

Metadata for DMS DORMANT WELL STATE PT



Purpose

The Dormant Well Location (DMS_DORMANT_WELL_STATE_PT) point layer shows the location of wells classified as dormant or former sites under the Dormancy and Shutdown Regulation (DSR).

Background

The objective of the [Dormancy and Shutdown Regulation](#) is to ensure that permit holders responsibly progress their energy resources activities to regulatory closure within a reasonable time.

A well is dormant when the well does not meet a threshold for activity in five (5) consecutive years. A site is dormant when all wells located on the site are dormant. For multi-well pads, if one well on the site meets the threshold for activity, then the site is not dormant. The threshold for wellsite activity includes:

- Production from – or injection or disposal into – the well for at least 720 hours in a calendar year;
- The completion of a production zone;
- A drilling event, or;
- In the case of an observation well, the well is active on at least one (1) day.

This dataset of dormant wells is updated regularly following the submission of production/injection/disposal reports to Petrinex. Decommissioning, assessment, and restoration stage gate declarations are provided by permit holders via Annual Report submissions. Please refer to [the Dormant Sites Program Manual](#) for additional information.

Data Properties

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
OBJECTID		Object ID		Unique row value assigned by database
SHAPE		Geometry (Point)		
WA_NUM	Well Authorization Number	Text	5	Unique 5 digit (zero padded) number assigned to each surface hole location.
WELL_NAME	Well Name	Text	80	Identifies the well operator, the field or area name, and the surface location of the well. This is the full well name as it is permitted.
OPERATOR	Operator Name	Text	150	Current permit holder of the well location.
WELL_SURFACE_LOCATION	Well Surface Location	Text	18	Location using NTS (National Topographic System) and/or DLS (Dominion Land Survey) map sheets also known as grid systems.
MODE_CODE	Well Activity Status	Text	4	The mode code is the well activity status: <ul style="list-style-type: none">• ABAN - Abandoned - The wellbore has been plugged in accordance with the regulations, and the wellhead has been

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
				<p>cut off.</p> <ul style="list-style-type: none"> • ABNZ - Abandoned Zone - All Completed intervals in the well have been plugged in accordance with the regulations. The wellhead has NOT been cut off. • ACT - Active - The wellbore has been used for the production, injection or disposal of fluids within the last 12months or is being used as a reservoir observation well. • CANC - Cancelled – Authorization to drill the well was granted at some point, but the well was never drilled, and the well authorization was later cancelled. There may or may not be surface disturbance. • CASE - Cased – Drilling has finished, casing has been installed and cemented in place, but the well has not been completed and so is not capable of production, injection, disposal or observation. • COMP - Completed – The well is equipped for production, injection or disposal, and can become Active at a time of the permit holder's choosing. • SUSP - Suspended – The well was previously Active, but due to an extended lapse in production, injection or disposal, is no longer required to report volumetric activity. The permit holder may choose to reactivate the well.
OPS_TYPE	Operations Type	Text	4	<p>Operations types:</p> <ul style="list-style-type: none"> • DISP - Disposal • INJ - Injection • OBS - Observation • PROD - Production • SRC - Source • STOR - Storage • UND - Undefined • CYCL - Cyclical
FLUID_TYPE	Fluid Type	Text	4	<p>Fluid types:</p> <ul style="list-style-type: none"> • GAS - Gas • MGAS - Multiple Gas • MOG - Multiple Oil and Gas • MOIL - Multiple Oil • OIL - Oil • SOLV - Solvent • UND - Undefined • WATR - Water • CO2 - Carbon Dioxide

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				<ul style="list-style-type: none"> LPG - Liquefied Petroleum Gas AGAS - Acid Gas GEOT - Geothermal Fluid
FIELD_NAME	Oil and Gas Field Name	Text	30	Name of the field that the well or former site is located.
LAST_SPUD_DATE	Last Spud Date	Date		Date when last drilling event commenced.
LAST_RIG_RELS_DATE	Last Rig Release Date	Date		Date when last drilling rig was released.
LAST_COMPLTN_DATE	Last Completion Date	Date		Date when last well completion activity completed.
LAST_ACTIVE_PRODUCTION_YR	Last Active Production Year	Date		Last calendar year where a well produced for a total of 720 or more hours in a calendar year.
LAST_ACTIVE_INJ_DISP_YR	Last Active Injection Disposal Year	Date		Last calendar year where injection or disposal into a well occurred for a total of 720 or more hours in a calendar year.
ABANDONMENT_DATE	Abandonment Date	Date		Date that the well was abandoned.
WELL_DORMANCY_DATE	Well Dormancy Date	Date		<p>The date when the well became dormant. Note that for a multi-well sites the site is not dormant until all of the wells on the site are dormant. Also see: SITE_DORMANCY_DATE</p> <p>For a former site (cancelled with surface disturbance), the dormancy date is the cancellation date.</p>
CANC_WITH_SURF_DIST_IND	Cancelled with Surface Disturbance Indicated	Text	1	Y indicates that there was surface disturbance at the site at the time the permit was cancelled. Sites that are cancelled with surface disturbance become former sites as defined in section 3.1 of the Dormancy and Shutdown Regulation.
SHARED_PAD	Shared Pad (Y/N)	Text	1	Y indicates that the site is a multi-well site.
DORMANT_STATUS_SITE	Dormant Status (Site)	Text	40	<p>The dormancy <u>status</u> of a site.</p> <ul style="list-style-type: none"> Dormant - a well that meets the dormancy thresholds set out in section 3 of the Dormancy and Shutdown Regulation or a former site (cancelled with surface disturbance) as defined in section 3.1 of the Dormancy and Shutdown Regulation. Non-Dormant - a well that has not yet met the dormancy thresholds set out in section 3 of the Dormancy Regulation.
SITE_DORMANCY_DATE	Dormancy Date (Site)	Date		The date when the well site became dormant (note that for a multi-well sites the site is not dormant until all of the wells

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
				on the site are dormant). For a former site (cancelled with surface disturbance), the dormancy date is the cancellation date.
SITE_DORMANCY_YEAR	Dormancy Year (Site)	Short		The calendar year in which the site became dormant. For a former site, the dormancy year is the calendar year in which the well cancellation date occurred.
DORMANCY_TYPE	Dormancy Type	Text	1	Classification of Dormant Site: A/B/C. See DSR Section Sections 4.1, 4.2, 4.3
PRIORITY_SITE_IND	Priority Site Indicated	Text	1	Y indicates that the site has been designated a priority site as defined in section 5 of the Dormancy and Shutdown Regulation.
PRIORITY_SITE_DESIGNATION_DATE	Priority Designation Date	Date		The date that the site was designated a priority site as defined in section 5 of the Dormancy and Shutdown Regulation.
FORMER_SITE_IND	Former Site (Y/N)	Text	1	Y indicates that the site is a former site as defined in section 3.1 of the Dormancy and Shutdown Regulation. These are commonly referred to as “built but never drilled” or “cancelled with surface disturbance” sites.
DECOM_STAGE_GATE_COMPLETE	Decommissioned (Y/N)	Text	1	Y indicates that the permit holder has declared the decommissioning stage gate as complete for the site.
DECOM_STAGE_GATE_YEAR	Decommissioned Year	Short		Calendar year in which decommissioning work was completed.
ASSESS_STAGE_GATE_COMPLETE	Assessed (Y/N)	Text	1	Y indicates that the permit holder has declared the assessment stage gate as complete for the site.
ASSESS_STAGE_GATE_YEAR	Assessed Year	Short		Calendar year in which assessment work was completed.
RESTO_STAGE_GATE_COMPLETE	Restored (Y/N)	Text	1	Y indicates that the permit holder has declared the restoration stage gate as complete for the site.
RESTO_STAGE_GATE_YEAR	Restored Year	Short		Calendar year in which restoration work was completed.
COFR_ISSUE_DATE	Certificate of Restoration Date	Date		The date when Certificate of Restoration was issued by BCER for the site.
COR_FLAG	Certificate of Restoration (Y/N)	Text	1	Y indicates that a Certificate of Restoration has been issued by BCER for the site.
DECOM_PRIOR_TO_DORMANCY	Decommissioned Prior to Dormancy	Text		Y indicates that the permit holder reported that the site was stage gate complete for decommissioning before the site became dormant.

Attributes / Column Name	Field Alias	Data Type	Data Precision	Comments
CURRENT_STAGE_GATE	Current Stage Gate	Text	25	The most recent stage gate completed.

Renewal Triggers and Service Levels

1. Nightly

Downstream Applications

Web Application	Map Service
REST SERVICE	https://geoweb-ags.bc-er.ca/arcgis/rest/services/OPERATIONAL/DMS_DORMANT_WELL_STATE_PT/MapServer/1
WEB APP	Dormant Sites

Use Limitations

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Contact Information

For further information, please contact the dormant sites team at dormantsites@bc-er.ca.