

# Public GIS Viewer Glossary

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Term	Definition
<b>Abstract Number</b>	The term abstract refers to an original land survey describing an area transferred from the public domain by either the Republic of Texas or the State of Texas. These surveys are recorded in the "State Abstract of Land Titles," which is maintained by the Texas General Land Office. Each survey so recorded is assigned an abstract number, which is unique within the county in which the survey falls. Because Texas has never performed a uniform statewide land survey, these original surveys, called "Patent Surveys", constitute the State's Official Land Survey System.
<b>API</b>	The acronym for the American Petroleum Institute.
<b>API Number</b>	A unique, permanent, numeric identifier assigned for identification purposes to a wellbore. It consists of 10 digit. The first 2 digits are the state code (not shown on the map in the GIS viewer or in the GIS Wellbore attributes). The Texas State Code is 42. The next 3 digits are the county code (not shown on the map in the GIS viewer). The last 5 digits are the unique number assigned to identify the wellbore.
<b>Bay Well</b>	Any well under the jurisdiction of the Commission for which the surface location is either: (a) located in or on a lake, river, stream, canal, estuary, bayou, or other inland navigable waters of the state; or (b) located on state lands seaward of the mean high tide line of the Gulf of Mexico in water of a depth at mean tide of not more than 100 feet that is sheltered from the direct action of the open seas of the Gulf of Mexico.
<b>Block (Survey Attribute)</b>	A block is a defined set of original land surveys. A block has an identifying name and/or number, and surveys within it are usually consecutively numbered, mile-square sections. Land grants from the State of Texas to railroad companies were often patented in blocks and sections.
<b>Brine</b>	Water that has a large quantity of salt, especially sodium chloride, dissolved in it.
<b>Brine Mining Well</b>	A well used for injecting fresh water into geologic formation comprised mainly of salt. The injected freshwater dissolves the salt and is pumped back to the surface as a saturated sodium chloride brine solution used as a feedstock in petrochemical refineries and in oil and gas well drilling and workover operations.
<b>Brine Mining from Gas Well</b>	A brine mining well that was previously classified as a gas producer.
<b>Brine Mining from Oil Well</b>	A brine mining well that was previously classified as an oil producer.
<b>Brine Mining from Oil/Gas Well</b>	A brine mining well that was previously classified as an oil and gas producer.
<b>Canceled Location</b>	Well location for which the permit has expired or been canceled.
<b>Commercial Disposal Well</b>	A well whose owner or operator receives compensation from others for the disposal of oilfield fluids or other oil and gas wastes that are wholly or partially trucked to the well and the primary business purpose of the well is to provide these services for compensation.
<b>Commodity Description (Pipeline Attribute)</b>	Descriptive information about the commodities carried in the pipeline system.
<b>Core Test Well</b>	A hole drilled for the purpose of securing geological information to be used in the exploration or development of oil, gas, geothermal, or other mineral resources, except coal or uranium.
<b>Crude Transmission (Pipeline Attribute)</b>	The transmission by a pipeline of liquid petroleum as it comes out of the ground as distinguished from refined oils manufactured out of it.

Term	Definition
<b>Diameter (Pipeline Attribute)</b>	Outside Pipeline (IPS) diameter in inches.
<b>Directional Surface Location</b>	The surface location of a directional well.
<b>Directional Well</b>	A wellbore that is deviated from vertical and has a displacement of more than 100 feet.
<b>Dry Hole</b>	A plugged well that never produced oil or gas.
<b>Gas Transmission (Pipeline Attribute)</b>	The transmission of gas by a pipeline as it comes out of the ground.
<b>Gas Well</b>	Any well: (a) which produces natural gas not associated or blended with crude petroleum oil at the time of production; (b) which produces more than 100,000 cubic feet of natural gas to each barrel of crude petroleum oil from the same producing horizon; or (c) which produces natural gas from a formation or producing horizon productive of gas only encountered in a wellbore through which crude petroleum oil also is produced through the inside of another string of casing or tubing. A well which produces hydrocarbon liquids, a part of which is formed by a condensation from a gas phase and a part of which is crude petroleum oil, shall be classified as a gas well unless there is produced one barrel or more of crude petroleum oil per 100,000 cubic feet of natural gas; and that the term "crude petroleum oil" shall not be construed to mean any liquid hydrocarbon mixture or portion thereof which is not in the liquid phase in the reservoir, removed from the reservoir in such liquid phase, and obtained at the surface as such.
<b>Geothermal Well</b>	A well drilled within the established limits of a designated geothermal formation or used in geothermal operations.
<b>GNIS</b>	Geographic Names Information System
<b>H13 Well</b>	Wells that produce oil from a new enhanced oil recovery project or from existing expanded oil recovery projects.
<b>Hazardous Liquid</b>	Petroleum, petroleum products, or anhydrous ammonia.
<b>Highly Volatile Liquid (HVL) Products</b>	A hazardous liquid which will form a vapor cloud when released to the atmosphere and which has a vapor pressure exceeding 276 kPa (40psia) at 37.8 C (100 F).
<b>Horizontal Surface Location</b>	The surface location of a horizontal well.
<b>Horizontal Well</b>	A wellbore with one or more horizontal drainholes.
<b>Injection/Disposal from Brine Mining Well</b>	An injection/disposal well that was a brine mining well in the past.
<b>Injection/Disposal from Brine Mining Gas Well</b>	An injection/disposal from brine mining well that was previously classified as a gas producer.
<b>Injection/Disposal from Brine Mining Oil Well</b>	An injection/disposal from brine mining well that was previously classified as an oil producer.
<b>Injection/Disposal from Brine Mining Oil/Gas Well</b>	An injection/disposal from brine mining well that was previously classified as an oil and gas producer.
<b>Injection/Disposal from Gas Well</b>	An injection/disposal well that was previously classified as a gas producer.
<b>Injection/Disposal from Oil Well</b>	An injection/disposal well that was previously classified as an oil producer.
<b>Injection/Disposal from Oil/Gas Well</b>	An injection/disposal well that was previously classified as an oil and gas producer.
<b>Injection/Disposal from Storage Well</b>	An injection/disposal well that was a storage well in the past.



Term	Definition
<b>Injection/Disposal from Storage Gas Well</b>	An injection/disposal from storage well that was previously classified as a gas producer.
<b>Injection/Disposal from Storage Oil Well</b>	An injection/disposal from storage well that was previously classified as an oil producer.
<b>Injection/Disposal from Storage Oil/Gas Well</b>	An injection/disposal from storage well that was previously classified as an oil and gas producer.
<b>Injection/Disposal from Storage/Brine Mining Well</b>	An injection/disposal well that was a storage/brine mining well in the past.
<b>Injection/Disposal from Storage/Brine Mining/Gas Well</b>	An Injection/disposal from storage brine mining well that was previously classified as a gas producer.
<b>Injection/Disposal from Storage/Brine Mining/Oil Well</b>	An Injection/disposal from storage brine mining well that was previously classified as an oil producer.
<b>Injection/Disposal from Storage/Brine Mining/Oil/Gas Well</b>	An Injection/disposal from storage brine mining well that was previously classified as an oil and gas producer.
<b>Injection/Disposal from Gas Well</b>	An injection/disposal well that was previously classified as a gas producer.
<b>Injection/Disposal from Oil Well</b>	An injection/disposal well that was previously classified as an oil producer.
<b>Injection Disposal from Oil/Gas Well</b>	An Injection/disposal well that was previously classified as an oil and gas producer.
<b>Interstate (Pipeline Attribute)</b>	Identifies if a pipeline segment is Interstate or Intrastate.
<b>LPGas</b>	Liquified Petroleum Gas installation site.
<b>Lease ID</b>	The 5-digit oil lease or 6-digit gas ID number assigned by the Railroad Commission.
<b>Natural Gas</b>	A naturally occurring mixture of hydrocarbon and non-hydrocarbon gases in porous formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.
<b>Non-HVL Liquid Products</b>	Liquid products that are not highly volatile.
<b>Observation Well</b>	A service well used to monitor pressures in a reservoir or storage facility.
<b>Observation from Brine Mining Well</b>	An observation well that was a brine mining well in the past.
<b>Observation from Brine Mining/Gas Well</b>	An observation from brine mining well that that was previously classified as a gas producer.
<b>Observation from Brine Mining/Oil Well</b>	An observation from brine mining well that was previously classified as an oil producer.
<b>Observation from Brine Mining/Oil/Gas Well</b>	An observation from brine mining well that was previously classified as an oil and gas producer.
<b>Observation from Gas Well</b>	An observation well that was previously classified as a gas producer.
<b>Observation from Oil Well</b>	An observation well that was previously classified as an oil producer.
<b>Observation from Oil/Gas Well</b>	An observation well that was previously classified as an oil and gas producer.
<b>Observation from Storage Well</b>	An observation well that was a storage well in the past.
<b>Observation from Storage/Gas Well</b>	An observation from storage well that was previously classified as a gas well.
<b>Observation from Storage/Oil Well</b>	An observation from storage well that was previously classified as an oil well.
<b>Observation from Storage/Oil/Gas Well</b>	An observation from storage well that was previously classified as an oil and gas producer.



Term	Definition
<b>Observation from Storage/Brine Mining Well</b>	An observation well that was a storage/brining mining well in the past.
<b>Observation from Storage/Brine Mining/Gas Well</b>	An observation from a storage/brine mining well that was once classified as a gas producer.
<b>Observation from Storage/Brine Mining/Oil Well</b>	An observation from a storage/brine mining well that was previously classified as an oil producer.
<b>Observation from Storage/Brine Mining/Oil/Gas Well</b>	An observation from a storage/brine mining well that was previously classified as an oil and gas producer.
<b>Offshore Well</b>	Any well subject to Commission jurisdiction between the barrier islands the three marine league line (approximately nine miles).
<b>Oil Well</b>	Any well that produces one barrel or more crude petroleum oil to each 100,000 cubic feet of natural gas.
<b>Oil/Gas Well</b>	A completed well with a history of both oil and gas production based on reported test data.
<b>Operator (Pipeline Attribute)</b>	The company name that physically operates a pipeline system. Not the pipeline owner.
<b>Orphan Well</b>	Inactive non-compliant wells that have been inactive a minimum of 12 months and the responsible operator's Organizational Report (Form P-5) has been delinquent for greater than 12 months.
<b>P5 Number (Pipeline Attribute)</b>	A six-digit number generated and used by the RRC to identify a pipeline operator.
<b>Permitted Location</b>	Proposed location of a well for which the Railroad Commission of Texas has granted a drilling permit.
<b>Pipeline System</b>	Contiguous piping used for transmission or distribution of natural or other gas or hazardous liquid as defined by the operator and/or the Safety Division.
<b>Plugged Brine Mining Well</b>	A plugged well with a history of having been a brine mining well in the past.
<b>Plugged Brine Mining/Gas Well</b>	A plugged brine mining well that was previously classified as a gas producer.
<b>Plugged Brine Mining/Oil Well</b>	A plugged brine mining well that was previously classified as an oil producer.
<b>Plugged Brine Mining/Oil/Gas Well</b>	A plugged brine mining well that was previously classified as an oil and gas producer.
<b>Plugged Gas Well</b>	A well with a history of gas production that has been plugged.
<b>Plugged Oil Well</b>	A well with a history of oil production that has been plugged.
<b>Plugged Oil/Gas Well</b>	A well with a history of oil and gas production that has been plugged.
<b>Plugged Storage Well</b>	An underground storage reservoir for oil or gas from a plugged well.
<b>Plugged Storage/Gas Well</b>	A plugged storage well that was previously classified as a gas producer.
<b>Plugged Storage/Oil Well</b>	A plugged storage well that was previously classified as an oil producer.
<b>Plugged Storage/Oil/Gas Well</b>	A plugged storage well that was previously classified as an oil and gas producer.
<b>Plugged Storage/Brine Mining Well</b>	A plugged well with a history of having been a storage/brine mining well.
<b>Plugged Storage/Brine Mining/Gas Well</b>	A plugged storage/brine mining well that was previously classified as a gas producer
<b>Plugged Storage/Brine Mining/Oil Well</b>	A plugged storage/brine mining well that was previously classified as an oil producer.
<b>Plugged Storage/Brine Mining/Gas/Oil Well</b>	A plugged storage/brine mining well that was previously classified as an oil and gas producer.



Term	Definition
<b>PSIA</b>	Pounds of pressure per square inch absolute, using absolute zero as a base.
<b>Section</b>	A section refers to a square land survey measuring exactly one mile on each side. Some of the land transferred from the public domain by the state of Texas was surveyed and patented in units of square miles. The Texas General Land Office officially considers these units sections. Also, it was common that larger land grants, such as school lands and capitol lands, were subsequently surveyed into square mile units for the convenience of sale; these surveys are also called sections. In addition, the term "section" is commonly used to describe surveys in a group that have been assigned consecutive survey numbers, even though some of them do not have proper shape or size to truly be sections.
<b>Service from Brine Mining Well</b>	A service well that was a brine mining well in the past.
<b>Service from Brine Mining/Gas Well</b>	A service well from brine mining well that was previously classified as a gas producer.
<b>Service from Brine Mining/Oil Well</b>	A service well from brine mining well that was previously classified as an oil producer.
<b>Service from Brine Mining/Oil/Gas Well</b>	A service well from brine mining well that was previously classified as an oil and gas producer.
<b>Service from Gas Well</b>	A service well that was previously classified as a gas producer.
<b>Service from Oil Well</b>	A service well that was previously classified as an oil producer.
<b>Service from Oil/Gas Well</b>	A service well that was previously classified as an oil and gas producer.
<b>Service from Storage Well</b>	A service well that was a storage well in the past.
<b>Service from Storage/Oil Well</b>	A service from storage well that was previously classified as an oil producer.
<b>Service from Storage/Gas Well</b>	A service from storage well that was previously classified as a gas producer.
<b>Service from Storage Oil/Gas Well</b>	A service from storage well that was previously classified as an oil and gas producer.
<b>Service Well</b>	Any well used in conjunction with the production of hydrocarbons but not the actual producing well. (i.e., disposal, injection, or brine production).
<b>Shut-in Well (Type Gas)</b>	A well that is shut-in, temporarily abandoned, or unsuccessfully completed, has never produced oil or gas, and has been set up on the gas proration schedule for tracking purposes.
<b>Shut-in Well (Type Oil)</b>	A well that is shut-in, temporarily abandoned, or unsuccessfully completed, has never produced oil or gas, and has been set up on the oil proration schedule for tracking purposes.
<b>Storage from Brine Mining Well</b>	A storage well that was a brine mining well in the past.
<b>Storage from Brine Mining/Gas Well</b>	A storage well from brine mining well that was previously classified as a gas producer.
<b>Storage from Brine Mining/Oil Well</b>	A storage well from brine mining well that was previously classified as an oil producer.
<b>Storage from Brine Mining/Oil/Gas Well</b>	A storage well from brine mining well that was previously classified as an oil and gas producer.
<b>Storage from Gas Well</b>	A storage well that was previously classified as a gas producer.
<b>Storage from Oil Well</b>	A storage well that was previously classified as an oil producer.
<b>Storage from Oil/Gas Well</b>	A storage well that was previously classified as an oil and gas producer.
<b>Storage Well</b>	A well used for the injection or withdrawal of liquid or liquefied hydrocarbons or natural gas or any other gaseous substance into or out of an underground storage facility or reservoir.



Term	Definition
<b>Subsystem Name (Pipeline Attribute)</b>	Assigned by the Operator. A unique name for a smaller sub-section of a pipeline system. A subset of System Name.
<b>Sulfur Core Test Well</b>	A hole drilled for the purpose of securing geological information to be used in the exploration or development of sulfur.
<b>Survey</b>	A survey is a certified measured description of a piece of land. The term sometimes refers to the land itself. In Texas, original surveys were performed as part of the patenting process whereby land was transferred from the public domain. These "patent surveys", recorded at the Texas General Land Office, constitute an official land grid for the State and are the basis for subsequent land surveys.
<b>Survey Name</b>	The name of the original grantee or the name of the company, individual or eleemosynary institution that is common among a formed group of surveys as shown on the Texas General Land Office (GLO) county patent survey map or the GLO State Abstract of Land Titles.
<b>Survey Scrap File</b>	Scrap or mineral file number from the GLO Abstract of Land Titles.
<b>System Name (Pipeline Attribute)</b>	A name of a single pipeline system assigned by the operator. The name can be any alpha/numeric value assigned by the operator.
<b>T-4 Permit (Pipeline Attribute)</b>	RRC assigned 5-digit, left zero-filled, pipeline permit number.
<b>Transmission Line (Pipeline Attribute)</b>	Pipelines used to transmit natural gas or other fluids.
<b>USGS</b>	United States Geological Survey
<b>Water Supply Well</b>	A service well used to provide water for drilling operations and enhanced recovery projects.
<b>Water Supply from Gas Well</b>	A water supply well that was previously classified as a gas producer.
<b>Water Supply from Oil Well</b>	A water supply well that was previously classified as an oil producer.
<b>Water Supply from Oil/Gas Well</b>	A water supply well that was previously classified as an oil and gas producer.
<b>Well Log</b>	A record of the formations penetrated by a well, their depth, thickness, and (if possible) contents.

