

In accordance with a request from Mac Neumann of PDC Energy, Inc., Washburn Land Surveying, LLC has determined the location of the **WIEDEMAN FEDERAL 22H-332** well site to be SHL: 2080' FSL and 238' FWL, (BHL: 715' FSL and 500' FEL), as measured at ninety (90) degrees from the section lines of Section 22, Township 4 North, Range 66 West of the 6th Principal Meridian, Weld County Colorado.

Proposed Surface Hole Data:

Latitude: N 40.295612°
Longitude: W 104.772246°
PDOP: 1.8





Proposed Entry Point Data:

Latitude: N 40.292109°
Longitude: W 104.770123°

Proposed Bottom Hole Data:

Latitude: N 40.292049°
Longitude: W 104.755737°

LEGEND

-  - Found Survey Monument
 - Surface Hole Location (SHL)
 - Entry Point Location (EPL)
 - Bottom Hole Location (BHL)

Nearest:

Building: 719' southwest
Building Unit: 719' southwest
Public Road: 226' west
Property Line: 239' west

Above Ground Utility: 203' west
 Railroad: 2477' southeast
 High Occupancy Building Unit: 2143' southwest
 Outside Activity Area: 1400' southwest

Notes:

- 1) Bearings and distances based on NAD 83 Colorado North State Plane Coordinate, using RTK GPS observations taken 7/2/15 by operator Jason Dahlgren.
- 2) Conversion factor to ground (1.0002674645).
- 3) Elevations based on NAVD 88 GPS heights and Geoid 2009 corrections.
- 4) See Location Drawing for visible improvements within 500 feet of Pad Site.
- 5) The surface use is a cultivated field.

NOTICE: According to Colorado law you must commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification shown hereon.

I hereby certify that this Well Location Certificate was prepared by me or under my direct supervision on 1/27/2016 for and on behalf of PDC Energy, Inc. That it is not a Land Survey Plat or an Improvement Survey Plat and that it is not to be relied upon for establishment of fences, buildings, or other future improvement lines.

John Robert McGehee LS#38219
Well: WIEDEMAN FEDERAL 22H-332 WLC