

Nearest:  
 Building Unit: 549' northwest  
 Above Ground Utility: 1,815' northeast  
 Property Line: 455' west  
 Railroad: 4,290' northwest  
 Public Road: 540' northwest

# Location Drawing

JR Land Surveying, LLC  
 8114 Northstar Drive  
 Windsor, Colorado 80528  
 P. 970-576-4641

Existing Well Data:  
 Vessels Minerals E Unit #2  
 Latitude: N 40.03311°  
 Longitude: W 105.04068°  
 FSL: 1403'  
 FEL: 1002'  
 EL: 5041'  
 PDOP: 1.8

Existing Well Data:  
 Vessels Minerals 19-10  
 Latitude: N 40.03309°  
 Longitude: W 105.04050°  
 FSL: 1395'  
 FEL: 953'  
 EL: 5041'  
 PDOP: 1.8

Existing Well Data:  
 Vessels Minerals 19-16  
 Latitude: N 40.03300°  
 Longitude: W 105.04048°  
 FSL: 1363'  
 FEL: 946'  
 EL: 5042'  
 PDOP: 1.8

Existing Well Data:  
 Vessels Minerals 43-19  
 Latitude: N 40.03286°  
 Longitude: W 105.04048°  
 FSL: 1312'  
 FEL: 945'  
 EL: 5043'  
 PDOP: 1.7

Existing Well Data:  
 Vessels Minerals 6-8-19  
 Latitude: N 40.03286°  
 Longitude: W 105.04051°  
 FSL: 1311'  
 FEL: 955'  
 EL: 5043'  
 PDOP: 1.8



**Distances listed below  
 are measured from the center of the  
 proposed facility pad**

- [A] Reference Point (center of proposed facility pad)
- [B] existing Vessels Minerals 43-19, 172' northwest
- [C] existing Vessels Minerals 6-8-19, 178' northwest
- [D] existing Vessels Minerals 19-16, 212' northwest
- [E] existing Vessels Minerals E Unit #2, 278' northwest
- [F] existing Vessels Minerals 19-10, 243' northwest
- [G] access 284' northwest
- [H] Coal Creek 214' southwest
- [I] meter hut/shed 405' northwest
- [J] concrete irrigation structure 457' northwest
- [J-1] concrete irrigation structure 483' northwest
- [K] concrete path 348' east
- [L] approximate property line 455' west
- [L-1] approximate property line/fence 539' northwest
- [M] house 549' northwest

Reference Point Data:  
 Center of the proposed facility pad  
 Latitude: N 40.03252°  
 Longitude: W 105.04006°  
 FSL: 1187'  
 FEL: 528'  
 ELEV: 5045'  
 PDOP: 2.0

- Legend:
- ⊙ - fire hydrant
  - ⋈ - water valve
  - ⊠ - electric vault
  - ⊕ - manhole
  - X — - fence line

**Vessels Minerals  
 Proposed Facilities Drawing**

**Improvements extending  
 500' from disturbance**

Township 1 North, Range 68 West,  
 Section 19: SE¼ SE¼  
 Weld County, Colorado

December 17, 2013

Field observations taken  
 on 12/9/13 by operator  
 John Rice