

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