

State of Texas Submitted Drillers Reports Database (SDR):

a cooperative database between the Texas Department of Licensing and Regulation (TDLR) & the Texas Water Development Board (TWDB)

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Background

- Well Reports & Plugging Reports
 - Chapter 1901.251
- Began data collection in 2001, fully implemented in 2003
- Well Reports previous to 2003 available at the Texas Commission on Environmental Quality (TCEQ) Water Well Map Viewer



TDLR Statutes and Rules

- WATER WELL DRILLERS/PUMP INSTALLERS
 - Occupations Code Title 12. Practices and Trades Related to Water, Health, and Safety Chapter 1901 & 1902
 - 16 Texas Administrative Code, Chapter 76 Administrative Rules



Data Required by Statute

The well log shall be recorded at the time of drilling, deepening, or otherwise altering the well and must contain:

1. the depth, thickness, and character of the strata penetrated;
2. the location of water-bearing strata;
3. the depth, size, and character of casing installed; and
4. any other information required by rules adopted by the commission.



Software Platforms

- Microsoft SQL Server 2012
- Texas Well Report Submission and Retrieval System (TWRERS)
 - Sencha
- Dissemination:
 - SQL Server Reporting Services
 - SQL Server Integration Services
 - ESRI Mapping



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Integration

- Several databases can reference SDR wells:
 - USGS Groundwater Information System
 - TWDB Groundwater Database*
 - TWDB Brackish Resources Aquifer Characterization System (BRACS)
 - TCEQ Public Water Supply Database
 - Groundwater Conservation District (GCD) databases
 - Owner/Cooperator databases

*links to other databases



Challenges

- Time and resources for development and maintenance
- Several agencies interact with the data
- Organization of dissemination tools
- Identifying the same wells across several databases
- Data entry application security
- Backlog of submitted paper forms



SDR Reports and Downloads

<http://www.twdb.texas.gov/groundwater/data/drillersdb.asp>

The screenshot shows the Texas Water Development Board website. The header includes the logo and navigation links: Home, Board, SWIFT, Financial Assistance, Water Planning, Groundwater (highlighted), Surface Water, Flood, Conservation, and Innovative Water. A search bar and social media links are also present.

Submitted Drillers Reports (SDR) Database

The Submitted Drillers Report (SDR) Database is populated from the online Texas Well Report Submission and Retrieval System (TWRSSRS) which is a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application that registered water-well drillers use to submit their required reports. This system was started 2/5/2001 and began collecting all reports in 2003. **Be aware that the locations of the wells in this database are not verified by State staff and may be inaccurate. Added Proposed Use: Fracking Supply in February 2011.**

Reports that drillers submitted by mail before the inception date are not included in this database, but are available for access at the [Texas Commission on Environmental Quality \(TCEQ\) Water Well Report Viewer](#).

★ **Licensed Water Well Drillers - see bottom of page**

Reports and Downloads

Reports are designed to view a select set of information in the SDR database, not for viewing all records in the database. Reports allow the user to select or enter certain information to obtain well records for that specific criteria. There is an option to export the reports to several different formats. To get the entire SDR database, go to the Downloads section below.

Reports

[Well Reports Search by Map](#)
Use the TWDB Water Data Interactive (WDI) Groundwater Data Viewer to search for well reports. Click "Groundwater" at the top of the page to view other groundwater

- Aquifers
- Groundwater Management Areas
- Groundwater Conservation Districts
- Groundwater Data
 - Numbered Reports
 - Bulletins
 - Historical Groundwater Reports
 - Automated Groundwater Level Wells
 - Groundwater Database (GWDB)
 - Submitted Drillers Reports (SDR) Database**
 - Water Data Interactive (WDI) Groundwater Data Viewer
- Groundwater Models
- Groundwater Educational Videos
- Regional Water Planning Areas
- Special Projects
- Rules and Statutes
- Frequently Asked Questions



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http://www2.twdb.texas.gov/ReportServerExt/Pages/ReportViewer.aspx?%2fSDR%2fWellRpt... Groundwater Dat... Groundwater Dat... RecordOfWellsAd... WellRpts_Adv...

Drilling Date Range: From ☒ NULL Drilling Date Range: To ☒ NULL

Owner Name Well Address

County Well City

Well Zip License Number

Driller Name Drilling Company

Grid Number Proposed Use

Well Report Tracking Number

1 of 23 100% Find | Next

Submitted Drillers Reports - Well Reports

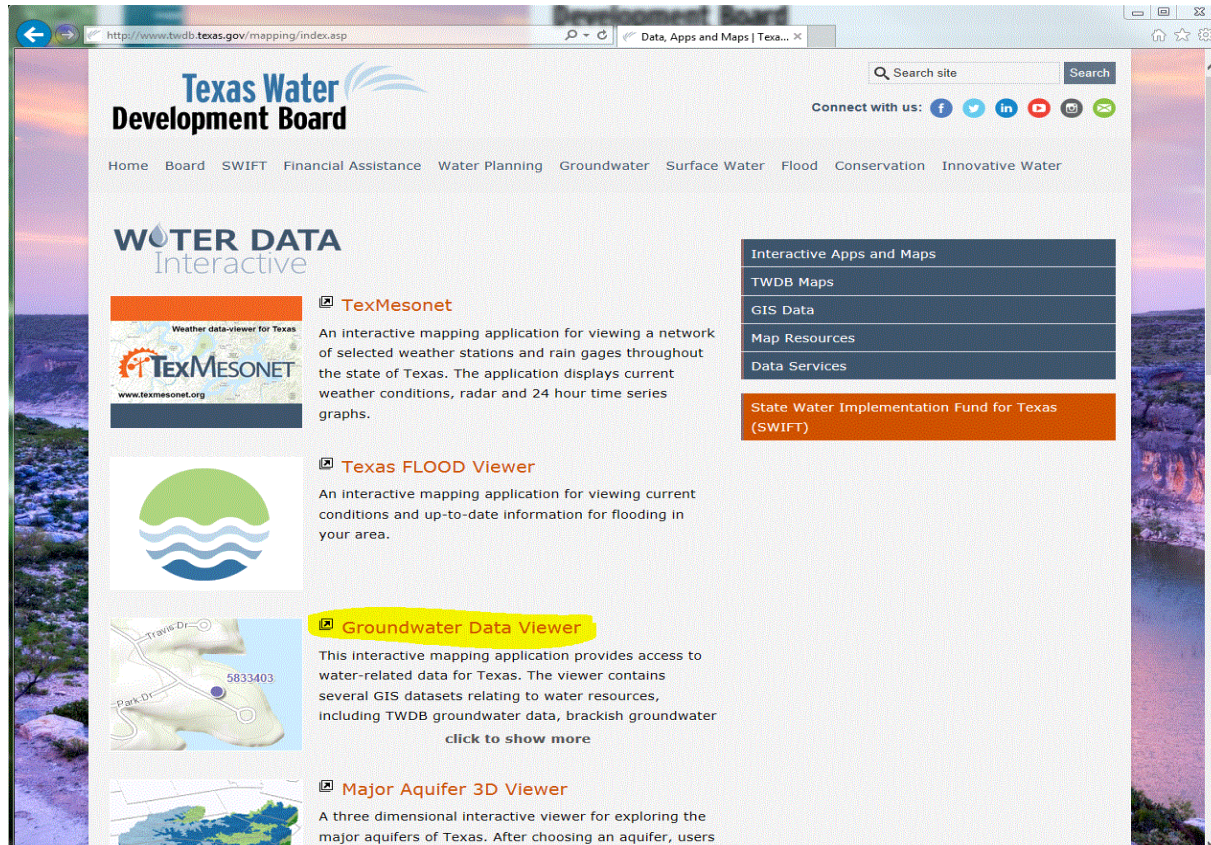
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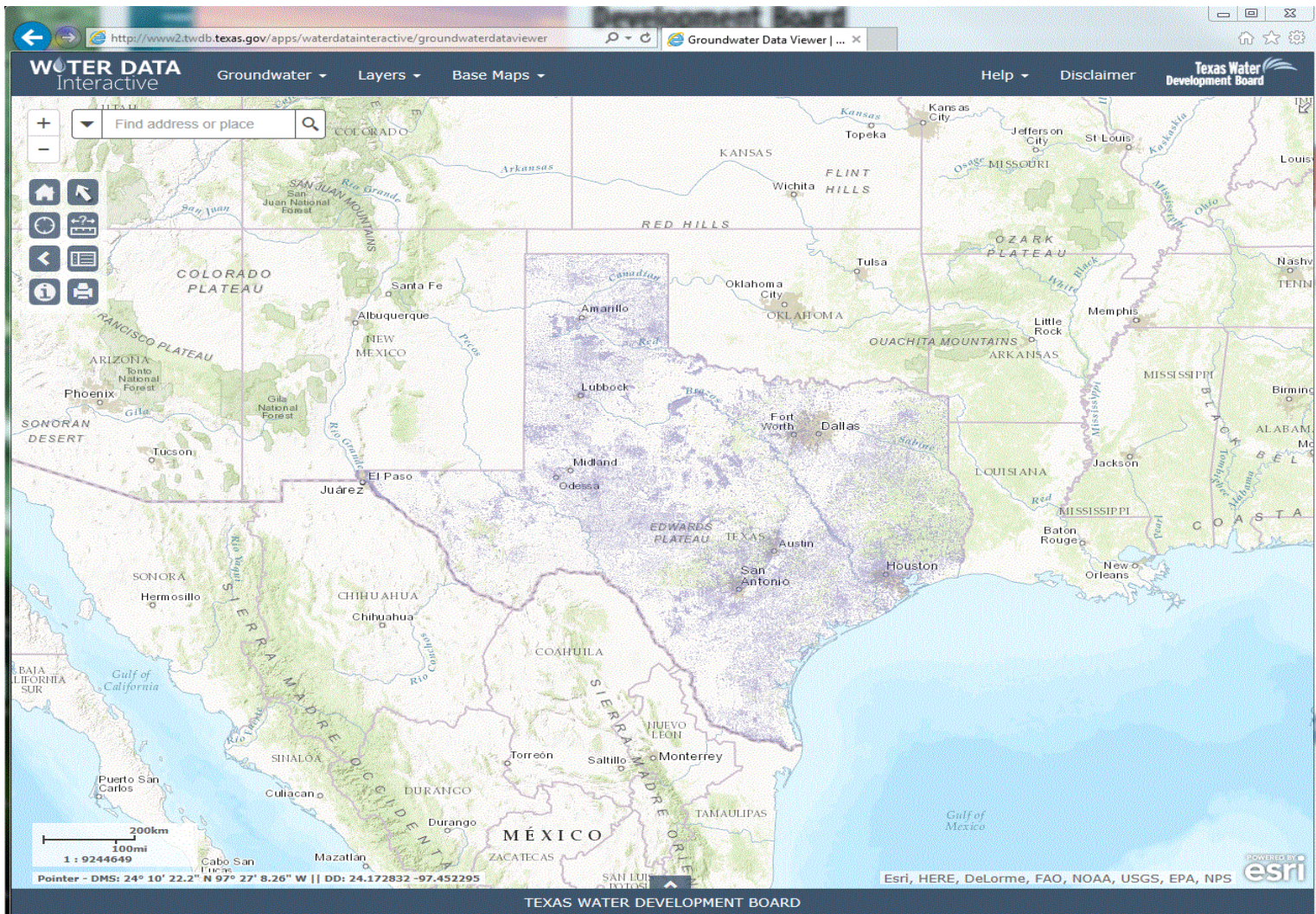
Well Report Tracking Number	Type Of Work	Proposed Use	Owner Name	County	Well Address	Latitude DD	Longitude DD	Grid Number	Drilling Start Date	Drilling End Date	Borehole Depth (ft.)	Driller Name	Drilling Company	Lic Nu
438549	New Well	Domestic	Tammy Hickman	Aransas	623 Rabbit Run Road, Aransas Pass, 78336	27.9450000	-97.1369440	83-07-6	12/6/2016	12/7/2016	182	Michael Roy Deyo	Mikes Drilling and Pump Service	
438275	New Well	Domestic	Arthur Barragan	Aransas	1002 W Corpus Christi St, Rockport, 78382	28.0155560	-97.0744440	79-64-8	12/1/2016	12/2/2016	158	Michael Roy Deyo	Mikes Drilling and Pump Service	
437601	New Well	Domestic	Dana Wilson	Aransas	489 Bee Rd, Rockport, 78382	27.9888890	-97.1211110	83-08-1	11/17/2016	11/21/2016	176	Michael Roy Deyo	Mikes Drilling and Pump Service	
436153	New Well	Domestic	Bill McCall	Aransas	2191 Mundine Rd, Aransas Pass	27.9673330	-97.1325560	83-07-3	9/29/2016	9/29/2016	150	Scott D Carter	CARTER WATER WELL DRILLING	
436119	New Well	Domestic	Chris Anderson Boat Lodge	Aransas	1941 A1 Hil Rd, Aransas Pass, 78336	27.9619440	-97.1302780	83-07-3	10/26/2016	10/28/2016	187	Michael Roy Deyo	Mikes Drilling and Pump Service	
436098	New Well	Domestic	James Elder	Aransas	1602 W 4th St., Rockport	28.0123610	-97.0821670	79-64-8	9/28/2016	9/28/2016	180	Scott D Carter	CARTER WATER WELL DRILLING	
436095	New Well	Domestic	Dias Construction Company	Aransas	23 Osprey Dr, Rockport	28.1093330	-97.0431390	79-64-2	9/23/2016	9/23/2016	200	Scott D Carter	CARTER WATER WELL DRILLING	
436063	New Well	Domestic	Daniel Phillips	Aransas	1218 W Moore Ave, Aransas Pass, 78336	27.9325000	-97.1425000	83-07-6	10/25/2016	10/27/2016	168	Michael Roy Deyo	Mikes Drilling and Pump Service	
435955	New Well	Domestic	Sim Henry	Aransas	234 Coastal Wildwood Dr., Rockport	27.9851670	-97.1038330	83-08-1	9/12/2016	9/12/2016	180	Scott D Carter	CARTER WATER WELL	



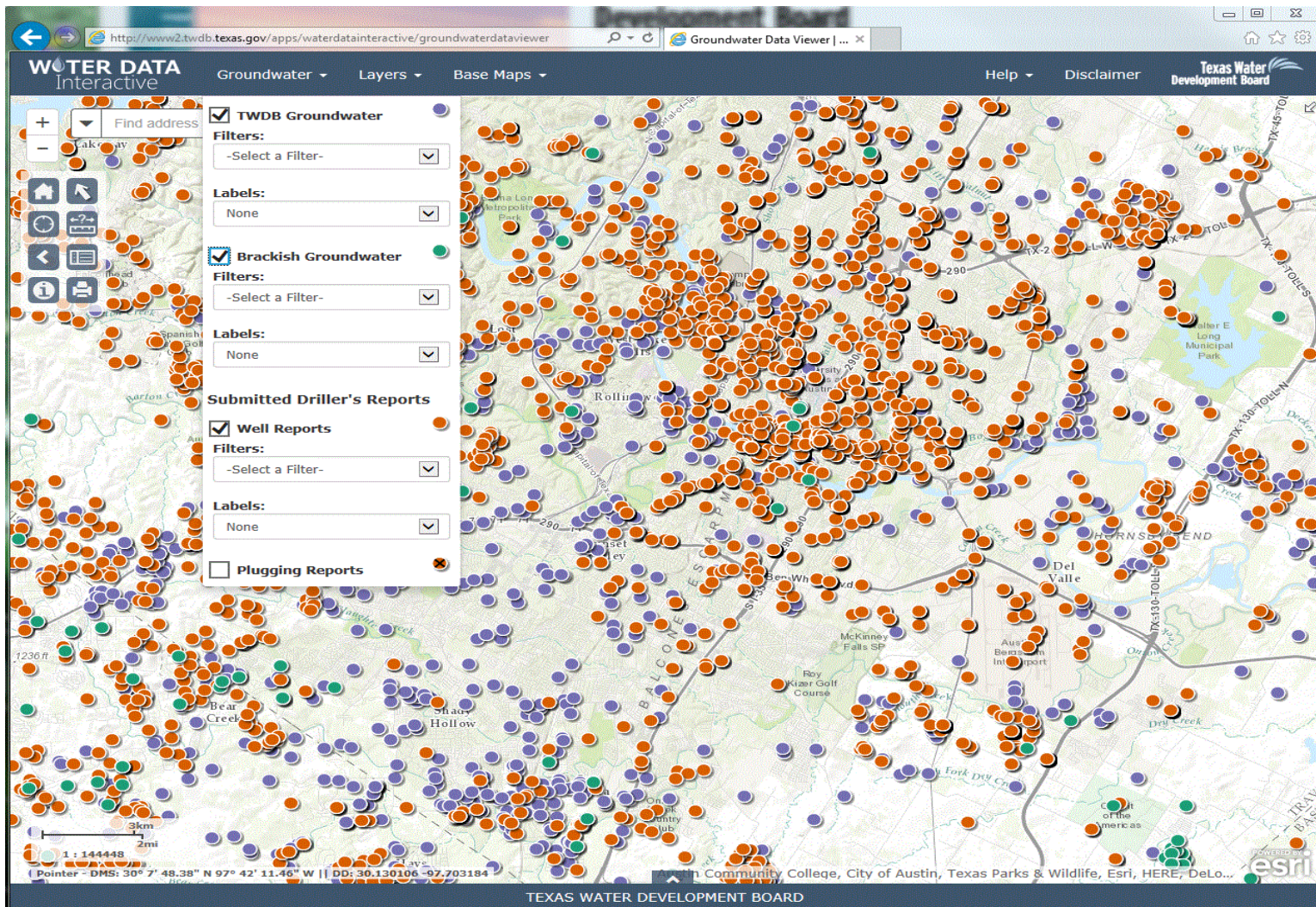
Water Data Interactive

<http://www.twdb.texas.gov/mapping/index.asp>





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