

Well – Surface locations (WellSurface)

This directory includes points representing the surface locations of oil and gas wells or other wells originally permitted as oil and gas well. Some non-oil or gas wells are included if drill cuttings or other information are available in the board’s data library.

- “wells.zip” includes the points in NAD 83 longitude and latitude.
- “wells_prj.zip” includes the points in NAD 83 Montana State Plane Coordinates (FIPS 2500)

An additional file named “Well_Surface.tab” is a tab delimited text file that includes the location data available in shape file format.

Table attributes include:

API_WellNo	The API number assigned to the well
CoName	Current operator of record for the well
Well_Nm	The name of the well
Status	Text description of the current well status
Type	Text description of the well type
MapSymbol	Simplified combination of status and type used internally for applying symbols
Wh_Twpn	Township number
Wh_Twpd	Township direction
Wh_RngN	Range number
Wh_Rngd	Range direction
Wh_Sec	Section number
Wh_Qtr	Quarter-quarter-quarter description
Completed	Date well completed (when available)
St_FldNo	Internal code for statistical field designation ¹
Prod_Field	Field name utilized for statistical purposes ¹
Field_No	Internal code for regulatory field designation ²
Reg_Field	Regulatory field name ²
DTD	Total depth reported by driller

“WellSurface.tab” has the following additional data elements:

WH_GCDB_Lat and WH_GCDB_Long, which are 1983 latitude and longitude coordinates;
WH_GCDB_X and WH_GCDB_Y, which are NAD 83 Montana State Plane (FIPS 2500) coordinates;

Wh_FtNS and Wh_Ns, which are the surveyed well location in feet relative to the north (N) or south (S) section lines;

WH_FtEW and Wh_FtEW, the surveyed well location in feet relative to the east (E) and west (W) section lines.

¹ A production or “statistical” field is the field designation for statistical purposes. This designation is used because not all wells are located within fields delineated by board order.

² The regulatory field is the field name given to a specific area delineated as a field by the board.