

# Drilling Insight and Surface Casing Estimator Webpage and Tool Overview

Royce Massey, GIT  
Geographic Information Specialist  
Railroad Commission of Texas  
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# Purpose of Drilling Insight and Casing Estimator

- Main purpose is to provide operators with an estimate of protected water depths to gauge the cost of drilling materials
- Inform users of special drilling requirements and hazards/alerts
- Hub for geologic and groundwater information
- Serves as a research site for multiple disciplines

# Navigating to the Drilling Insight and Casing Estimator 1 of 4

The screenshot shows a Google search results page. The search bar contains the text "beg drilling insight and surface casing estimator". The search results are displayed in a list format. The first result is from the Bureau of Economic Geology, titled "Surface Casing Estimator". The second result is from The University of Texas at Austin, titled "RRC Drilling Insight and Casing Estimator (DICE)". The third result is from The Railroad Commission of Texas, titled "Geologic Advisory Unit". Below the search results, there is a section titled "People also ask" with three questions: "What is the surface casing of drilling?", "What is the purpose of surface casing?", and "What is the diameter of surface casing?".

Google

beg drilling insight and surface casing estimator

All Images Videos Shopping Forums More Tools SafeSearch

About 1,070,000 results (0.37 seconds)

- Bureau of Economic Geology  
<https://www.beg.utexas.edu/sce>  
**Surface Casing Estimator**  
This web site provides operators with an **estimate** of **casing** depths to assist in obtaining the Groundwater Protection Determination Letter (pdf).
- The University of Texas at Austin  
<https://coastal.beg.utexas.edu/surfacecasing>  
**RRC Drilling Insight and Casing Estimator (DICE)**  
Railroad Commission of Texas **Drilling Insight** and **Casing Estimator** (DICE) ... There are currently no items to display. **BEG** Logo ... Nothing to see here! **Casing** ...
- The Railroad Commission of Texas (.gov)  
<https://www.rrc.texas.gov/groundwater-advisory-unit>  
**Geologic Advisory Unit**  
... **Surface Casing Estimator** Site to share hydrogeologic, geophysical, and **drilling** alert information. The GAU maintains and improves its general geologic ...  
Missing: **insight** | Show results with: **insight**

People also ask

- What is the surface casing of drilling?
- What is the purpose of surface casing?
- What is the diameter of surface casing?

- Search “beg Drilling Insight and Casing Estimator”
- Search “beg dice”
- Search “beg surface casing estimator”
- Search will return Welcome/Home Page
  - Direct URL
    - <https://www.beg.utexas.edu/sce>

# Navigating to the Drilling Insight and Casing Estimator 2 of 4

The image shows a Google search interface with the following elements:

- Search Bar:** Contains the text "beg dice".
- Navigation:** Includes tabs for "All", "Images", "Shopping", "Videos", "Forums", and "More".
- Results:** Shows "About 6,280,000 results (0.34 seconds)". A red box highlights the text "Including results for *big* dice" and "Search only for beg dice".
- Search Result:** From Amazon.com, titled "Novelty Place 2 Pcs Jumbo Inflatable Dice, 20" White and ...". The description states: "Specifications - Each pack contains two black and white **dices**. The size is 20\*20\*20 inch (Inflated) can support varied ways of playing. Enjoy jumbo **dice** with ...". It includes a 4.5-star rating, 765 reviews, a price of \$17.95, and a "30-day returns" policy. A red arrow points from the search bar to this result.
- People also ask:** A section with four questions:
  - What were dice originally called?
  - What is the biggest dice in D&D?
  - What game do you play with yard dice?
  - What are the different sizes of dice?

# Navigating to the Drilling Insight and Casing Estimator 3 of 4

The image shows a Google search interface with the search term "beg dice" entered in the search bar. A red box highlights the search bar, and a red arrow points from it to a search result. The search results are displayed on a dark background. The first result is from Teachers Pay Teachers, titled "BUNDLE!! Beg Sounds, CVC Middle, Ending Sounds Dice ...". Below this are three video results: "Tumbilin' Dice 'To Proud To Beg' @ Blues Saloon/ St Paul ...", "Bryce's Dice Unboxing", and "My fastest dice stacking trick and other cool dice stacking ...". Below the videos is a "View all" button. The next result is from Pinterest, titled "BUNDLE!! Beg Sounds, CVC Middle, Ending Sounds Dice Games". The final result, highlighted with a red box, is from The University of Texas at Austin, titled "RRC Drilling Insight and Casing Estimator (DICE)". Below this title is the text: "Railroad Commission of Texas Drilling Insight and Casing Estimator (DICE) ... There are currently no items to display. BEG Logo. Zoom in. Zoom out. Show base ...".

Google

beg dice

All Images Shopping Videos Forums More Tools

About 5,670,000 results (0.37 seconds)

Teachers Pay Teachers  
https://www.teacherspayteachers.com/Product/BUN...  
**BUNDLE!! Beg Sounds, CVC Middle, Ending Sounds Dice ...**  
BUNDLE!! Beg Sounds, CVC Middle, Ending Sounds Dice Games ; Grade Levels. PreK - 1st, Homeschool ; Subjects. English Language Arts, Numbers, Phonics ; Resource ...  
\$6.00 · Free 3-day delivery · 180-day returns · In stock

Videos

**Tumbilin' Dice 'To Proud To Beg' @ Blues Saloon/ St Paul ...**  
YouTube · Carlo James LaManna  
Jan 20, 2024

**Bryce's Dice Unboxing**  
YouTube · Mandi MOM OF 8 Channel  
Dec 28, 2023

**My fastest dice stacking trick and other cool dice stacking ...**  
TikTok · jacobfeldmanshow  
Feb 8, 2024

Feedback

View all →

Pinterest  
https://www.pinterest.com/Explore  
**BUNDLE!! Beg Sounds, CVC Middle, Ending Sounds Dice Games**  
Beg Sounds, CVC Middle, Ending Sounds Dice Games. \$9.00 · In stock. Product details. LOW  
PREP!!! Print the mats, grab a dice and you're ready to go! How to play ...

The University of Texas at Austin  
https://coastal.beg.utexas.edu/surfacecasing  
**RRC Drilling Insight and Casing Estimator (DICE)**  
Railroad Commission of Texas Drilling Insight and Casing Estimator (DICE) ... There are currently no items to display. BEG Logo. Zoom in. Zoom out. Show base ...

Q workshop  
https://q-workshop.com/ppq-dice-sets/cats-modern-d...

# Navigating to the Drilling Insight and Casing Estimator 4 of 4



Content Search

GO

RRC APPLICATIONS

ABOUT US ▾

RESOURCES ▾

FORMS

EVENTS ▾

COMPLAINTS

ACCIDENTS ▾

CONTACT US



## Groundwater Advisory Unit

(GAU)

The Groundwater Advisory Unit (GAU) provides Groundwater Protection Determinations for surface casing, underground injection and other underground activities. The GAU also processes SWR 101 Severance Tax Applications.

If you are an oil or gas operator in Texas, the Railroad Commission of Texas may require you to obtain a Groundwater Protection Determination (Form GW-2), which states the base of usable-quality groundwater and additional isolation zones that should be protected for a well or multiple wells within a specified area.

Please note that many of the recommendation letters issued by the GAU are applicable to wells within the area specified, such as a survey section, radius, or lease. If no area is specified, the letter applies to wells within 200 feet of the location coordinates. To save time and expense, consider using the "Search: All Applications" function of the online GW-1 system to find existing letters that may be applicable to your well. Recommendation letters (GW-2s) are not specific to an Operator, but rather apply to wells in a geographic location. Generally speaking, a GW-2 is valid for a period of 5 years from the date of issue, however, a RRC District Office may accept an older letter or require a more recent letter at their discretion.

Note also that many of our letters may be used for several purposes in common, such as those for New Production Well, Plug and Abandon, Recompletion, and Disposal/Injection Well Pressure Test (H-5). GW-2 letters issued for Test on Inactive Well (H-15) fluid level tests may be used for plugging purposes **except for those H-15 purpose letters that provide a general deepest groundwater depth over a large area and are expressly limited to that purpose only**. These links show how to search for previously issued GW-2 letters and GW-2 examples. Please contact the GAU Unit if you are unsure if an existing letter may be used for your well or purpose.

### GAU LINKS

[Geologic Advisory Unit](#)

[GAU Payments](#)

[North Central Texas Area Groundwater Protection Determination](#)

[GAU Oil & Gas Waste Disposal Well Letter](#)

[GAU Determination for a Seismic Survey](#)

[Creating a Scaled Map](#)

[Using the RRC Public GIS Viewer](#)

[Submitting Well Logs Online](#)

[Instructions for Completing Form GW-1](#)

[Researching Groundwater Protection Determinations and Data](#)

### SURFACE CASING ESTIMATION

[Drilling Insight and Casing Estimator \(DICE\)](#)

# Drilling Insight and Casing Estimator Homepage



[About](#) [Research](#) [Publications](#) [People](#) [News](#) [Outreach](#) [Presentations](#) [Search](#)

[Home](#)

## Drilling Insight and Casing Estimator (DICE)

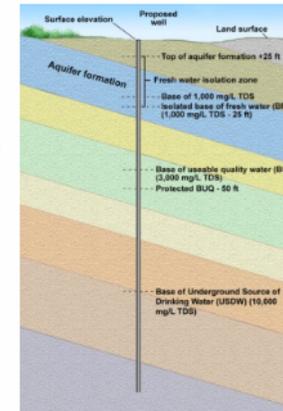
This web site provides operators with an estimate of casing depths to assist in obtaining the [Groundwater Protection Determination Letter \(pdf\)](#).

**All estimates derived from this Web site must be verified by the RRC Groundwater Advisory Unit Team and final recommendations will be provided in the Groundwater Protection Determination Letter.**

Railroad Commission of Texas regulations require that anyone drilling for oil and gas or reentering an existing oil and gas well must have a plan for the well design that is approved by the RRC. Part of the plan must include use of surface casing and cement to protect fresh water (generally a salinity of less than 1000 mg/l TDS) and useable quality water (generally a salinity of less than 3000 mg/l TDS). Surface casing also helps protect the well from caving in and blowing out.

The well operator must have a letter from the RRC Groundwater Advisory unit, which is then provided to the RRC, which outlines where fresh and useable-quality water is located. The RRC uses the recommendations in the Groundwater Protection Determination Letter for designing well requirements.

For a full explanation of the procedures and available resources for obtaining the Groundwater Protection Determination Letter, please visit the [RRC Groundwater Advisory Unit page](#) that includes sample application forms, surface casing rules, expedited application procedures, and contact information.



Click Here

To acquire surface casing information, click the map below:



[Go to the Drilling Insight and Casing Estimator \(DICE\) >](#)

This site is prepared in cooperation with the Railroad Commission of Texas and was financed through funds from the Railroad Commission of Texas and the Texas Commission on Environmental Quality.

Effective September 1, 2011, the Drilling Insight and Casing Estimator (DICE) project is coordinated through the RRC Groundwater Advisory Unit. Prior to September 1, 2011, the Drilling Insight and Casing Estimator (DICE) project was coordinated through the Texas Commission on Environmental Quality.

# Drilling Insight and Casing Estimator Default Layers

**Drilling Insight and Casing Estimator (DICE)**

**Layer Control Panel:**

- Logged Well
- Oil and Gas Wells
- Original Texas Land Survey
- County Boundaries
- Casing Data Available
- Log Scanning Completed
- Alerts
- Geologic Atlas of Texas Faults
- TWDB Groundwater TDS Database
- TWDB Minor Aquifers
- TWDB Major Aquifers

**Map Labels:**

- Colorado Plateau
- San Francisco Plateau
- Arizona
- Phoenix
- Tucson
- Heramosillo
- Gulf of California
- Chihuahua
- Reón
- Monterrey
- Edwards Plateau
- San Antonio
- Austin
- Houston
- Louisiana
- Baton Rouge
- New Orleans
- Mississippi
- Jackson
- Arkansas
- Little Rock
- Memphis
- Ozark Plateau
- Ouachita Mountains
- Oklahoma
- Tulsa
- Oklahoma City
- Amario
- Waggoner Ranch
- Known Casing Depth
- Restricted Area
- Drilling Permit Required
- Captain Ranch
- Dallas
- Midland
- Lubbock
- San Jose
- San Antonio
- Houston
- Monterrey

**Map Information:**

- DD 28.273452°N, 088.242773°W
- 200 km / 100 mi
- Esri, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS
- BUREAU OF ECONOMIC GEOLOGY
- Powered by Esri



# Drilling Insight and Casing Estimator Alert Layer

**Drilling Insight and Casing Estimator (DICE)**

**Alerts Legend:**

- Alerts
- Alert Areas
- Alert
- Aquifer
- Gas Storage
- Salt Dome
- Salt Bed/Cavern
- Salt diapir below contour
- Salt pillow

**Alert Area Details**

Alert Area Type	Aquifer
Name	Capitan Reef Restricted Area
More Information at RRC	
Comment	The Capitan Reef Complex Aquifer is a minor aquifer of Texas located in Culberson, Hudspeth, Jeff Davis, Brewster, Pecos, Reeves,

Geologic Atlas of Texas Faults

TWDB Groundwater TDS Database

TWDB Minor Aquifers

TWDB Major Aquifers

DD 34.169177°N, 106.563808°W

100 km / 50 mi

BUREAU OF ECONOMIC GEOLOGY

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# Drilling Insight and Casing Estimator Survey Layer

Drilling Insight and Casing Estimator (DICE)

Logged Well

Oil and Gas Wells

**Original Texas Land Survey**

County Boundaries

Casing Data Available

Log Scanning Completed

Alerts

Geologic Atlas of Texas Faults

TWDB Groundwater TDS Database

Zoom to 1 of 2

**Survey Information**

Abstract Number	A-1099
Survey Name	PSL
Block/League/Portion	B17
Section/Labor/Share	14
Grantee	MC KNIGHT, M B

DD 31.481317°N, 102.887304°W

5 km  
2 mi

NASA, NGA, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Powered by Esri



# Drilling Insight and Casing Estimator Groundwater Pick Layer

**Drilling Insight and Casing Estimator (DICE)**

**View Q-Log**

Permanent Datum:	
Log Measured From:	
Drilling Measured F	
Date	
Run No.	
Depth—Driller	
Depth—logger	
Btm. Log Interval	
Top log Interval	
Casing—Driller	
Casing—logger	
Bit Size	
Type Fluid in Hole	
Dens.	Visc.
PH	Fluid Loss
Source of Sample	
R <sub>m</sub> @ Meas. Temp.	
R <sub>ml</sub> @ Meas. Temp.	
R <sub>mc</sub> @ Meas. Temp.	
Source: R <sub>ml</sub>	R <sub>mc</sub>
R <sub>m</sub> @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equip. Location	
Recorded By	
Witnessed By	

Cancel **Download Original**

Powered by Esri





# County Boundary Layer

**Drilling Insight and Casing Estimator (DICE)**

- Logged Well
- Oil and Gas Wells
- Original Texas Land Survey
- County Boundaries**
- Casing Data Available
- Log Scanning Completed
- Alerts
- Geologic Atlas of Texas Faults
- TWDB Groundwater TDS Database
- TWDB Minor Aquifers
- TWDB Major Aquifers

Map showing County Boundaries and other layers. The map displays the state of Texas with county boundaries highlighted in black. Major cities and geographical features are labeled, including the Colorado Plateau, Rio Grande, Canadian River, and Gulf of California. A scale bar indicates 200 km and 100 mi. The map is powered by Esri.

DD 25.410043°N, 110.744685°W

Esri, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

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Powered by Esri

# Surface Fault Layer

 **Drilling Insight and Casing Estimator (DICE)**

Logged Well ⓘ

Oil and Gas Wells ⓘ

Original Texas Land Survey ⓘ

County Boundaries ⓘ

Casing Data Available

Log Scanning Completed

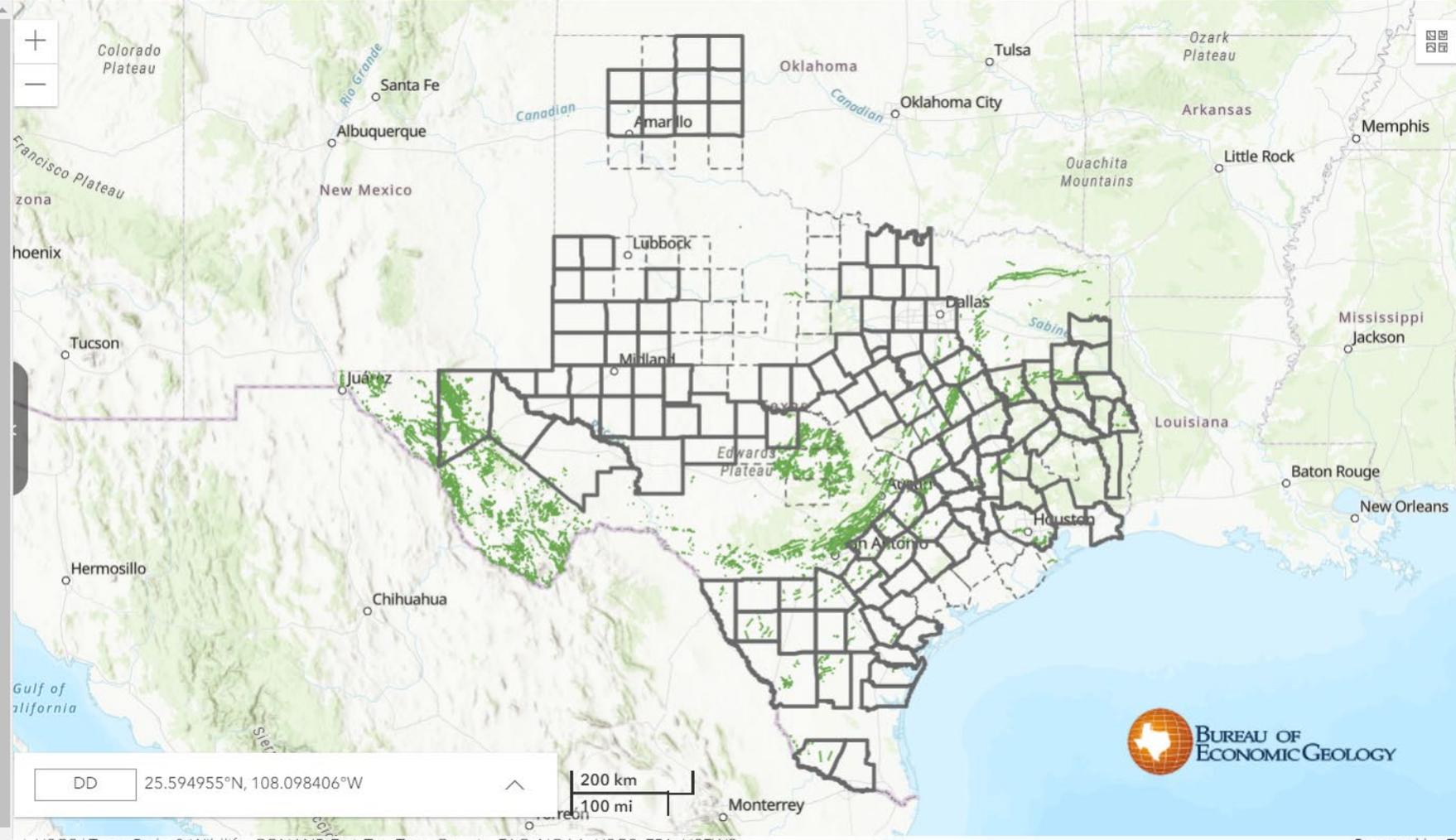
Alerts ⓘ

**Geologic Atlas of Texas Faults** ⓘ

TWDB Groundwater TDS Database ⓘ

TWDB Minor Aquifers ⓘ

TWDB Major Aquifers ⓘ



DD 25.594955°N, 108.098406°W

200 km  
100 mi

Powered by Esri

# TWDB Groundwater TDS Database Layer



Drilling Insight and Casing Estimator (DICE)



Logged Well

Oil and Gas Wells

Original Texas Land Survey

County Boundaries

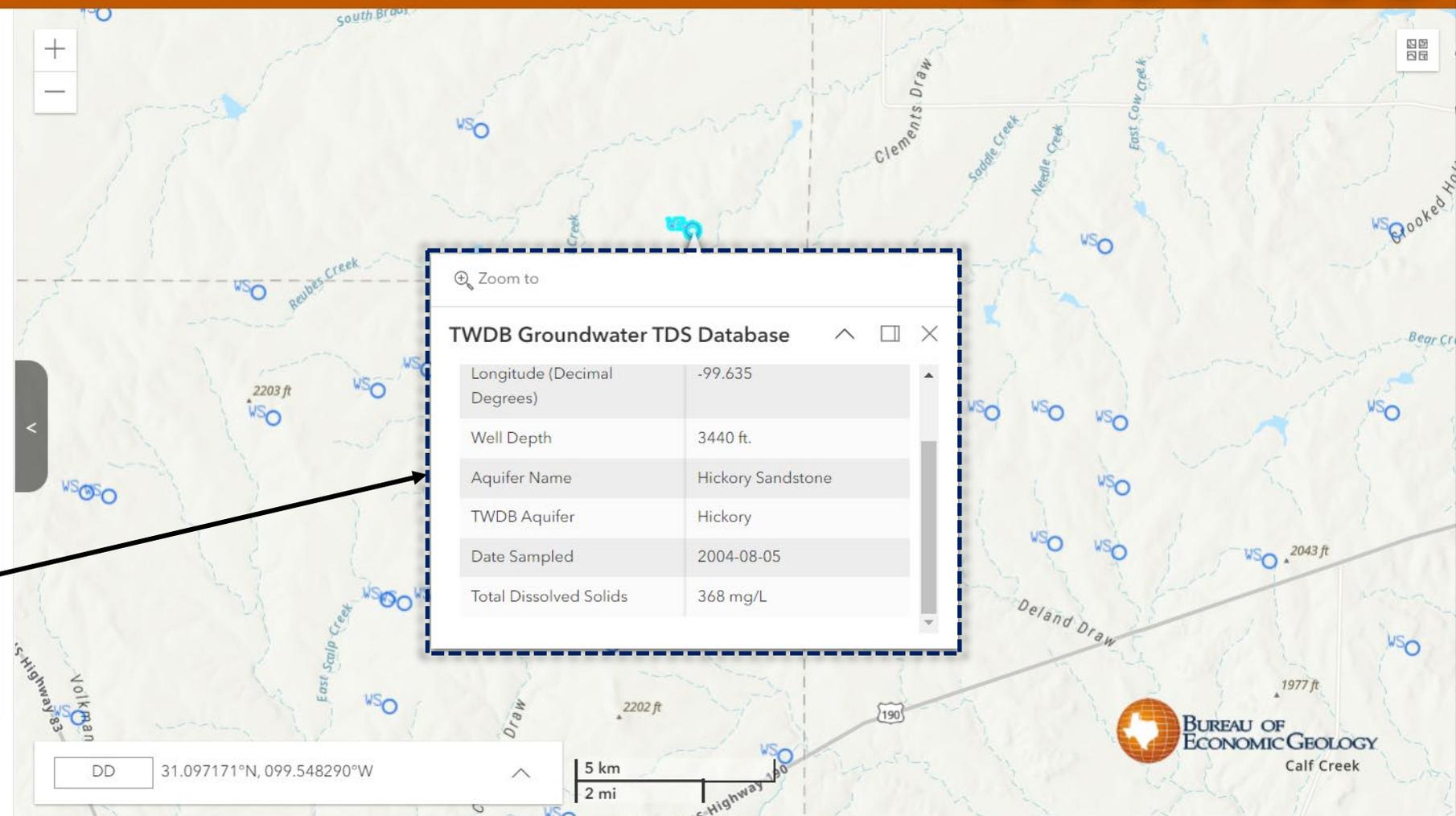
Alerts

Geologic Atlas of Texas Faults

TWDB Groundwater TDS Database

TWDB Minor Aquifers

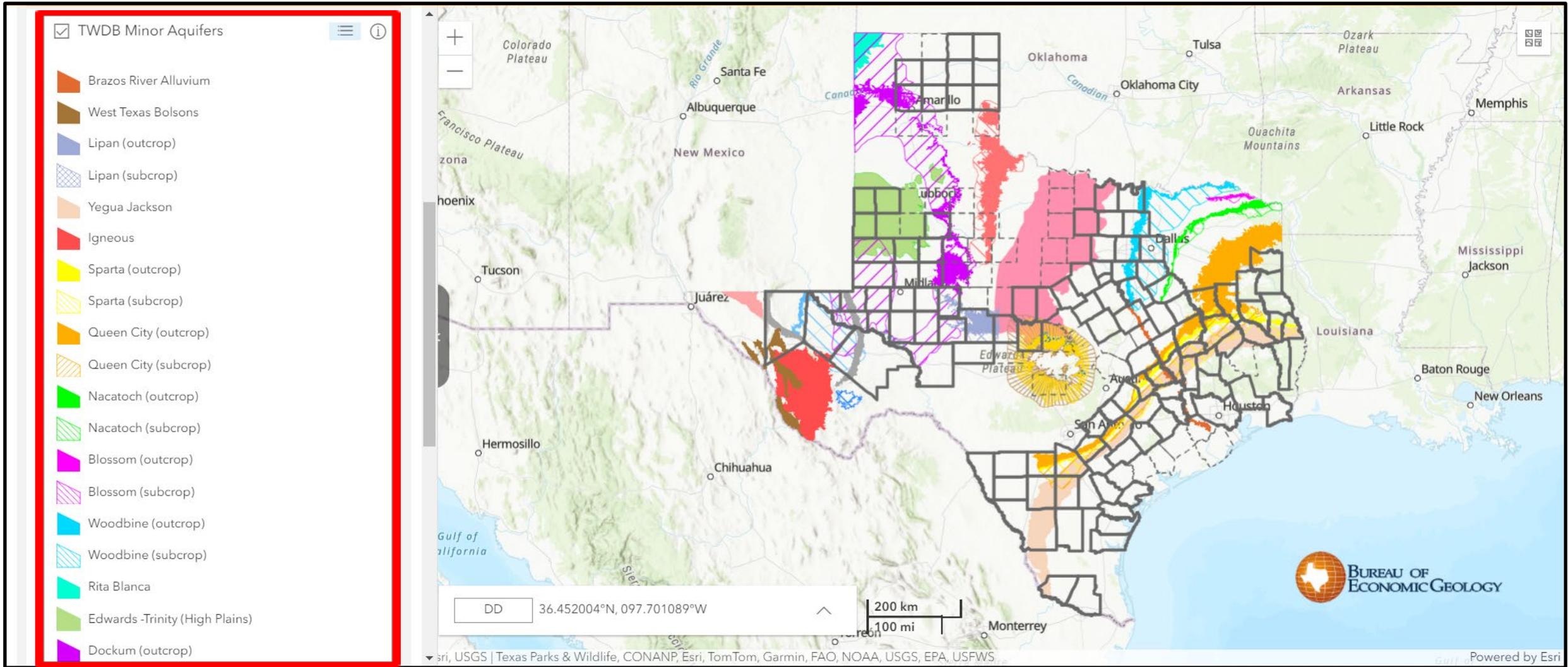
TWDB Major Aquifers



DD 31.097171°N, 099.548290°W



# Minor Aquifers of Texas Layer



# Major Aquifers of Texas Layer

 Drilling Insight and Casing Estimator (DICE)

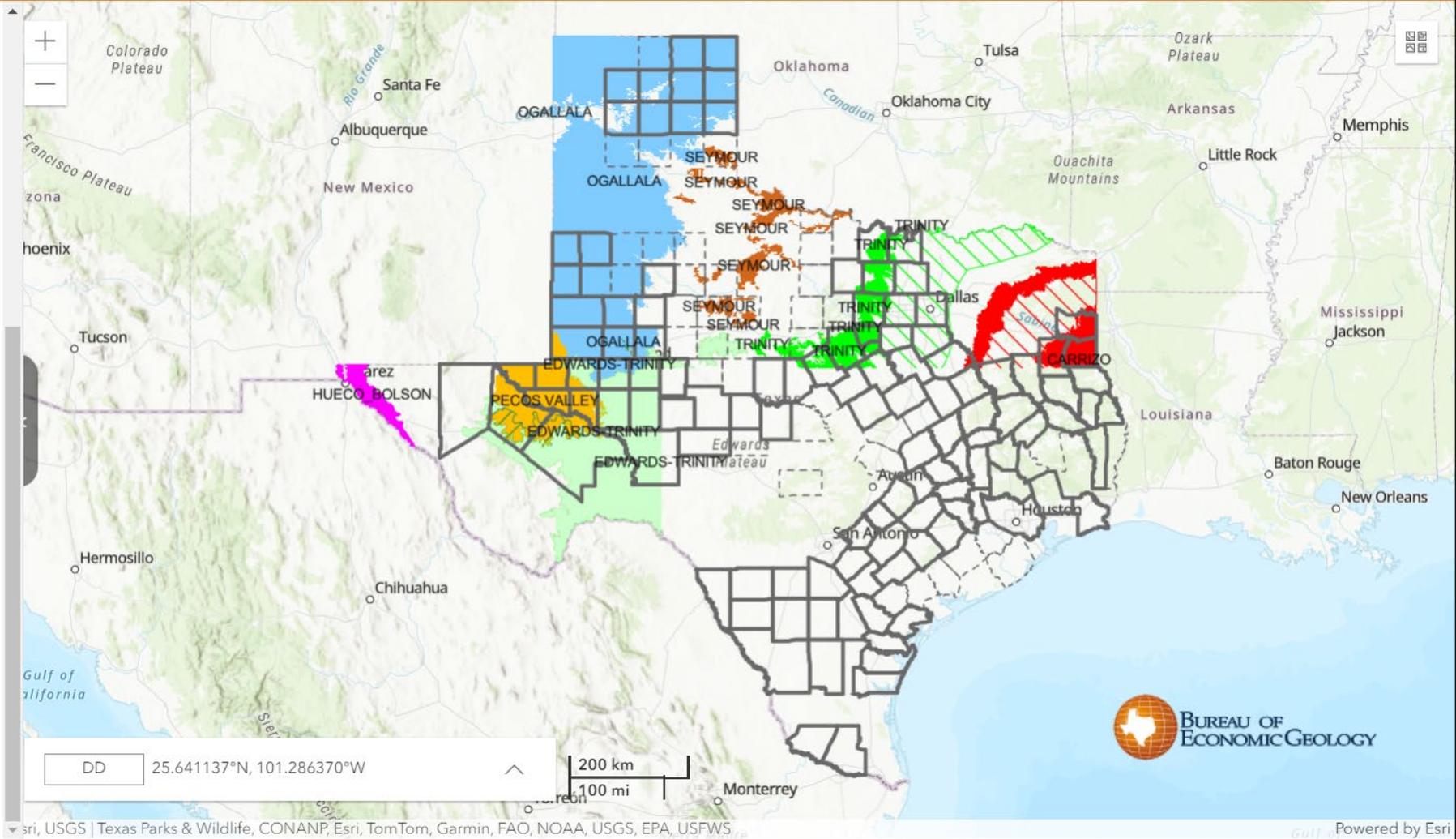


TWDB Groundwater TDS Database

TWDB Minor Aquifers

TWDB Major Aquifers

-  Pecos Valley
-  Seymour
-  Gulf Coast
-  Carrizo - Wilcox (outcrop)
-  Carrizo - Wilcox (subcrop)
-  Hueco - Mesilla Bolson
-  Ogallala
-  Edwards - Trinity Plateau (outcrop)
-  Edwards - Trinity Plateau (subcrop)
-  Edwards BFZ (outcrop)
-  Edwards BFZ (subcrop)
-  Trinity (outcrop)
-  Trinity (subcrop)



# Using the Casing Depth Tool

**Drilling Insight and Casing Estimator (DICE)**

Logged Well

Oil and Gas Wells

Original Texas Land Survey

County Boundaries

Casing Data Available

Log Scanning Completed

Alerts

Geologic Atlas of Texas Faults

TWDB Groundwater TDS Database

**Casing Query Result**

Well Casing Result	
Longitude	-95.60722
Latitude	29.75356
Ground Elevation	82 ft.
Aquifers	Gulf Coast Aquifer
Base of Fresh Water Isolation Zone	1565' Depth (1483' Below MSL)

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# Casing Query Result

4/19/24, 2:09 PM

RRC Drilling Insight and Casing Estimator (DICE)

## Well Casing Result

<b>Longitude</b>	-95.60722
<b>Latitude</b>	29.75356
<b>Ground Elevation</b>	82 ft.
<b>Aquifers</b>	Gulf Coast Aquifer
<b>Base of Fresh Water Isolation Zone</b>	1565' Depth (1483' Below MSL)
<b>Protected Base of Usable Quality Water (BUQW)</b>	2470' Depth (2389' Below MSL)
<b>Base of USDW</b>	2945' Depth (2864' Below MSL)

The base of the Fresh Water is estimated to occur at a depth of 1565 feet (1483 feet Below MSL).

The base of the Usable Quality Water is estimated to occur at a depth of 2470 feet (2389 feet Below MSL).

The USDW (10,000 ppm TDS) is estimated to occur at a depth of 2945 feet (2864' Below MSL).

Note: This is an approximate recommendation and is subject to confirmation by a [RRC Groundwater Advisory Unit](#) (formerly TCEQ Surface Casing) geologist. An isolation buffer zone was used locally for USDW estimates. Surface casing query tool results are not applicable for salt structures at this time.

# Casing Query Result w/ Warning Notice(s)

4/19/24, 2:30 PM RRC Drilling Insight and Casing Estimator (DICE)

Well Casing Result	
Longitude	-99.72083
Latitude	28.30821
Ground Elevation	614 ft.
Aquifers	Carrizo and Wilcox
Top of Carrizo isolation interval	1175' Depth (561' Below MSL)
Bottom of fresh water isolation interval	1633' Depth (1019' Below MSL)
Protected Base of Usable Quality Water (BUQW)	1966' Depth (1352' Below MSL)
Base of USDW	2765' Depth (2150' Below MSL)

The Carrizo isolation interval occurs from a depth of 1175 feet (561 feet Below MSL) to 1633 feet (1019 feet Below MSL).

The base of the Usable Quality Water is estimated to occur at a depth of 1966 feet (1352 feet Below MSL).

The USDW (10,000 ppm TDS) is estimated to occur at a depth of 2765 feet (2150' Below MSL).

Protect to the Base of Glen Rose if encountered.

Injection wells have additional requirements for isolation from Base of Usable-Quality water (BUWQ) and Underground Source of Drinking Water (USDW). In cases where the depth to BUWQ/USDW is not indicated consult the Groundwater Advisory Unit (GAU) at 512-463-2741. For a more detailed description of the H-1/W-14 forms requirement for underground injections click [here](#).

Note: This is an approximate recommendation and is subject to confirmation by a [RRC Groundwater Advisory Unit](#) (formerly TCEQ Surface Casing) geologist. An isolation buffer zone has not been included in these recommendations. Surface casing query tool result(s) are not

[https://coastal.beg.utexas.edu/surfacecasing/casing/28\\_308213626596043/-99\\_72082903778283](https://coastal.beg.utexas.edu/surfacecasing/casing/28_308213626596043/-99_72082903778283) 1/2

4/19/24, 2:30 PM RRC Drilling Insight and Casing Estimator (DICE)

applicable for salt structures at this time.

# Full Extent Button

**Drilling Insight and Casing Estimator (DICE)**

Map showing Texas with various regions highlighted: Amarillo, Waggoner Ranch, Known Casing Depth, Restricted Area, Drilling Permit Required, and Captain Ranch. Green dots are scattered across the eastern part of Texas.

Coordinates: DD 36.066541°N, 116.468442°W

Scale: 200 km, 100 mi

BUREAU OF ECONOMIC GEOLOGY

Esri, USGS | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS

Powered by Esri

# Go to Latitude/Longitude Button

The screenshot displays the 'Drilling Insight and Casing Estimator (DICE)' application interface. The top toolbar contains several icons, with the 'XY' icon highlighted by a yellow dashed box and a yellow arrow pointing to it. A dialog box titled 'Go to Latitude/Longitude' is open in the center of the map, containing the following information:

Latitude	Longitude
29.508766090498156	-97.6245797891174

Below the table are 'Ok' and 'Cancel' buttons. The map background shows the state of Texas with county boundaries and labels for Fayette, Caldwell, Guadalupe, and Lavaca counties. A status bar at the bottom left shows coordinates: DD 29.810631°N, 097.048102°W. The bottom right corner features the 'BUREAU OF ECONOMIC GEOLOGY' logo and the text 'Powered by Esri'.

# Go to County Button

Drilling Insight and Casing Estimator (DICE)

Go to County

- ANDERSON
- ANDREWS
- ANGELINA
- ATASCOSA
- AUSTIN
- BASTROP
- BEE
- BORDEN
- BOSQUE
- Cancel

Esri, NASA, NGA, USGS, FEMA | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

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# Find Wells by API Button

**RRC** Drilling Insight and Casing Estimator (DICE)

Find Well by API Number

API Number

Note: RRC uses 8 digit API numbers, omitting the leading 42. Ex: 25112345

Find Cancel

Map labels: A-104 BIBB, R; A-261 HENDRICKS, S; A-228 GATES, S H; A-184 DILLARD, D B; A-310 KIRKPATRICK, J D; A-305 KELSEY, L; A-320 LOCKHART, A; A-162 CONLEY, S B; A-37 LOCKHART, B; A-178 DAVIS, T; County Road 206; County Road 194; County Road 298; County Road 192; County Road 289; Brushy Creek; Five Mile Creek; Salty Flats; 292 ft; 294 ft; 293 ft; DD 29.354898°N, 097.426662°W; 1,000 m; 2,000 ft; BUREAU OF ECONOMIC GEOLOGY; Powered by Esri

# Frequently Asked Questions

## Frequently Asked Questions

**This application says that there are scanned logs from a county where no well markers are shown. How can I get access to these scans?**

To access scanned logs from counties where interpretation has not yet been completed, you will need to contact the [Railroad Commission Groundwater advisory unit](#).

**What is the coordinate system used in the exported pick data?**

Data are exported in the WGS84 (EPSG 4326) coordinate system.

**Can I download the full underlying data from this application?**

No. The data used to generate this application's recommendations are arranged in such a way that they are not usable without the application to provide context. As such, they are not made available for download by members of the public. The application does provide a means of downloading a subset of those data in a more user-friendly format by using the "area of interest" tool.

**What do the "SWR 101 Area Designation Polygons" layers represent?**

The reduction or elimination of state severance taxes provides an economic incentive to operators to undertake activities that produce oil and gas resources that otherwise might remain unrecovered. Texas recognized back in the late 1980's that incentives to increase the state's oil and gas production were extremely valuable. Economic studies have shown that for each dollar invested in the oil and gas industry and for each dollar of production, there is a positive

Ok

# Drilling Insight and Casing Estimator

Questions?

# Contact Information

[royce.masse@rrc.texas.gov](mailto:royce.masse@rrc.texas.gov)

Phone: 512-463-6921