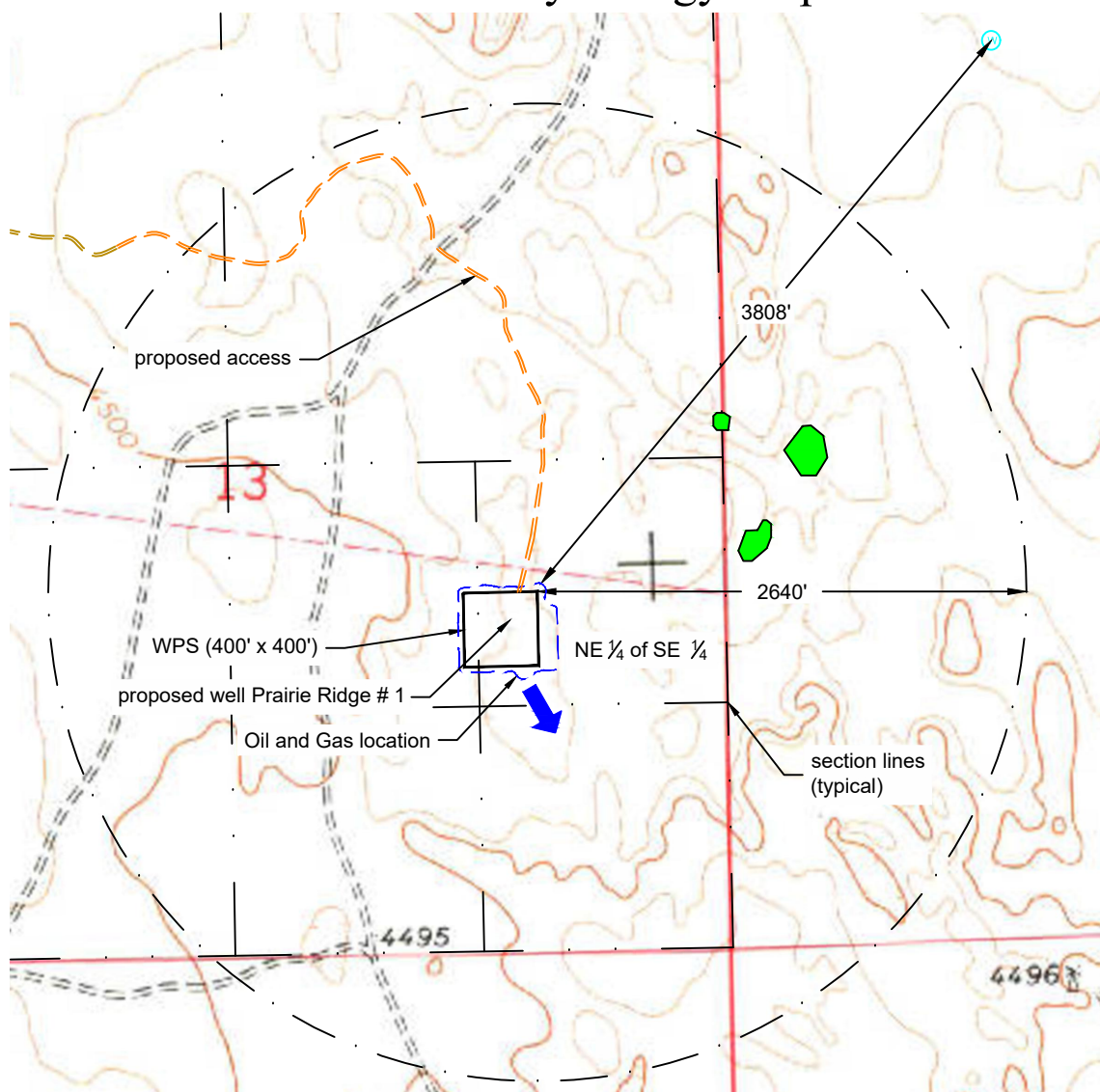


# Hydrology Map



## Legend:

- wetlands (PEM1A)
- ➔ downgradient
- ⊙ water well
- section line
- buffer zone
- proposed access road
- existing private gravel road
- WPS
- Oil and Gas location

Groundwater and Water Well information:  
Distance and direction from Oil and Gas location.

<u>Description:</u>	<u>Distance:</u>
water well Permit: #69700	3,808' Northeast
Spring or Seep:	5,280' Northeast

Surface Water and Wetlands:  
Distance and direction to nearest downgradient surface waters from working pad.  
- If less than 2,640 feet, is water identified within 15 miles upstream of Public Water System intake?

Distance and direction to nearest downgradient wetlands from working pad.

Is a U.S. Army of Engineers Section 404 permit required for the proposed Oil and Gas location, access road, or associated pipeline corridor.

Is location within a Floodplain.  
-resource State

<u>Direction</u>	<u>Distance:</u>
East	5,280'

East	1,106'
------	--------

No

No

C:\Users\plscorp\OneDrive\for Brett\22093\22093\_R2\_HYD.dwg April 10, 2023 - 4:48pm

Well Name: <b>Prairie Ridge #1</b>	Field Date <b>11.22.2022</b>	Prepared for: <b>St Croix Operating, LLC</b>	Project#: <b>22093.001</b>	
	Party Chief <b>BAB</b>			
	S13-T03S-R50W-6 PM	Survey Tech <b>N/A</b>	PLS Corporation 1205 Des Moines Ave Loveland, Colorado 80537 970.669.2100 - info@plscorporation.com	
	Washington County, CO	Proj. Manager <b>BAB</b>		