

MIDDLE PECOS GROUNDWATER CONSERVATION DISTRICT

Comments on Identifying and Designating Local or Regional Brackish Groundwater Production Zones



Reminder: Request for Public Input on Brackish Groundwater Production Zones

The Texas Water Development Board (TWDB) seeks public input to identify and designate local or regional brackish groundwater production zones in areas of the state with moderate to high availability and productivity of brackish groundwater that can be used to reduce the use of fresh groundwater.

In 2015, the 84th Texas Legislature passed [House Bill 30](#) directing the TWDB to identify and designate brackish groundwater production zones in

- the portion of the Carrizo-Wilcox Aquifer located between the Colorado River and Rio Grande, the Gulf Coast Aquifer and sediments bordering that aquifer, the Blaine Aquifer, and the Rustler Aquifer (findings to be summarized in the biennial desalination report due to the legislature by December 1, 2016); and
- the remaining areas of the state unless otherwise exempted (findings to be summarized in biennial desalination reports due to the legislature no later than December 1, 2022).

In designating a brackish groundwater production zone, the TWDB will determine the amount of brackish groundwater that the zone is capable of producing over a 30-year period and a 50-year period without causing a significant impact to water availability or water quality in any area of the same (or other) aquifers that have an average total dissolved solids concentration of less than 1,000 milligrams per liter. The TWDB will also provide recommendations for reasonable monitoring to observe the effects of brackish groundwater production.

For this effort, the TWDB will work with groundwater conservation districts and stakeholders. The TWDB anticipates several opportunities for stakeholders to participate in the designation process: (1) the public meeting on October 26, (2) a to-be-determined meeting to discuss potential areas of further study for potential designations, (3) a review of the study on potential designations, and (4) an official TWDB Board meeting when the Board considers designations.

Comments on identifying and designating local or regional brackish groundwater production zones in areas of the state with moderate to high availability and productivity of brackish groundwater that can be used to reduce the use of fresh groundwater. Middle Pecos GCD Headquartered in City of Fort Stockton, Pecos County, Texas
Page 1 of 2

- MPGCD agrees state, regional and local economies depend upon reliable *long-term* water supplies to remain economically competitive. To ensure long-term water supplies, responsible and scientifically-informed water resource management and development are critical.
- Maybe some policymakers believe it's worth risking impairment of *unused* and *highly brackish* supplies by relaxing regulations on those aquifers. But we cannot risk relaxing current oversight by GCDs of aquifers that are *significantly relied upon* or that *interact with other freshwater or other heavily relied upon aquifers*, and that are ONLY BRACKISH FROM THE PERSPECTIVE OF SOME PEOPLE. Example: Edwards-Trinity and Pecos Valley aquifers (modeled as one unit by TWDB).
- It may make sense to relax regulations on potential new *unused* sources that have been *considered largely useless* for most purposes **until now**.
- Brackish water zones without groundwater management in Pecos County will increase – not reduce – pressure on our primary source of public water supply, agricultural and industrial water, which is 1,000-3500 TDS
- Most wells located within our 3 Management Zones (where most of our production occurs) produce 1,000-3,000 TDS groundwater. Those wells supply Pecos County, Pecos County Water Control & Improvement District No. 1, City of Fort Stockton, City of McCamey, Girvin, Cozanosa, Imperial and numerous pecan and other agricultural and industrial operations.
- All five TWDB-delineated aquifers exceed 1,000 TDS in many areas in the County. The Edwards-Trinity and Pecos Valley aquifers are our primary aquifers, which we have permitted 260,000+ acre feet per year. These aquifers are also the source for 2,000+ exempt domestic and livestock wells, estimated to produce 4,000+ acre feet per year. See our attached pumping exhibit#1.

Comments on identifying and designating local or regional brackish groundwater production zones in areas of the state with moderate to high availability and productivity of brackish groundwater that can be used to reduce the use of fresh groundwater. Middle Pecos GCD Headquartered in City of Fort Stockton, Pecos County, Texas
Page 2 of 2

- According to TWDB and USGS the Rustler and Capitan Reef Aquifers upwell into the Edwards Trinity/Pecos Valley Aquifer and supply recharge to most of our County. (See Exhibit#11and 12)
- MPGCD also encourages, with local management, the development of brackish groundwater for purposes other than human consumption. We have production/export permits in excess of 10,000 ac.-ft. per year for industrial user for water in the 3,500-6,000 TDS range.
- If DFCs do not apply to brackish groundwater production within brackish groundwater production zones, DFCs may be meaningless for the rest of the aquifer within Middle Pecos GCD because Middle Pecos GCD will not likely be able to achieve DFCs outside brackish groundwater production zones.
- There are many non-exempt producing wells in the northern portion of Pecos County that will develop issues with higher TDS, salt and sand production if “over produced”.
- Pecos County remaining springs are generally brackish ranging from 1,400 TDS to 27,000 TDS. Over production of our Aquifers through the years have caused most of our springs to go dry. The remaining springs we have would be considered brackish under your definition and could be adversely effected with production from a brackish zone(s) in Pecos County. The Diamond Y Spring is a federally protected spring and is believed to be producing from the Rustler Aquifer.
- Pecos County has over 1,000 Railroad Commission approved Injection wells. Mechanical failures have occurred jeopardizing our fresh water zones causing it to become “BRACKISH”. The oil and gas industry issues should be considered by TWDB when assessing these brackish groundwater production zones.
- Middle Pecos Groundwater Conservation District utilizes all available science from TWDB, TCEQ, USGS regarding fresh and brackish water. **“Local groundwater conservation districts (GCDs) are the state’s preferred method of groundwater management”**.

MIDDLE PECOS GROUNDWATER CONSERVATION DISTRICT
Desired Future Conditions (DFCs), Modeled Available Groundwater (MAGs), and Permitted and Actual Withdrawals
in Groundwater Management Areas (GMAs) 3 and 7

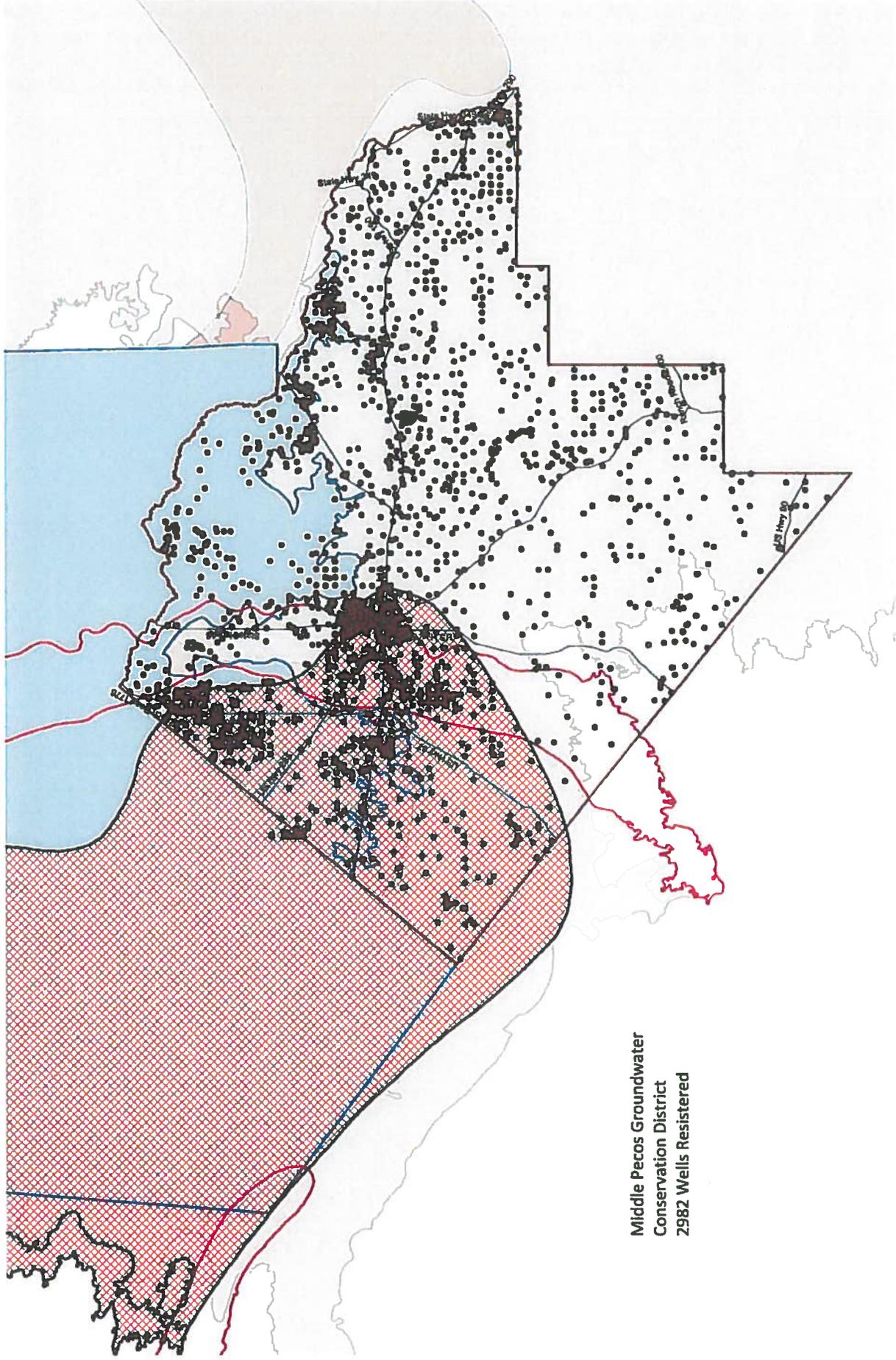
GMA 3						
AQUIFER	DFC (expressed in drawdown)	MAG	Permits-Authorized Amount	Permits-Actual Production	Estimated Exempt Production	
Pecos Valley/Edwards Trinity	28' GMA-wide; 12' in Pecos	122,734 a-f	145,316 a-f	86,166 a-f	530 a-f	
Capitan Reef	200'	1,361 a-f	8,525 a-f	564 a-f	0 a-f	
Dockum	27' GMA-wide; 47' in Pecos	13,962 a-f	0 a-f	0 a-f	0 a-f	
Rustler	300' in the confined area within Pecos, Reeves, Loving, Ward	3,466 a-f	1,475 a-f	1,475 a-f	0 a-f	

GMA 7						
AQUIFER	DFC (expressed in drawdown)	MAG	Permits-Authorized Amount	Permits-Actual Production	Estimated Exempt Production	
Edwards-Trinity	7' GMA-wide; 11' in Pecos	115,938 a-f	119,534 a-f	66,693 a-f	3,542 a-f	
Pecos Valley	7' GMA-wide; 11' in Pecos	1,488 a-f	0 a-f	0 a-f	0 a-f	
Capitan Reef	15' unconfined; 200' confined	9,761 a-f	2,417 a-f	1,787 a-f	0 a-f	
Dockum	4'	3 a-f	0 a-f	0 a-f	0 a-f	
Rustler	300'	7,042 a-f	7,291 a-f	6,527 a-f	0 a-f	

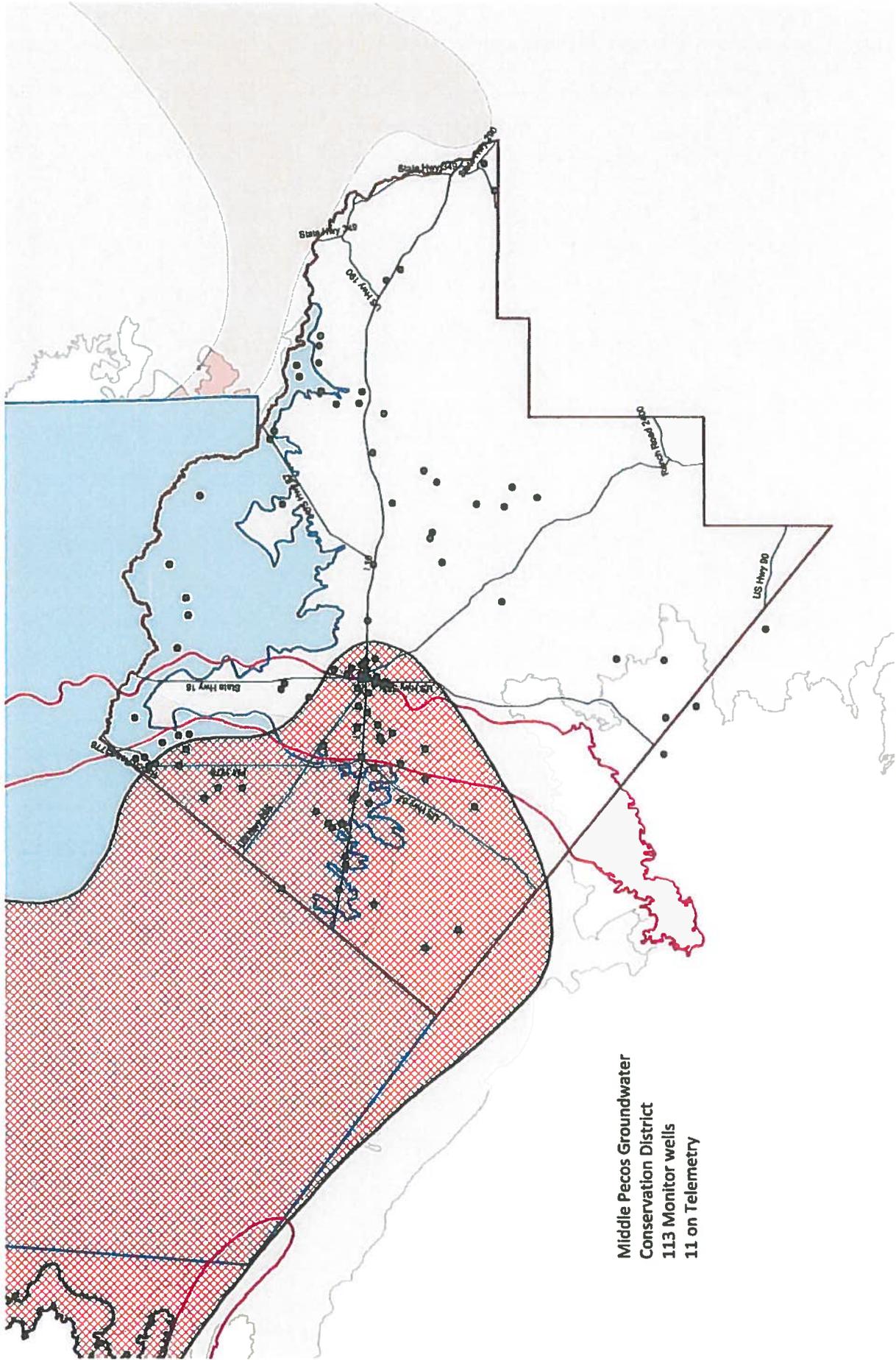
Exempt Wells: 2,043

Non-Exempt Wells: 913

Export Authorized Outside District Boundaries: 18,598 ac-ft per year



Middle Pecos Groundwater
Conservation District
2982 Wells Registered



Middle Pecos Groundwater
Conservation District
113 Monitor wells
11 on Telemetry

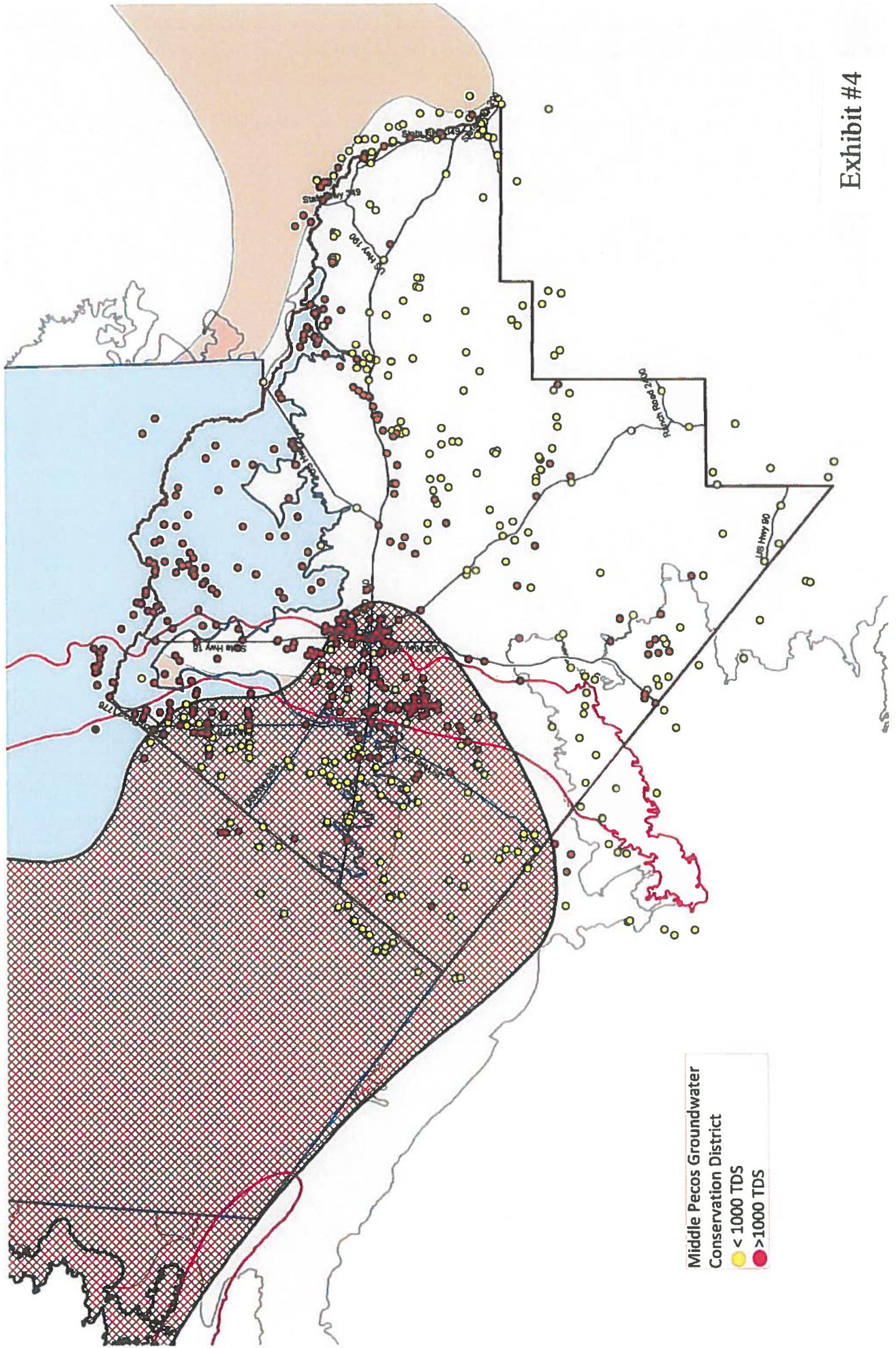
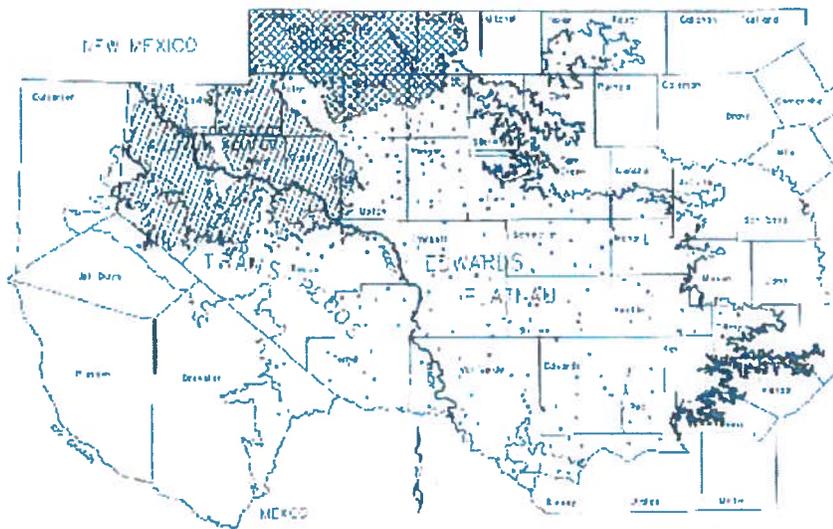


Exhibit #4

Water Quality in the Edwards-Trinity (Plateau) Aquifer, Edwards Plateau and Trans-Pecos, Texas



by
Janie Hopkins
1995

Exhibit #5



Texas Water Development Board

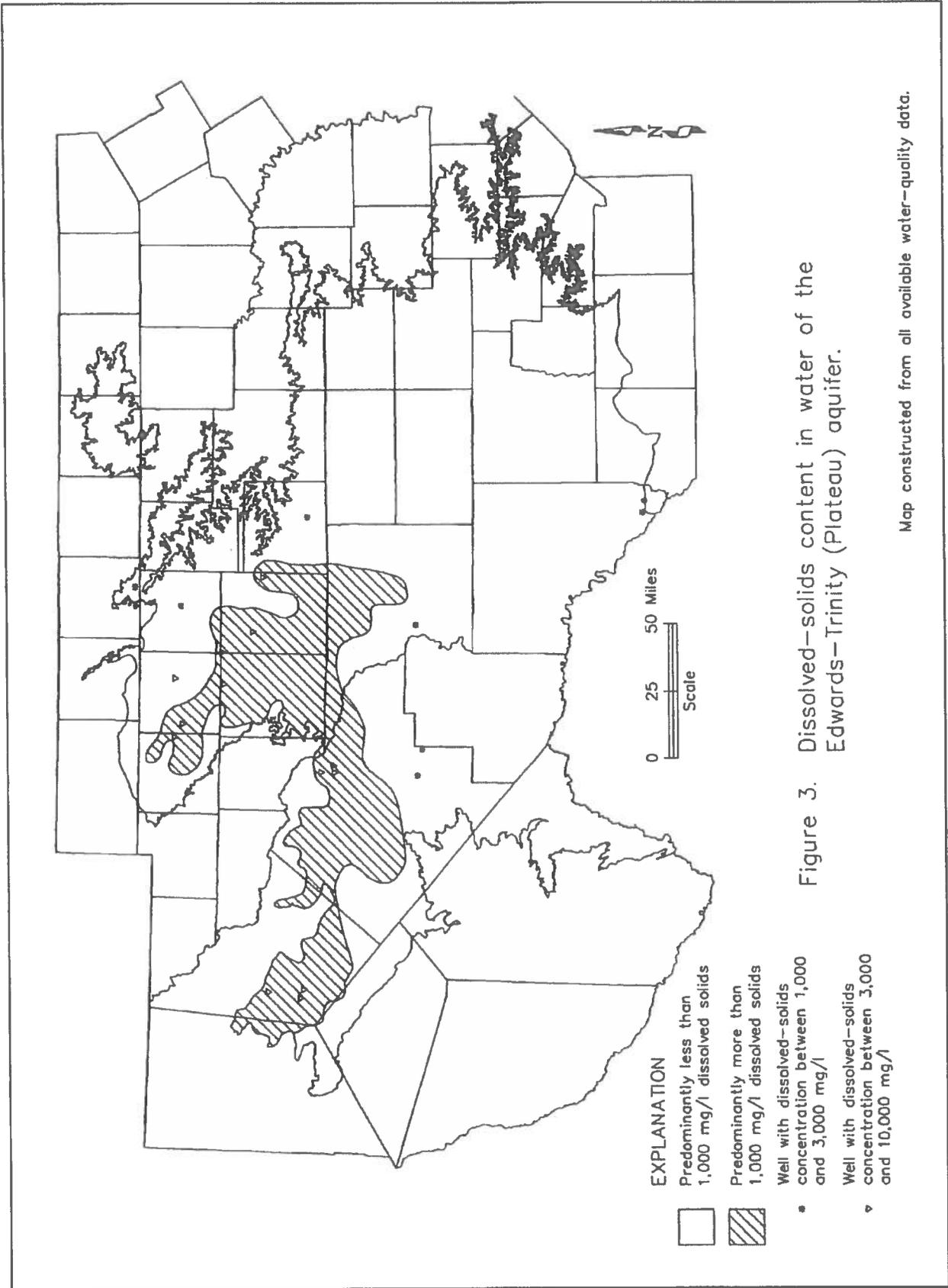
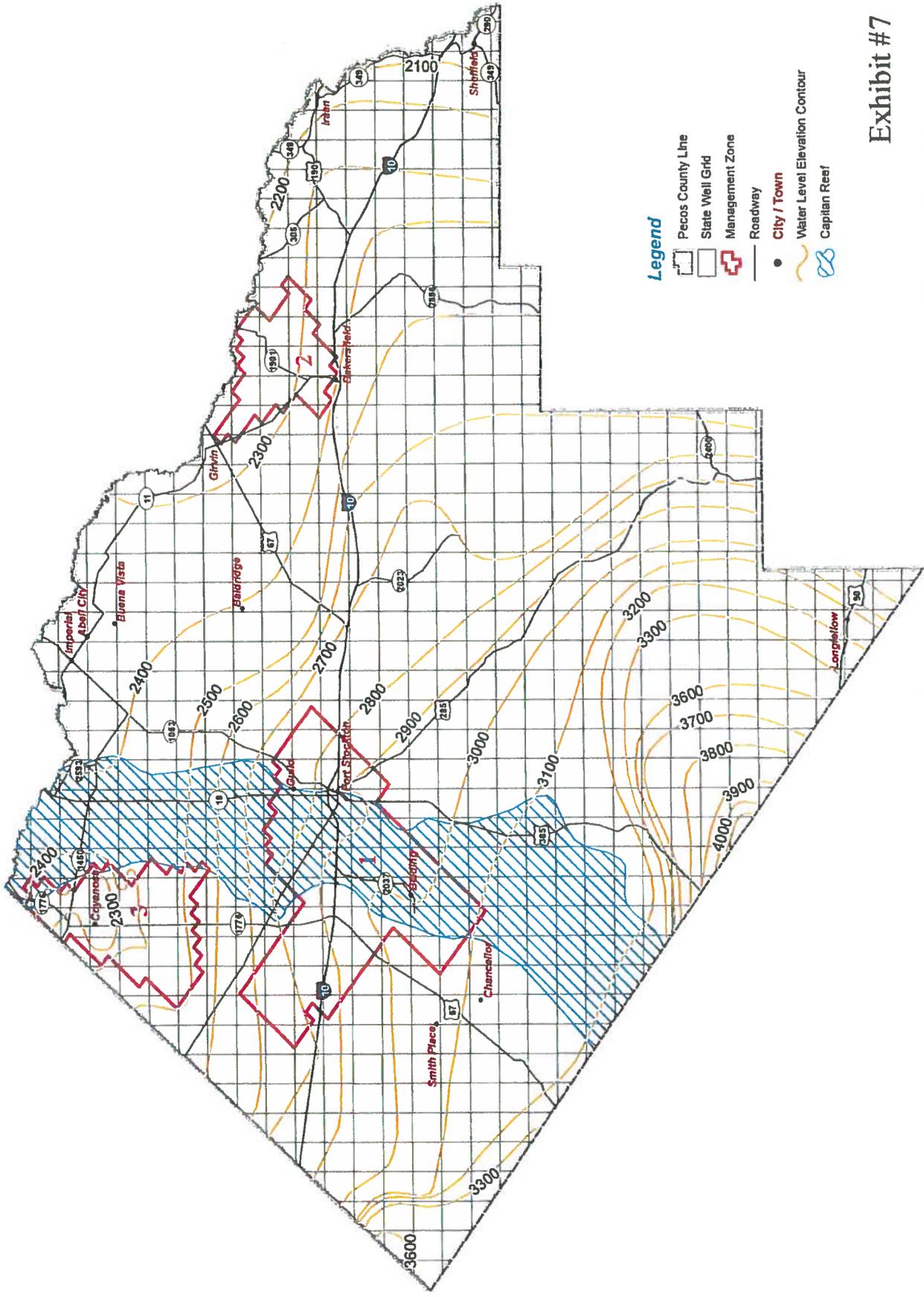


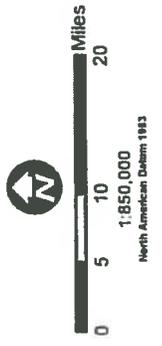
Figure 3. Dissolved-solids content in water of the Edwards-Trinity (Plateau) aquifer.

Wells available to review on line: http://waterdatafortexas.org/groundwater/							MPGCD Seq#	TDS
State Well Number	Aquifer	Aquifer Type	Entity/Cooperator	Data Transmission	Well Owner	MPGCD Seq#	TDS	
4557603	Edwards-Trinity	Unconfined	MPGCD	Data Card	Nature Conservancy - Diamond Y Well	221	1538	
4563705	Pecos Valley	Unconfined	MPGCD	Data Card	Jepson	237	3654	
4648806	Pecos Valley	Unconfined	TWDB	Satellite	Braden Brothers-Elmer Braden Hwy. Well	302	3679	
4655603	Pecos Valley	Unconfined	MPGCD	Data Card	Klose	222	598	
4656309	Pecos Valley	Unconfined	MPGCD	Data Card	Prec. #4 Coyanosa Field, Well #1	225	1512	
4662801	Pecos Valley	Unconfined	MPGCD	Data Card	City of F.S- BlueRidge#18	226	1859	
5206604	Edwards-Trinity	Unconfined	MPGCD	Data Card	TXDOT - I-10 Well by PCWCID#1	234	450	
5207304	Edwards-Trinity	Unconfined	MPGCD	Data Card	City of F.S- Stockton Farms 31-2	341	528	
5207905	Edwards-Trinity	Unconfined	MPGCD	Data Card	Dennis Braden - Braden Road and I-10	332	1225	
5208802	Edwards-Trinity	Unconfined	MPGCD	Data Card	Lee Harris	251	2867	
5216311	Edwards-Trinity	Unconfined	MPGCD	Data Card	Pecos Pecan - Well #7	306	950	
5216802	Edwards-Trinity	Unconfined	TWDB	Satellite	Pecos County - Prison Well	No MPGCD#	1633	
5216909	Edwards-Trinity	Unconfined	MPGCD	Data Card	Hammond - Mesa Pens	232	1062	
5216911	Edwards-Trinity	Unconfined	MPGCD	Data Card	Cockrell - Belding Farms. Well #29	305	1627	
5223603	Edwards-Trinity	Unconfined	MPGCD	Data Card	Hammond - Trap #1	231	1340	
5230107	Edwards-Trinity	Unconfined	MPGCD	Satellite	T Beard-Hovey Well #2/aka Clayton #2	352	340	
5301209	Edwards-Trinity	Unconfined	MPGCD	Data Card	Hoover Energy - Diaamond Y Station	252	1538	
5306901	Edwards-Trinity	Unconfined	MPGCD	Data Card	Gregg Mckenzie - Latch #1	224	685	
5312301	Edwards-Trinity	Unconfined	MPGCD	Satellite	Nutt Ranch	348	1012	
5312803	Edwards-Trinity	Unconfined	MPGCD	Satellite	D. A. Herral	262	338	
5316601	Edwards-Trinity	Unconfined	MPGCD	Data Card	John Dorris - Perry Ranch	229	467	
5319701	Edwards-Trinity	Unconfined	MPGCD	Satellite	Bunger Cameron - Clayton Mill	245	438	
5320603	Edwards-Trinity	Unconfined	MPGCD	Satellite	J. P. Moore	244	390	
5320903	Edwards-Trinity	Unconfined	MPGCD	Satellite	SandRidge - Puckett 9D	255	410	
5321704	Edwards-Trinity	Unconfined	MPGCD	Satellite	SandRidge - Puckett 7	254	382	
5328303	Edwards-Trinity	Unconfined	MPGCD	Satellite	Daggett - West Oil Well	238	498	
5334401	Edwards-Trinity	Unconfined	MPGCD	Data Card	Allison Generator Well	230	790	
5342101	Edwards-Trinity	Unconfined	MPGCD	Data Card	Cox Ranch	239	757	
5418510	Edwards-Trinity	Unconfined	MPGCD	Data Card	Noelke	233	472	
4525715	Pecos Valley	Unconfined	TWDB	Satellite		No MPGCD#	1900	
4615924	Pecos Valley	Unconfined	City of Wink	Satellite		No MPGCD#	601	



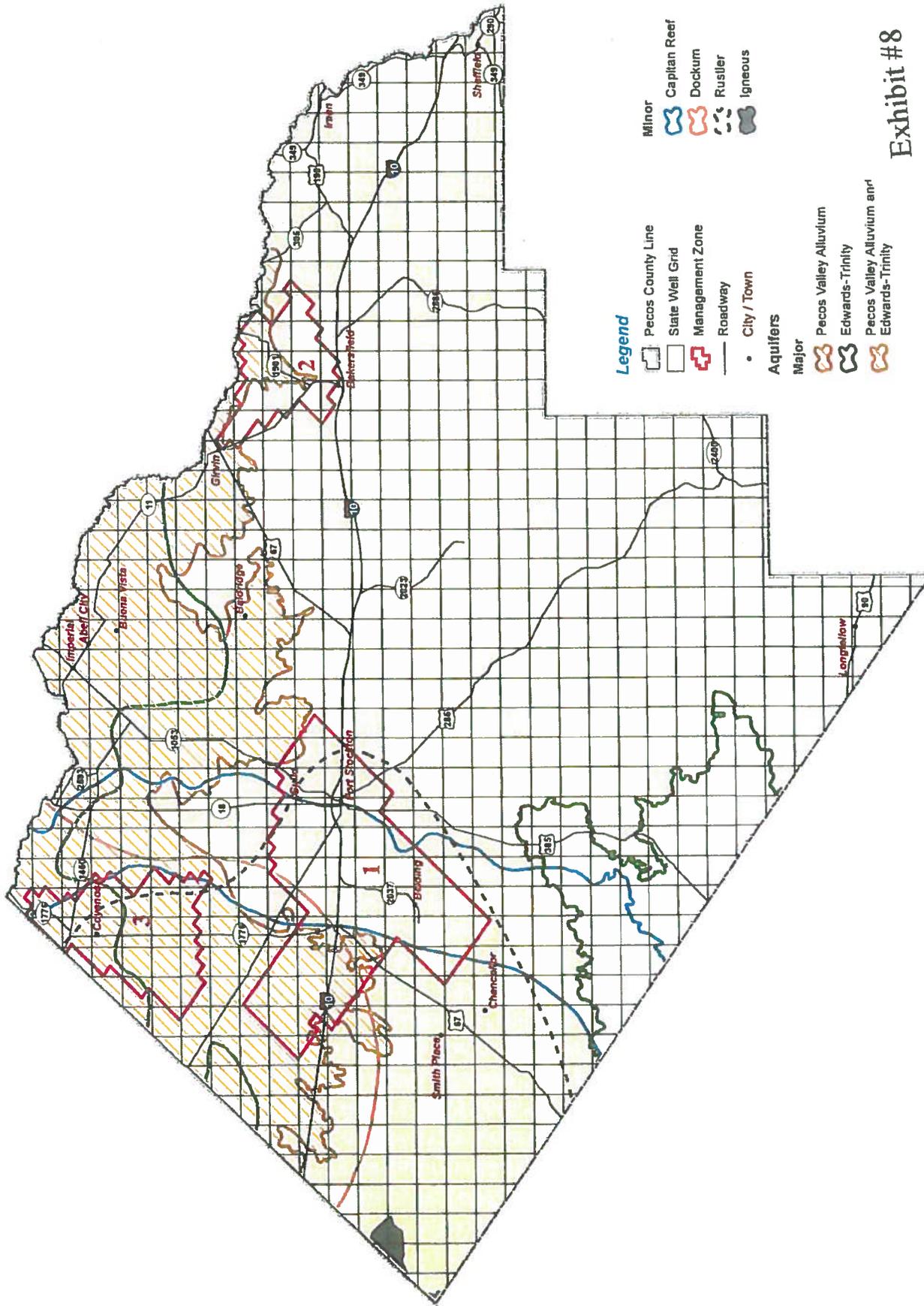
- Legend**
- Pecos County Line
 - State Well Grid
 - Management Zone
 - Roadway
 - City / Town
 - Water Level Elevation Contour
 - Capitan Reef

Exhibit #7



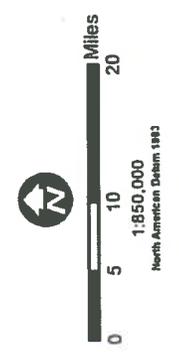
Water Level Elevation Contours
Figure 6
Pecos County, Texas





- Legend**
- Pecos County Line
 - State Well Grid
 - Management Zone
 - Roadway
 - City / Town
- Aquifers**
- Major**
- Pecos Valley Alluvium
 - Edwards-Trinity
 - Pecos Valley Alluvium and Edwards-Trinity
- Minor**
- Capitan Reef
 - Dockum
 - Rusler
 - Igneous

Exhibit #8



TWDB Major and Minor Aquifers
Figure 3
Pecos County, Texas



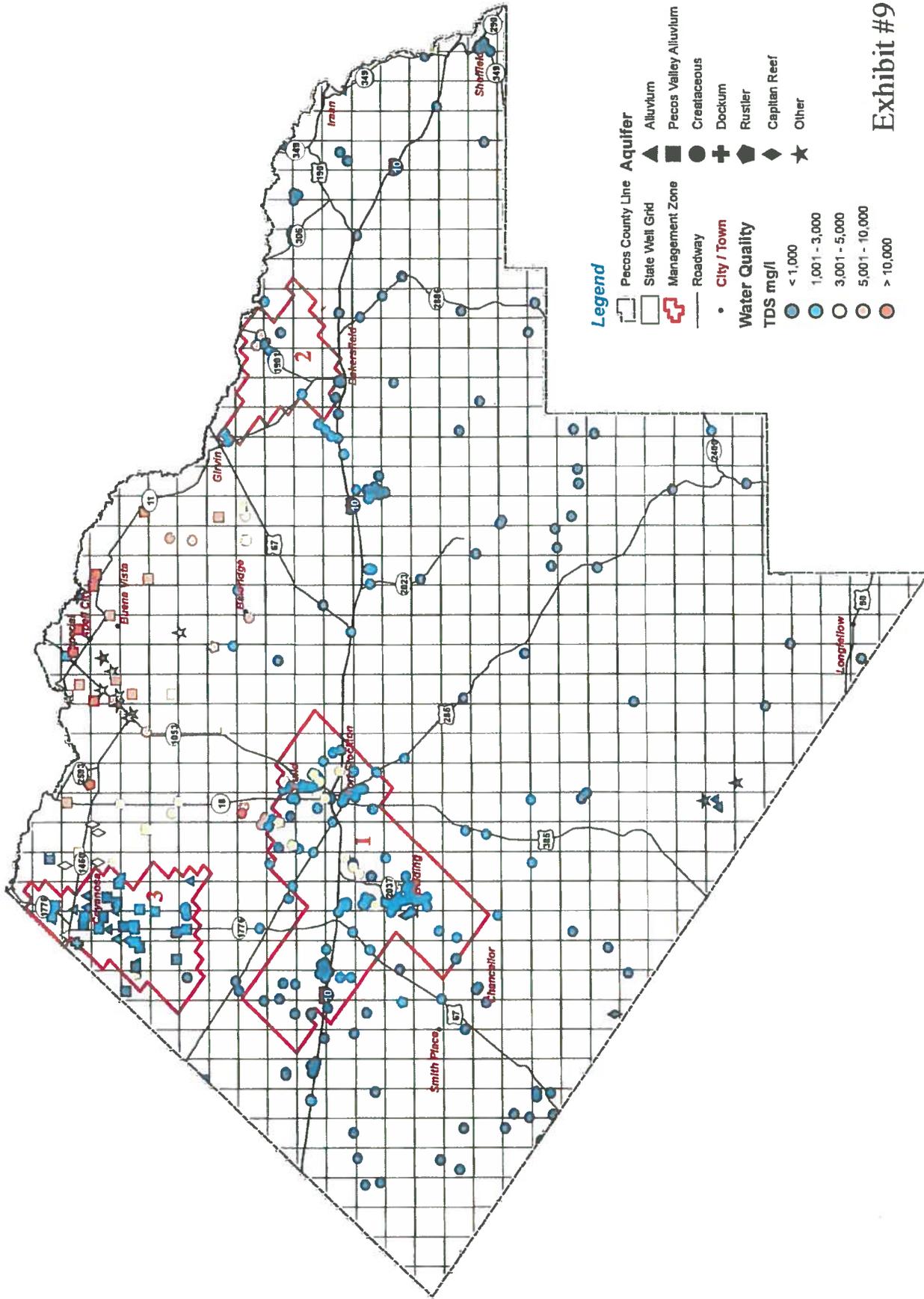
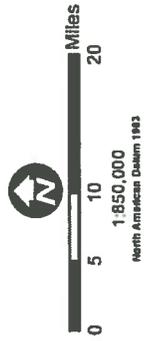


Exhibit #9



Water Quality TDS mg/l
Figure 7
Pecos County, Texas



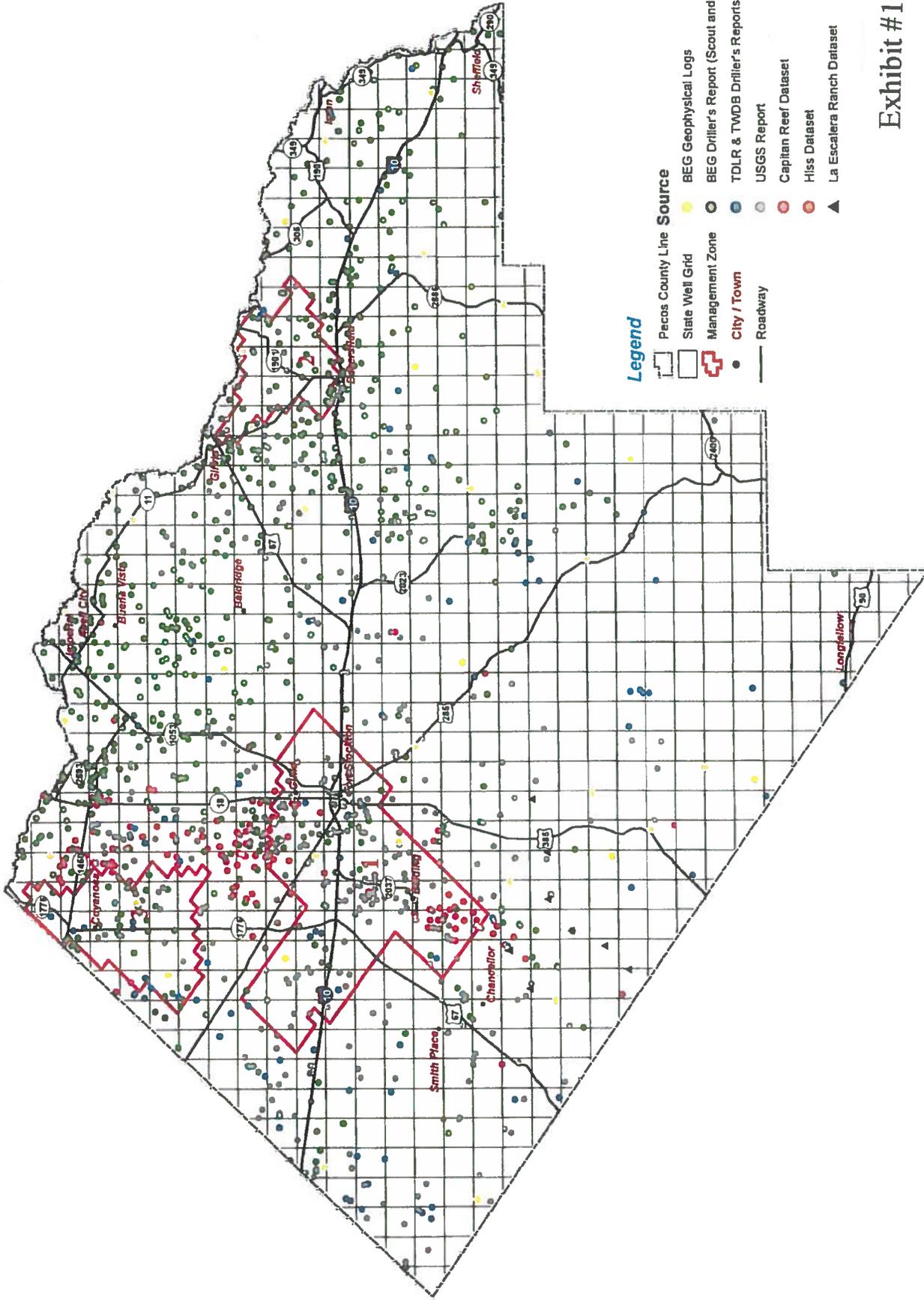


Exhibit #10



1:850,000
North American Datum 1983

Study Area Well Distribution
Figure 4
Pecos County, Texas



Capitan Reef Complex Aquifer GAM Stakeholder Advisory Forum Number 2

Fort Stockton, Texas
May 27, 2014

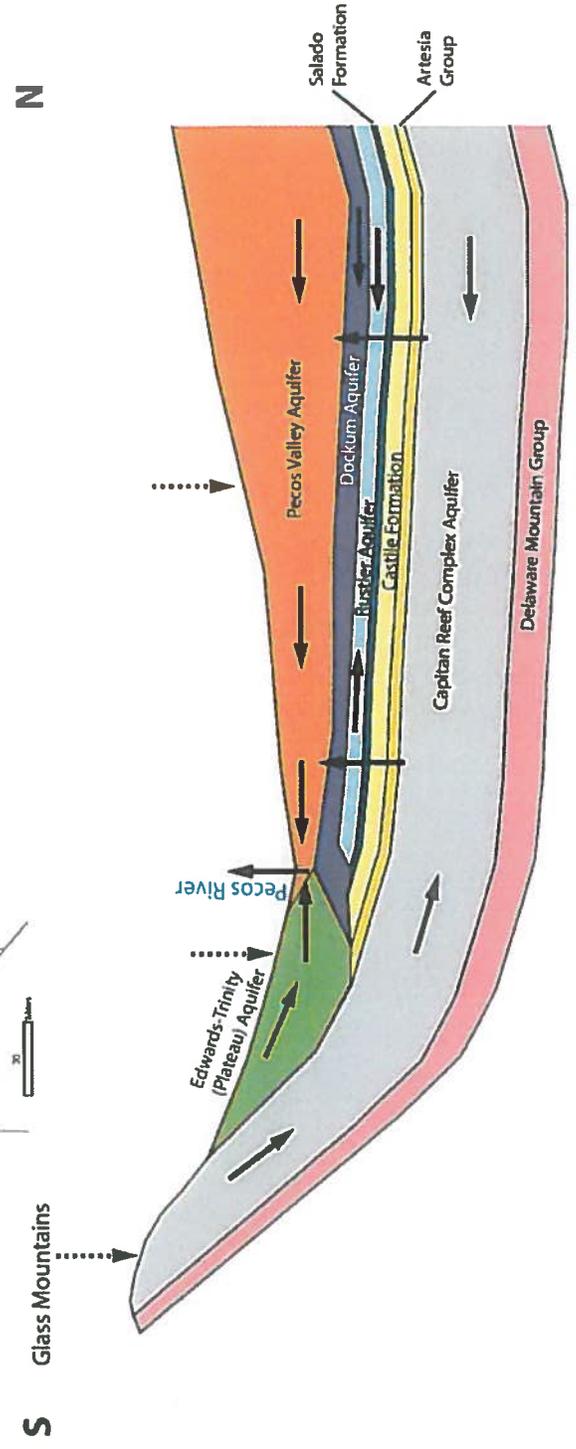
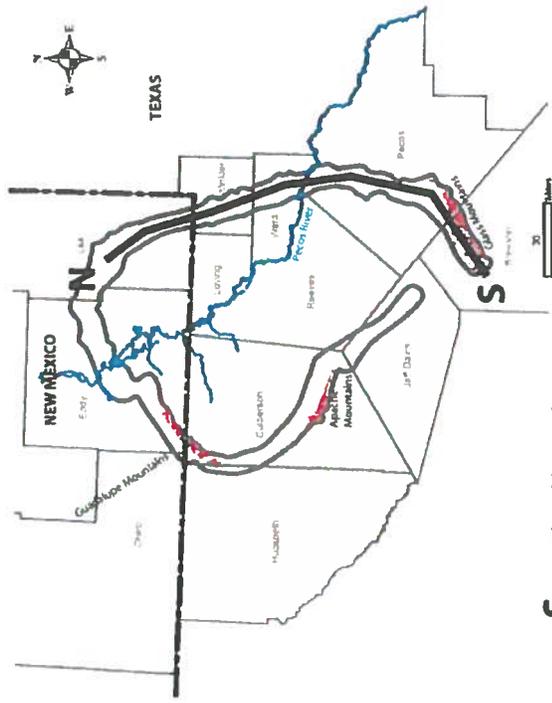
Ian C. Jones, Ph.D., P.G.



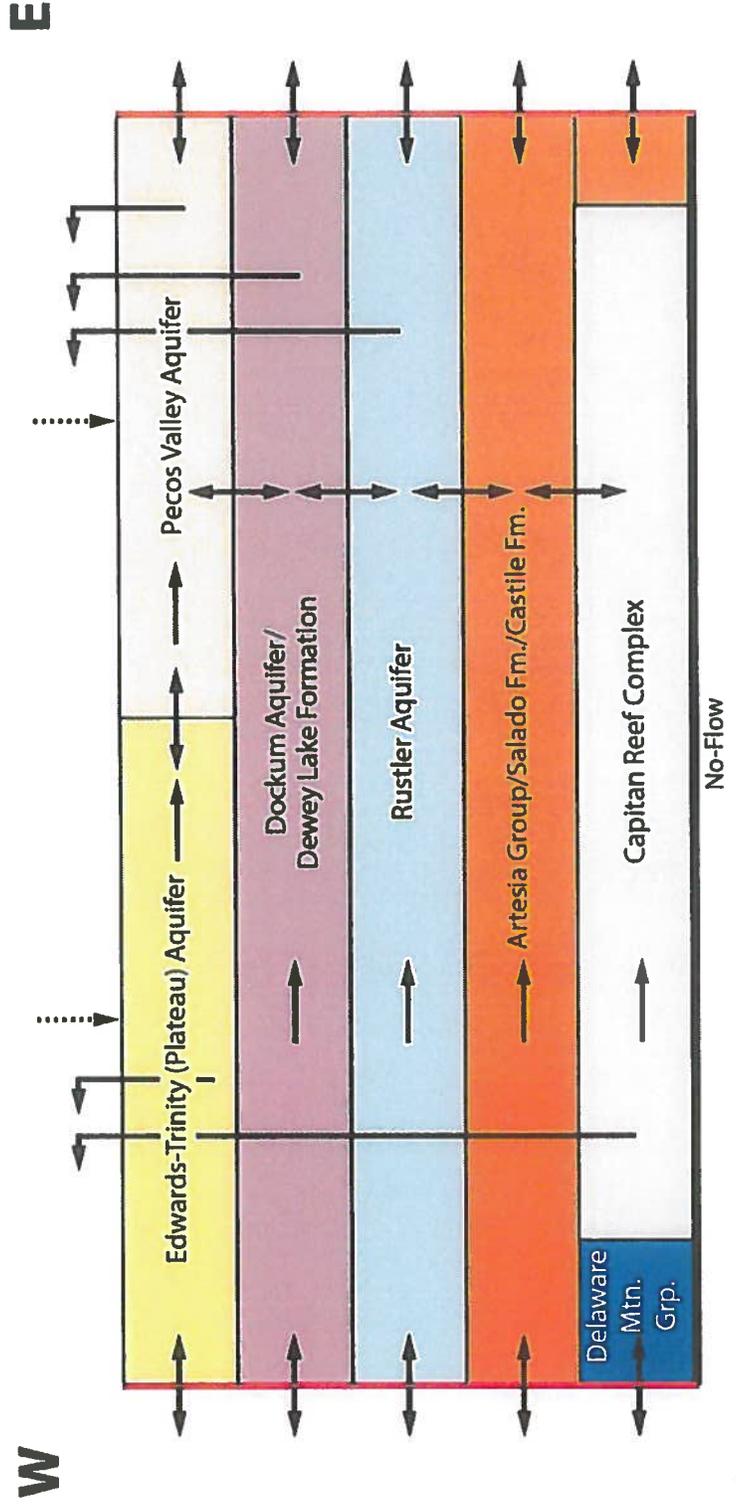
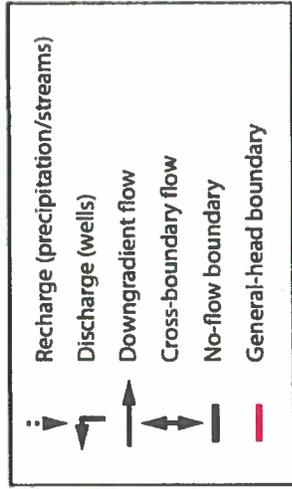
Exhibit #11

**Texas Water
Development Board**

Conceptual Model



Conceptual Model

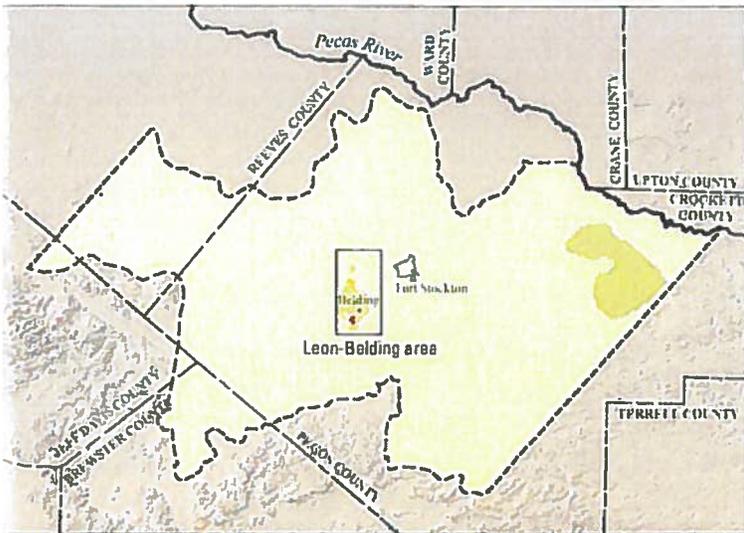


Hydrostratigraphy

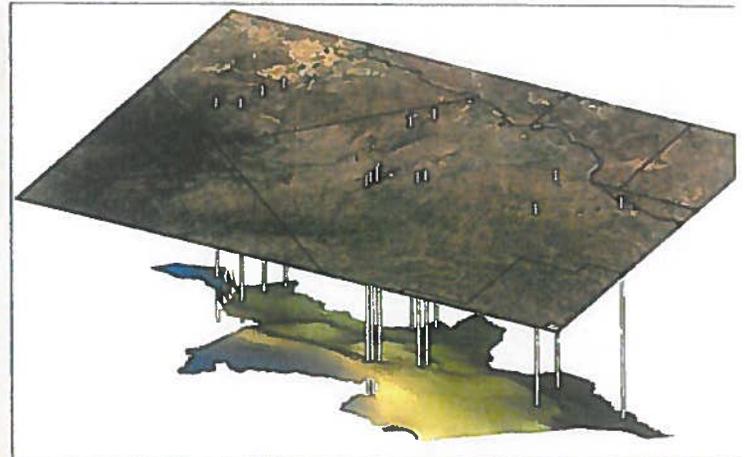
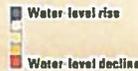
Pecos Valley Aquifer		Pecos Valley Alluvium	
Edwards-Trinity (Plateau) Aquifer		Edwards Group Trinity Group	
Dockum Aquifer		Dockum Group Dewey Lake Formation	
Rustler Aquifer		Rustler Formation	
Aquitard		Salado Formation Castile Formation	
Artesia Group aquitard Tansill Formation Yates Formation Seven Rivers Formation Munn/Queen/Grayburg Fms.	Captain Reef Complex Aquifer Carlsbad Limestone Captain Limestone Goat Seep Dolomite	Tessey Vidrio	Delaware Mountain Group aquitard Bell Canyon Cherry Canyon Brushy Canyon Pipeline Shale Member

Prepared in cooperation with the Middle Pecos Groundwater Conservation District, Pecos County, City of Fort Stockton, Brewster County, and Pecos County Water Control and Improvement District No. 1

Simulation of Groundwater Flow in the Edwards-Trinity and Related Aquifers in the Pecos County Region, Texas



Water-level change 2010-2040 for Scenario 3



Oblique view of the Pecos County region with selected wells extending into the simulated water table of the Edwards-Trinity aquifer (vertically exaggerated)

Scientific Investigations Report 2013-5228
Version 1.1, July 2014

U.S. Department of the Interior
U.S. Geological Survey

Exhibit #12

Geochemistry

The second phase of this study by Bumgarner and others (2012) indicated that the Edwards-Trinity aquifer in the model area was dominated by mineralized, regional groundwater that most likely recharged during the Pleistocene with variable contributions of recent, local recharge. Four end members were identified to use as part of the qualitative groundwater-flow and mixing analysis. The end members represented: (1) mineralized groundwater that likely recharged northwest of the model area during the Pleistocene; (2) dilute, recent recharge from the Barilla and Davis Mountains; (3) dilute, recent recharge from the Glass Mountains; and (4) mineralized water that is likely a mixture of recharge under recent and Pleistocene climate conditions. Bumgarner also noted that groundwater from the Dockum and Rustler aquifers likely mixes with groundwater compositions of the Edwards-Trinity aquifer. Additional detail about the geochemistry of the groundwater in the model area is available in Bumgarner and others (2012).

Groundwater-Flow System

Groundwater generally flows northward into the downdip extent of the Edwards-Trinity aquifer (corresponding to the northern extent of the Edwards-Trinity subcrop area) or eastward out of the model area (fig. 2). Regional groundwater flow entering the model area from the northwest naturally discharges from springs or flows northward into the Pecos trough where it discharges into the Pecos Valley or Dockum aquifers at the downdip extent of the Edwards-Trinity aquifer. Recharge from the Barilla and Davis Mountains also predominantly flows toward the Pecos trough and most likely discharges to other aquifers of the groundwater system. Groundwater flow in the Edwards-Trinity aquifer in the Monument Draw trough originated as recharge in the Barilla, Davis, and Glass Mountains, agricultural return flow, or upwelling groundwater from lower units. Edwards-Trinity aquifer water generally flows north and northeast in the Monument Draw trough and naturally discharges from springs or to other aquifers of the groundwater system at the downdip extent. Groundwater in the eastern part of the model area likely originated in the Glass Mountains and generally flows northeast and out of the model area. Some groundwater in the eastern part of the model area also naturally discharges from springs to other aquifers of the groundwater system at the downdip extent or to the Pecos River. Additional detail about conceptual groundwater flow in the model area is available in Bumgarner and others (2012).

Simulation of Groundwater Flow

The modular finite-difference code, USGS MODFLOW-2005 (Harbaugh, 2005), was used to approximate the solution of the equations governing three-dimensional groundwater flow. The preconditioned conjugate gradient

solver (Hill, 1990) was used for the numerical solution technique.

Groundwater-Flow Model Construction

The groundwater-flow system is represented by a set of grid cells, and within each individual cell the hydraulic properties are the same. Three finite-difference equations describe flow through each cell, which can be solved for steady-state or transient conditions, to simulate groundwater-level changes within the flow system resulting from pumping stress over discrete periods of time. The model was constructed using much of the compiled and field-collected data gathered from Pearson and others (2012). The transient model simulates 70 years (1940–2010) of system response to stress by using 144 stress periods.

Spatial Discretization and Layering

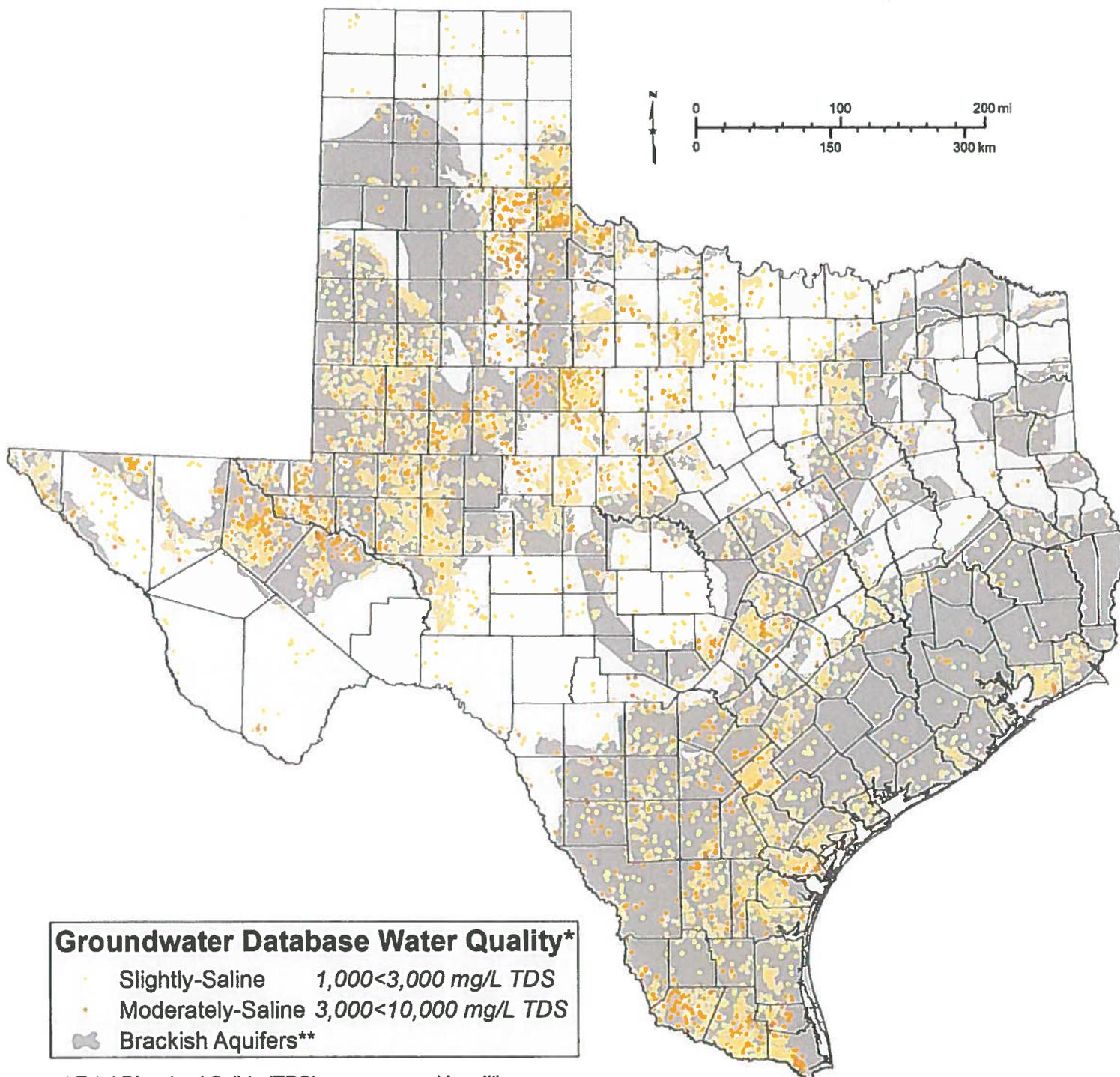
The active model area includes 13,680 active model cells representing the Trinity part of the Edwards-Trinity aquifer. The active model was discretized into a finite-difference grid of 156 rows and 174 columns with uniform cells 0.25 mi² in area, a refinement from previous regional modeling and coincident with previous local-scale models. The grid is aligned approximately perpendicular to regional groundwater flow and coincides with the Groundwater Availability Model (GAM) of Anaya and Jones (2009) with the y-coordinate axis at an azimuth of approximately N.48° W.

The layers of the numerical model were developed from the hydrostratigraphy of Bumgarner and others (2012) and Ewing and others (2012). The model has five layers that represent the Pecos Valley aquifer (referred to as the alluvial layer), the Edwards part of the Edwards-Trinity aquifer (referred to as the Edwards layer), the Trinity part of the Edwards-Trinity aquifer (referred to as the Trinity layer), the Dockum aquifer (referred to as the Dockum layer), and the Rustler aquifer (referred to as the Rustler layer) (table 1). In areas that a hydrogeologic unit is thin or nonexistent, such as the Dockum aquifer, the hydraulic properties of the layer are similar to those of the underlying unit.

Temporal Discretization

The model is discretized temporally into 144 stress periods that represent intervals of time with constant stresses (such as pumping) applied throughout. Stress period 1 represents a steady-state period of time prior to 1940 in which water levels were less likely affected by widespread groundwater pumping. Stress period 2 begins the transient period of the simulation starting January 1, 1940. Between stress period 2 (January 1, 1940, to March 31, 1940) and stress period 144 (October 1, 2010, to December 31, 2010), each intervening stress period is 6 months in length to represent irrigation (April through September) and nonirrigation seasons (October through March).

Brackish Wells and Brackish Aquifers



* Total Dissolved Solids (TDS) are measured in milligrams per liter (mg/L)

**Regions underlain by one or more brackish aquifers (TDS is 1,000<10,000 mg/L)

Exhibit #13

If a well had more than one Total Dissolved Solids (TDS) measurement, the most recent measurement was used. No claims are made to the accuracy or completeness of the information shown herein or to its suitability for a particular use. For more information visit <http://www.twdb.texas.gov/innovativewater/bracs/index.asp>.

A&M Well Analysis		Sample #	Our Log in #	MPGC#	Aquifer	Latitude	Longitude	Well Name (Bakersfield)	Hardness	TDS	Change Bal
Date	Well Owner (Bakersfield)										
6/12/2007	Adams	11855	59	2007031602	Edwards-Trinity Plateau Aquifer	30.602777	-102.77889	House	337.00	841.00	
2/28/2007	Adams	17940	234	2005021418	Edwards-Trinity Plateau Aquifer	30.627345	-102.775059	Bumper Gate Well	451.00	973.00	
10/18/2007	Allison Ranch	12853	77	2007101104	Edwards-Trinity Plateau Aquifer	30.44176	-102.843396	Generator Well	1,333.00	2,213.00	
10/18/2007	Allison Ranch	12852	78	2007101101	Edwards-Trinity Plateau Aquifer	30.368533	-102.853889	New Mill	516.00	1,022.00	
10/18/2007	Allison Ranch	12855	80		Edwards-Trinity Plateau Aquifer			Gap Tank	392.00	845.00	
10/18/2007	Allison Ranch	12854	81	2007101102	Edwards-Trinity Plateau Aquifer	30.366944	-102.835000	Cox Mill	362.00	756.00	
9/24/2012	Allison Ranch	21761	329	2007101102	Edwards-Trinity Plateau Aquifer	30.366944	-102.835000	Cox Mill	411.00	768.00	100
11/5/2007	Allison Ranch	12904	93	2007102903	Edwards-Trinity Plateau Aquifer	30.390861	-102.918378	Old Ranch Mill	517.00	1,006.00	
4/7/2011	Allison Ranch	18363	243	2007101106	Edwards-Trinity Plateau Aquifer	30.418192	-102.837688	Hackberry Ranch	461.00	767.00	
9/24/2012	Allison Ranch	21758	326	2014100102	Edwards-Trinity Plateau Aquifer	30.362179	-102.885674	Garden #1	352.00	726.00	103
9/24/2012	Allison Ranch	21759	327	2014100102	Edwards-Trinity Plateau Aquifer	30.362179	-102.885674	Garden #2	402.00	750.00	102
9/24/2012	Allison Ranch	21760	328	2014100101	Edwards-Trinity Plateau Aquifer	30.362148	-102.885715	Comb. House Well	401.00	842.00	100
5/8/2014	Allison Ranch	25873	444	2007102901	Edwards-Trinity Plateau Aquifer	30.371671	-102.916125	Flairmill	518.00	1,021.00	100
6/8/2015	Artesian Section 24	28787	535	Leaking Well	San Andres	31.226381	-102.759864	Artesian Section 24	5,308.00	69,203.00	90
2/11/2008	Barbee	10023	34	2008020806	PVAA and ETAP	31.204993	-102.823759	Windmill 51-16-02	315.00	1,289.00	
2/11/2008	Barbee	13153	106	2008020808	PVAA and ETAP	31.19743	-102.857743	Pond	3,190.00	5,641.00	
2/11/2008	Barbee	13154	107	2008020802	Edwards-Trinity Plateau Aquifer	31.132988	-102.864354	#1	1,904.00	5,710.00	
2/11/2008	Barbee	13155	108	2008020805	PVAA and ETAP	31.172747	-102.856213	#4	1,305.00	3,749.00	
2/11/2008	Barbee	13156	109	2008020808	San Andres	31.19743	-102.857743	Artesian	2,935.00	5,832.00	
7/15/2009	Benavente	15432	177	2005011457	Edwards-Trinity Plateau Aquifer	30.965675	-102.90671		539.00	1,402.00	
7/10/2013	Berry	23648	390	2005010715	Edwards-Trinity Plateau Aquifer	31.00599	-102.70361	House	562.00	1,396.00	94
10/19/2006	Blue Ridge	11396	30	2005040612	PVAA, Reeves County	31.06194	-103.3214	BR-3 (Abandoned)	328.00	643.00	
10/19/2006	Blue Ridge	11396	31	2005040702	PVAA, Reeves County	31.09778	-103.3214	BR-6 (In Use)	306.00	642.00	
6/23/2006	Boehmer	10721	35	2013110403	San Andres	31.22827	-102.73057	Boehmer Lake/Artesian	5,078.00	173,744.00	
6/23/2006	Boehmer	10721	34	2013110403	San Andres	31.22827	-102.73057	Big Boehmer/Artesian	3,083.00	9,793.00	
1/13/2015	Boehmer	27692	507	2013110403	San Andres	31.22827	-102.73057	Boehmer Lake/Artesian	7,829.00	130,131.00	125
5/2/2006	Boehmer/Holladay	10367	36	200511835	Pecos Valley Alluvium Aquifer	31.212138	-102.753975	Holladay South	5,881.00		
4/26/2007	Boehmer/Holladay Monitor	12087	55	200511835	Pecos Valley Alluvium Aquifer	31.212138	-102.753975		7,819.00	28,451.00	
9/5/2006	Bolen Oil Company			2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	314.00	597.00	
5/9/2007	Bolen Oil Company			2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	339.00	712.00	
6/12/2007	Bolen Oil Company	12401	4A	2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	334.00	678.00	
9/5/2006	Bolen Oil Company	11289	4	2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	332.00	597.00	
5/31/2011	Bolen Oil Company	18784	27	2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	19.00	637.00	
7/24/2013	Bolen Oil Company	23790	388	2011060801	Produced Water	30.881503	-102.30148	Bakersfield Chevron Well	304.00	645.00	93
10/6/2014	Bolen Oil Company	27021	481	2014060320	Produced Water			Bakersfield Chevron Well	298.00	602.00	102
6/10/2014	Braden, Dennis	26171	454	2005072501	PVAA and ETAP	30.934440	-103.133600	SW Corner Well	503.00	911.00	104
4/11/2014	Braden, Elmer	25623	449	2005080315	Pecos Valley Alluvium Aquifer	31.300280	-103.034200	15-1	2,045.00	3,679.00	98
4/22/2013	Braden, Randy-5	23004	323	2012050408	PVAA and ETAP	30.992450	-102.203400	#5	1,695.00	3,769.00	93
5/7/2013	Braden, Randy-5	23179	337	2012050408	PVAA and ETAP	30.992450	-102.203400	#5	1,779.00	3,905.00	
10/11/2013	Braden, Randy-5	24559	414	2012050408	PVAA and ETAP	30.992450	-102.203400	#5	1,835.00	3,793.00	97
4/10/2013	Braden, Randy-4	22908	339	2012050407	PVAA and ETAP	30.989000	102.200650	#4	865.00	1,533.00	95
5/7/2013	Braden, Randy-4	23178	336	2012050407	PVAA and ETAP	30.989000	102.200650	#4	706.00	1,367.00	
6/11/2013	Braden, Randy-4	23443	356	2012050407	PVAA and ETAP	30.989000	102.200650	#4	789.00	1,417.00	94
7/11/2013	Braden, Randy-4	23681	362	2012050407	PVAA and ETAP	30.989000	102.200650	#4	693.00	1,289.00	93
7/30/2015	Braden, Randy-4	24558	413	2012050407	PVAA and ETAP	30.989000	102.200650	#4	669.00	1,212.00	99
8/27/2015	Braden, Randy-4	29311	553	2012050407	PVAA and ETAP	30.989000	102.200650	#4	914.00	1,504.00	109
4/22/2013	Braden, Randy-3	23005	324	2012050406	PVAA and ETAP	30.988017	-102.202167	#3	724.00	922.00	108
5/7/2013	Braden, Randy-3	23177	335	2012050406	PVAA and ETAP	30.988017	-102.202167	#3	724.00	1,563.00	88
6/11/2013	Braden, Randy-3	23442	355	2012050406	PVAA and ETAP	30.988017	-102.202167	#3	799.00	1,544.00	98
10/11/2013	Braden, Randy-3	24557	412	2012050406	PVAA and ETAP	30.988017	-102.202167	#3	953.00	1,886.00	100
4/10/2013	Braden, Randy-2	22909	338	2012050405	PVAA and ETAP	30.988567	102.204700	#2	1,104.00	2,048.00	95
4/22/2013	Braden, Randy-2	23176	334	2012050405	PVAA and ETAP	30.988567	102.204700	#2	1,619.00	3,138.00	85
6/11/2013	Braden, Randy-2	23441	354	2012050405	PVAA and ETAP	30.988567	102.204700	#2	1,914.00	4,190.00	88
4/22/2013	Braden, Randy-1	23006	325	2012050404	PVAA and ETAP	30.988989	-102.208355	#1	1,231.00	3,440.00	100
5/7/2013	Braden, Randy-1	23175	333	2012050404	PVAA and ETAP	30.988989	-102.208355	#1	1,384.00	4,533.00	84
10/11/2013	Braden, Randy-1	24556	411	2012050404	PVAA and ETAP	30.988989	-102.208355	#1	1,147.00	2,650.00	99

4/3/2012	Brockman, D	22842	320	2005012129	Edwards-Trinity Plateau Aquifer	30.8558	-102.8996	601.00	1,493.00	95
5/13/2013	Brooks, Polly	23251	381	2005042605	PVAA and ETPA	31.00014	-102.7834	1,741.00	4,949.00	99
5/13/2013	Brooks, Polly	23251	378	2005042614	Edwards-Trinity Plateau Aquifer	30.90018	-102.78356	1,657.00	3,941.00	102
5/13/2013	Brooks, Polly	23252	379	2005042615	PVAA and ETPA	31.10002	-102.7502	2,175.00	6,429.00	91
5/13/2013	Brooks, Polly	23250	380	2005042608	PVAA and ETPA	30.98335	-102.7669	1,569.00	5,116.00	98
5/13/2013	Brooks, Polly	23254	377	2005042616	PVAA and ETPA	31.05018	-102.8001	228.00	1,648.00	99
6/19/2008	Brooks Ranch/Landreth, Beverly	13471	116	Brewster County		30.361631	-103.035942	361.00	836.00	
3/25/1980	Brooks Ranch/Landreth, Beverly	29305	555	Brewster County		30.361631	-103.035942	299.00	695.00	101
6/19/2008	Brooks Ranch/Landreth, Beverly	13472	117	2005042616	PVAA and ETPA	31.05018	-102.800101	722.00	1,223.00	
4/7/2011	Brooks Ranch/Landreth, Beverly	18367	247							
6/11/2009	Bunger	15268	169	2013032603	Edwards-Trinity Plateau Aquifer	30.658172	-102.649144	414.00	860.00	
6/11/2009	Bunger	15269	170	2013032601	Edwards-Trinity Plateau Aquifer	30.67662	-102.616374	225.00	415.00	
6/11/2009	Bunger	15270	171	2013032605	Edwards-Trinity Plateau Aquifer	30.631823	-102.679532	18.00	534.00	
6/11/2009	Bunger	15271	172	2013032607	Edwards-Trinity Plateau Aquifer	30.606133	-102.66292	284.00	512.00	
6/11/2009	Bunger	15272	173	2013032606	Edwards-Trinity Plateau Aquifer	30.594455	-102.690455	487.00	1,131.00	
6/11/2009	Bunger	15273	174	2013032602	Edwards-Trinity Plateau Aquifer	30.634405	-102.640472	220.00	397.00	
6/11/2009	Bunger	15274	175	2013032604	Edwards-Trinity Plateau Aquifer	30.653299	-102.670407	181.00	526.00	
6/11/2009	Bunger	15275	176	2013030101	Edwards-Trinity Plateau Aquifer	30.64791	-102.72471	253.00	481.00	
7/3/2013	Bunger	23616	359	2013030101	Edwards-Trinity Plateau Aquifer	30.64791	-102.72471	236.00	438.00	
7/30/2014	Bunger	26516	470	2013030101	Edwards-Trinity Plateau Aquifer	30.64791	-102.72471	252.00	432.00	104
8/27/2015	Bunger	29310	554	2013030101	Edwards-Trinity Plateau Aquifer	30.64791	-102.72471	285.00	441.00	104
1/8/2011	Bunger	17936	230	2005010531	Edwards-Trinity Plateau Aquifer	30.86276	-102.8993	638.00	371.00	98
4/3/2013	Carpenter, B	22840	318	2005010531	Edwards-Trinity Plateau Aquifer	30.86276	-102.8993	638.00	1,536.00	98
7/10/2013	Carpenter, B	23650	360	2005010531	Edwards-Trinity Plateau Aquifer	30.86276	-102.8993	584.00	1,456.00	96
3/21/2006	Castaneda, Hilario	10185	21	2006041302	ETPA and Dockum?	30.92805	-102.9514	302.00	606.00	
3/21/2006	Castaneda, Hilario	10186	22	2005072603	PVAA and ETPA	30.92805	-102.9514	591.00	1,182.00	
7/14/2009	Castaneda, Hilario	15425	180	2006041301	Pecos Valley Alluvium Aquifer	30.92805	-102.9514	61.70	1,175.00	
12/2/2010	Chapman(Scott Furman)	17803	222	2005052420	Edwards-Trinity Plateau Aquifer	30.508185	-103.042934	287.00	556.00	
3/20/2007	Coates Ranch	11966	57	2005052028	Edwards-Trinity Plateau Aquifer	30.63528	-102.2169	258.00	524.00	
6/10/2014	Chapman D	26170	452	2005092910	PVAA and ETPA	31.114606	-103.106251	244.00	532.00	99
10/6/2014	Chapman D	27022	476	2005092910	PVAA and ETPA	31.114606	-103.106251	245.00	535.00	98
7/23/2015	Chapman D	29086	537	2005092910	PVAA and ETPA	31.114606	-103.106251	248.00	537.00	96
10/6/2014	Chapman D	27023	477	2005092909	PVAA and ETPA	31.114599	-103.10376	228.00	527.00	94
10/6/2014	Chapman D	27024	478	2005092912	PVAA and ETPA	31.114608	-103.112879	248.00	527.00	102
1/21/2011	Coates Ranch	17988	225	2005052028	Edwards-Trinity Plateau Aquifer	30.63528	-102.2169	335.00	564.00	
5/27/2014	Cockrell	26031	451	2005011611	Rusler	30.81602	-103.0169	743.00	1,633.00	101
10/16/2007	Cox	12849	87	2005031011	Edwards-Trinity Plateau Aquifer	30.357	-102.8939	374.00	714.00	
10/16/2007	Cox	12848	86	2005031009	Edwards-Trinity Plateau Aquifer	30.35778	-102.8956	260.00	486.00	
10/16/2007	Cox	12847	88	2005031008	Edwards-Trinity Plateau Aquifer	30.35778	-102.8964	358.00	757.00	
10/16/2007	Cox	12850	89	2005031012	Edwards-Trinity Plateau Aquifer	30.357955	-102.894707	370.00	796.00	
4/7/2011	Cox	18368	247	2005031008	Edwards-Trinity Plateau Aquifer	30.35778	-102.8964	381.00	772.00	
12/4/2014	Cox	27572	507	Brewster County						100
1/13/2015	Cox	27693	508	Brewster County						94
7/8/2008	Daggell	13562	155	2005011310	Edwards-Trinity Plateau Aquifer	30.59198	-102.548	163.00	360.00	
7/8/2008	Daggell	13563	208	2013041106	Edwards-Trinity Plateau Aquifer	30.584221	-102.51009	270.00	498.00	
7/8/2008	Daggell	13564	209	2005011311	Edwards-Trinity Plateau Aquifer	30.58471	-102.5313	546.00	1,240.00	
7/11/2013	Davenport	23688	375	2007092501	Edwards-Trinity Plateau Aquifer	30.659573	-101.872553	231.00	409.00	93
7/26/2007	Davis	12589	40					1,704.00	4,857.00	
8/25/2006	Davis, Ace	11250	1	2010033102		30.91285	-103.13121	907.00	1,916.00	
8/27/2015	Davison,Damon	29313	556	OH Well Leak				172.00	328.00	98
2/27/2015	Davison,Damon	29314	557					164.00	1,069.00	81
2/27/2015	Diamond Y Station	16192	211	2010012003	Edwards-Trinity Plateau Aquifer			641.00	1,538.00	
4/25/2012	Drgac, G/Upton County	20696	285	2005031803	Edwards-Trinity Plateau Aquifer	30.96833	102.2189	33.00	1,180.00	93
12/19/2010	Drgac, G/Upton County	22252	311	2005031803	Edwards-Trinity Plateau Aquifer	30.96833	102.2189	625.00	1,298.00	92
7/30/2015	Drgac, G/Upton County	29147	540	2005031803	Edwards-Trinity Plateau Aquifer	30.96833	102.2189	594.00	1,115.00	111
4/25/2012	Drgac, G/Upton County	20695	284	2005031805	Edwards-Trinity Plateau Aquifer	30.96833	102.2175	542.00	1,129.00	92
12/19/2010	Drgac, G/Upton County	22253	312	2005031805	Edwards-Trinity Plateau Aquifer	30.96833	102.2175	487.00	1,046.00	91
7/30/2015	Drgac, G/Upton County	29153	541	2005031805	Edwards-Trinity Plateau Aquifer	30.96833	102.2175	400.00	800.00	102
4/25/2012	Drgac, G/Upton County	20697	286	2005031806	Edwards-Trinity Plateau Aquifer	30.96833	102.2169	419.00	867.00	92
12/19/2010	Drgac, G/Upton County	22254	313	2005031806	Edwards-Trinity Plateau Aquifer	30.96833	102.2169	409.00	840.00	91
7/30/2015	Drgac, G/Upton County	29151	542	2005031806	Edwards-Trinity Plateau Aquifer	30.96833	102.2169	590.00	1,110.00	110

4/25/2012	DrGac, G	20899	288	2005031801	Edwards-Trinity Plateau Aquifer	30.974321	-102.230023	(Camp) Hse Well #1	473.00	1,003.00	91
1/13/2015	DrGac, G	27697	512	2005031801	Edwards-Trinity Plateau Aquifer	30.974321	-102.230023	(Camp) Hse Well #1	456.00	986.00	97
9/9/2015	DrGac, G	29457	560	2005031801	Edwards-Trinity Plateau Aquifer	30.974321	-102.230023	(Camp) Hse Well #1	531.00	1,059.00	105
7/11/2013	DrGac, G	23683	366	2005031804	Edwards-Trinity Plateau Aquifer	30.976521	-102.229763	1A-Monier Well#256	507.00	1,143.00	92
7/11/2013	DrGac, Larry	23680	364	2005031701	PVAA and ETPA	31.011156	-102.258601	Gunter Farm Well#1	1,402.00	3,158.00	98
5/8/2014	DrGac, Larry	25875	443	2005012629	PVAA and ETPA	31.017949	-102.274243	House	1,404.00	3,042.00	102
7/30/2015	DrGac, Larry	29149	539	2005012622	PVAA and ETPA	31.005101	-102.281499	House #2	1,115.00	2,383.00	106
9/9/2015	DrGac, Larry	29458	561	2005012617	Edwards-Trinity Plateau Aquifer	30.990997	-102.229033	Water Station	2,084.00	3,794.00	104
11/11/2013	Dudley, Monte	24734	409	2013110502	Edwards-Trinity Plateau Aquifer	30.982831	-102.940973	House	540.00	1,254.00	97
11/11/2013	Dudley, Monte	24735	410	2013110501	Edwards-Trinity Plateau Aquifer	30.982844	-102.941221	EGD	2,324.00	5,215.00	100
6/1/2012	Duncan, S	21090	296	2005060605	Edwards-Trinity Plateau Aquifer	30.880556	-102.4175	House	989.00	2,424.00	95
6/1/2012	Duncan, S	21091	297	2005060606	Edwards-Trinity Plateau Aquifer	30.876339	-102.4181	Irrigation	826.00	2,054.00	94
4/3/2012	Dunn Harold	20647	283	2012031903	Edwards-Trinity Plateau Aquifer	30.938008	-102.84516	House Well	887.00	2,078.00	115
1/25/2013	Dunn Harold	22361	315	2012031903	Edwards-Trinity Plateau Aquifer	30.938008	-102.84516	House Well	10.00	27.00	68
2/14/2008	Dutton	13166	103	2005012014	Edwards-Trinity Plateau Aquifer	30.688827	-101.806553	Garden Well	300.00	467.00	
2/14/2008	Dutton	13165	104	2005012013	Edwards-Trinity Plateau Aquifer	30.688827	-101.806553	Garden Well	300.00	467.00	
2/14/2008	Dutton, Ted	13132	100	2005012017	Edwards-Trinity Plateau Aquifer	30.683333	-101.7833	Mill	295.00	483.00	
2/14/2008	Dutton, Ted	13134	102	2005012007	Edwards-Trinity Plateau Aquifer	30.683667	-101.813667	Irrigation well	348.00	574.00	
2/14/2008	Dutton, Ted	13134	102	2005012007	Edwards-Trinity Plateau Aquifer	30.683667	-101.813667	Irrigation well	348.00	574.00	
5/7/2014	Edwards, Chuck	25828	439	2005011301	Edwards-Trinity Plateau Aquifer	30.93496	-102.9922	CKE Housewell	1,087.00	2,271.00	104
5/7/2014	Edwards, Chuck	25830	440	2005011471	Edwards-Trinity Plateau Aquifer	30.93447	-102.9914	CLE Housewell	500.00	1,271.00	102
2/14/2008	Oasis Pipeline/Energy Transfer	13131	98	2005012848	Pecos Valley Alluvium Aquifer	31.271126	-103.083763	Espinoza Well #1	235.00	433.00	
8/16/2011	Espinoza	19315	258	2011080101	Edwards-Trinity Plateau Aquifer	30.884444	-102.960778	Espinoza Well	639.00	1,589.00	
6/19/2014	Ervin, Tommy	26272	458	2008061601	Pecos Valley Alluvium Aquifer	31.244967	-102.649283	House #2	4,529.00	13,770.00	103
7/11/2013	Faulkenberry, Clarence	23691	368	2005011127	Edwards-Trinity Plateau Aquifer	30.31074	-102.755	Fish Pond(West)	1,511.00	3,553.00	98
7/11/2013	Faulkenberry, Clarence	23677	385	2005011127	Edwards-Trinity Plateau Aquifer	30.31074	-102.755	Fish Pond(West)	1,231.00	2,962.00	97
7/11/2013	Faulkenberry, Clarence	23678	386	2005011128	Edwards-Trinity Plateau Aquifer	30.31074	-102.755	NE Well	647.00	1,684.00	93
4/14/2007	Fabela	12035	46	2004121118	Edwards-Trinity Plateau Aquifer	30.9549	-102.8955	Frank Fabela	649.00	1,537.00	
7/3/2013	Fl. Stockton City	23612	369	2005040606	Edwards-Trinity Plateau Aquifer	30.87278	-102.8439	Cemetery	610.00	1,445.00	93
8/15/2013	Fl. Stockton City	23957	352	2005040606	Edwards-Trinity Plateau Aquifer	30.87278	-102.8439	Cemetery	615.00	1,459.00	94
6/10/2014	Fl. Stockton City	26172	455	2005040607	PVAA and ETPA	30.98306	-103.1653	Stockton Farm Well#1	358.00	667.00	105
9/23/2015	Fl. Stockton City	29552	563	2005040607	PVAA and ETPA	30.98306	-103.1653	Stockton Farm Well#1	348.00	671.00	103
6/19/2014	Fl. Stockton City	26267	457	2005040713	Pecos Valley Alluvium Aquifer	31.03389	-103.3042	Blueridge #20	747.00	1,859.00	98
9/13/2007	Fort Stockton Holdings/Caramba#2	12729	72	2005021444	Edwards-Trinity Plateau Aquifer	30.88583	-102.9522	Caramba#2	1,183.00	2,920.00	
4/11/2007	Francis, R.P.	12049	49	2007042605	Edwards-Trinity Plateau Aquifer	30.926153	-102.867032	Fred Frank	1,451.00	3,188.00	
2/14/2014	Francis, R.P.	25248	420	2011063001	Edwards-Trinity Plateau Aquifer	30.718535	-102.74189	Yaki	248.00	491.00	99
2/14/2014	Francis, R.P.	25249	421	2011063002	Edwards-Trinity Plateau Aquifer	30.720205	-102.74189	Hannah	243.00	420.00	100
2/14/2014	Francis, R.P.	25250	422	2011063004	Edwards-Trinity Plateau Aquifer	30.702794	-102.742762	Beverlie Well	214.00	504.00	99
12/4/2014	Franklin, Jeff	27573	502	Not Registered					2,346.00	5,557.00	92
8/24/2011	Fuhrmann	19345	261					Imperial #3	3,072.00	9,985.00	
8/24/2011	Fuhrmann	19346	262					Imperial #4	3,670.00	12,121.00	
8/24/2011	Fuhrmann	19347	263					Imperial #6	242.00	2,773.00	
8/24/2011	Fuhrmann	19348	264					Imperial #7	5,773.00	16,312.00	
11/19/08	Furman, Charloette	14153	157	2005052425	Edwards-Trinity Plateau Aquifer	30.531648	-102.946947	Little House(Fulk #2)	313.00	462.00	
01/07/10	Furman/Montgomery Fulk Ranch	16115	187	2005052425	Edwards-Trinity Plateau Aquifer	30.531648	-102.946947	Little House(Fulk #2)	292.00	413.00	
11/19/08	Furman, Charloette	14154	158	2005052428	Edwards-Trinity Plateau Aquifer	30.487804	-102.971787	Fulk #5	378.00	548.00	
11/19/08	Furman, Charloette	14155	159	2005052420	Edwards-Trinity Plateau Aquifer	30.508185	-103.042934	Deep Well	304.00	451.00	
11/19/08	Furman, Charloette	14156	160	2005052420	Edwards-Trinity Plateau Aquifer	30.508185	-103.042934	Walker #1	309.00	443.00	
11/19/08	Furman, Charloette	14157	161	2005052421	Edwards-Trinity Plateau Aquifer	30.5058	-103.026653	Grainger Well	450.00	625.00	
01/07/10	Furman/Montgomery Fulk Ranch	16114	186	2005052421	Edwards-Trinity Plateau Aquifer	30.5058	-103.026653	Granger Well	434.00	607.00	
11/19/08	Furman, Charloette	14158	162	2005052427	Edwards-Trinity Plateau Aquifer	30.506017	-102.96546	Bam Well	231.00	355.00	
01/07/10	Furman/Montgomery Fulk Ranch	16112	184	2005052427	Edwards-Trinity Plateau Aquifer	30.506017	-102.96546	20Well(barn)	285.00	423.00	
01/07/10	Furman/Montgomery Fulk Ranch	16113	185	2005052420	Edwards-Trinity Plateau Aquifer	30.508185	-103.042934	House Well	305.00	444.00	
01/07/10	Furman/Montgomery Fulk Ranch	16116	188	2005052426	Edwards-Trinity Plateau Aquifer	30.503274	-102.999584	Pumpjack Well	384.00	565.00	
12/2007	Gallindo, Jose	13047	73	2005011425	Edwards-Trinity Plateau Aquifer	30.387306	-102.8981	Goat Well	744.00	1,723.00	
10/06/14	Gallardo, Raul	27019	480	2005022301	Edwards-Trinity Plateau Aquifer	30.8925	-102.9678	Raul#1(House Well)	515.00	1,382.00	101
01/21/11	Garrison, Greg	17991	223	2005010519	Edwards-Trinity Plateau Aquifer	30.87806	-102.8719	House Well	1,483.00	3,044.00	
10/11/13	Gonzalez, Abel	24554	418	2005060106	Edwards-Trinity Plateau Aquifer	30.860883	-102.869666	House Well	969.00	2,188.00	99
10/11/13	Gonzalez, Abel	24555	419	2005060105	Edwards-Trinity Plateau Aquifer	30.860579	-102.869429	South #2	323.00	941.00	93
03/06/06	Gonzalez, M. R.	10141	24	2005060103	Edwards-Trinity Plateau Aquifer	30.87392	-102.882516	Millis	1,245.00	2,531.00	

01/08/11	Gonzalez, M. R.	17934	228	2005060106	Edwards-Trinity Plateau Aquifer	30.860883	-102.869666	House Well	886.00	1,866.00	98
04/03/13	Gonzalez, M. R.	22839	317	2005060108	Edwards-Trinity Plateau Aquifer	30.860883	-102.869666	House Well	754.00	1,752.00	98
07/03/13	Gonzalez, M. R.	23613	357	2005060109	Edwards-Trinity Plateau Aquifer	30.857878	-102.892793	Well #309	1,987.00	1,987.00	90
10/10/89	Gonzalez, O.	1385	533	2004121701	Edwards-Trinity Plateau Aquifer	30.86778	-102.8914	Ranch Well	1,433.76	1,433.76	
01/28/99	Gonzalez, O.	246	532	2004121701	Edwards-Trinity Plateau Aquifer	30.86778	-102.8914	Ranch Well	13.12	1,378.20	
05/15/13	Gonzalez, O.	23292	531	2004121701	Edwards-Trinity Plateau Aquifer	30.86778	-102.8914	Ranch Well	13.61	1,400.00	
07/30/14	Gonzalez, O.	26514	471	2014121701	Edwards-Trinity Plateau Aquifer	30.86778	-102.8914	Ranch Well	528.00	1,414.00	88
04/10/15	Gonzalez, O.	28350	526	2014121701	Edwards-Trinity Plateau Aquifer	30.86778	-102.8914	Ranch Well	588.00	1,368.00	109
06/19/14	Gray, Hanvey	26266	459	2005072601	Edwards-Trinity Plateau Aquifer	30.93694	-102.86889	Yard	681.00	1,496.00	106
11/18/10	Groth/Dimple Hills	17746	216	2006020101	Edwards-Trinity Plateau Aquifer	30.37167	-102.96558	Headquarters	276.00	1,220.00	96
08/27/15	Groth/Dimple Hills	29308	549	2006020101	Edwards-Trinity Plateau Aquifer	30.37167	-102.96558	West Mill	210.00	585.00	99
11/18/10	Groth/Dimple Hills	17747	217					Lodge	393.00	807.00	
11/18/10	Groth/Dimple Hills	17748	218	2006020203	Edwards-Trinity Plateau Aquifer	30.37167	-102.9158	East Pasture	476.00	1,127.00	
				Brewster County							
11/18/10	Groth/Dimple Hills	17749	219			30.298259	-102.941751	Jack Roberts Well	372.00	900.00	
05/08/14	Groth/Dimple Hills	25872	447	Brewster		30.298259	-102.941751	(Brewster Co.) Jack Roberts Well	308.00	817.00	98
10/30/14	Groth/Dimple Hills	27284	499	Brewster		30.298259	-102.941751	(Brewster Co.) Jack Roberts Well	309.00	797.00	103
08/27/15	Groth/Dimple Hills	29306	550	Brewster		30.298259	-102.941751	(Brewster Co.) Jack Roberts Well	321.00	812.00	102
11/18/10	Groth/Dimple Hills	17750	220	2006020201	Edwards-Trinity Plateau Aquifer	30.37528	-102.9697	Shipping Pens Well	334.00	785.00	
09/24/12	Groth/Dimple Hills	21762	330	2006020102	Edwards-Trinity Plateau Aquifer	30.37167	-102.9842	Roberts Trap	309.00	824.00	95
09/24/12	Groth/Dimple Hills	21763	331	2006020104	Edwards-Trinity Plateau Aquifer	30.35222	-102.9131	Stuart W. Mill	266.00	1,697.00	99
09/24/12	Groth/Dimple Hills	2164	332	2006020101	Edwards-Trinity Plateau Aquifer	30.35345	-102.965701	West H. I. Mill	297.00	722.00	95
06/03/11	Hammond Ranch	18806	254	2005082903	Edwards-Trinity Plateau Aquifer	30.701836	-103.147993	House Well	343.00	1,059.00	
05/09/12	Hammond Ranch	20959	290	2005090611	Edwards-Trinity Plateau Aquifer	30.8	-102.9689	Blk. Gen. Well	686.00	2,134.00	99
05/21/12	Hammond Ranch	21027	291	2005082913	Edwards-Trinity Plateau Aquifer	30.70056	-103.0528	Morrow Well	510.00	1,340.00	94
05/21/12	Hammond Ranch	21028	292	2005090608	Edwards-Trinity Plateau Aquifer	30.70111	-103.1194	Low Well #9	328.00	1,062.00	90
05/21/12	Hammond Ranch	21029	293	2007050802	Edwards-Trinity Plateau Aquifer	30.71861	-103.1017	#13 New Mesquite	471.00	1,286.00	92
05/21/12	Hammond Ranch	21030	294	2005082906	Edwards-Trinity Plateau Aquifer	30.71889	-103.1019	#14 Shade Tree	520.00	1,453.00	92
05/21/12	Hammond Ranch	21031	295	2005090609	Edwards-Trinity Plateau Aquifer	30.73472	-103.0686	Big Well #1	554.00	1,564.00	93
07/16/12	Hammond Ranch	21321	366	2005092907	PVA and EPA	31.114865	-103.075831	Suter House Well	318.00	856.00	88
06/11/09	Harral	15265	166	2005062716	Edwards-Trinity Plateau Aquifer	30.78417	-102.5506	North Well	285.00	579.00	
06/11/09	Harral	15266	167	2005062715	Edwards-Trinity Plateau Aquifer	30.75139	-102.5689	Upper Ranch South Well	292.00	668.00	
06/11/09	Harral	15267	168	2005062713	Edwards-Trinity Plateau Aquifer	30.764588	-102.549341	Upper Ranch House Well	243.00	413.00	
01/21/11	Harral	17989	226	2005062708	Edwards-Trinity Plateau Aquifer	30.71806	-102.2856	Harral House	218.00	315.00	
04/03/12	Harral	20642	278	2005062708	Edwards-Trinity Plateau Aquifer	30.71806	-102.2856	Harral House	208.00	344.00	107
04/03/12	Harral	20644	280						220.00	354.00	107
07/24/13	Harris	23788	376						647.00	1,415.00	94
07/30/14	Harris Lee	26516	467	2005020732	Edwards-Trinity Plateau Aquifer	30.94972	-103.0381	Well #4	1,177.00	2,401.00	104
07/30/14	Harris Lee	26517	468	2005020729	Edwards-Trinity Plateau Aquifer	30.905	-103.0383	Well #1	1,131.00	2,422.00	104
02/23/07	Hartman	11845	41	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	648.00	1,428.00	
02/23/07	Hartman	11846	42	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	703.00	1,343.00	
03/20/07	Hartman	11960	61	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	1,125.00	2,731.00	
06/12/07	Hartman	12404	41A	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	532.00	1,180.00	
03/11/10	Hartman	16351	197	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	644.00	1,293.00	
08/16/11	Hartman	19312	255	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	670.00	1,382.00	
09/18/13	Hartman	24411	401	2005101715	Edwards-Trinity Plateau Aquifer	30.915422	-102.299822	Well #2 Hartman House	552.00	1,198.00	98
09/04/12	Hayler, B	21618	307	2013031401	Rusler	30.85778	-103.425278	South of House	387.00	616.00	103
09/23/15	Hayler, B	29555	566	2013042304		30.878888	-103.353888	Monitor Well#27	290.00	555.00	102
09/04/12	Hayler, B	21619	308					Deep Well	137.00	276.00	91
09/04/12	Hayler, B	21620	309	2011062202	Edwards-Trinity Plateau Aquifer	30.862813	-103.426625	House Well	440.00	955.00	102
04/11/14	Hayler, B	25618	525	2014070303		31.185842	-103.015935	Mobil Rd. Windmill	1,618.00	2,714.00	111
06/29/15	Hayler, B	27971	519	2014210802		30.889261	-103.446181	Ax-Creek	458.00	950.00	103
06/29/15	Hayler, B	28896	536	2015061207		31.157753	-103.231362	Pumpjack Well	675.00	1,273.00	97
09/04/12	Hayler, JB	21621	310	2011062202	Edwards-Trinity Plateau Aquifer	30.862813	-103.426625	House Well	316.00	554.00	97
01/27/15	Hayler, JB	27804	516	2015011301	Edwards-Trinity Plateau Aquifer	30.88217	-103.44884	HQ Well(Solar)	324.00	7,146.00	68
04/14/07	Hernandez	12037	45					R. O.	7.00	227.00	
04/14/07	Hernandez Well	12036	44	2005020709	Edwards-Trinity Plateau Aquifer				1,107.00	2,496.00	
07/11/13	Hernandez, E	23682	365	2004120302	Edwards-Trinity Plateau Aquifer	30.894545	-103.060558	Waterwell	1,019.00	2,328.00	95
06/19/14	Hernandez, E	26271	462	2004120302	Edwards-Trinity Plateau Aquifer	30.894545	-103.060558	House	1,091.00	2,365.00	104

10/06/14	Herschap Douglas	27025	487	2005100402	PVAA and ETPA	31.144722	-103.0922	House #3	231.00	723.00	103
08/23/07	Hicks	12661	71					House Well	370.00	661.00	
08/20/15	Hinkson, Truman	29301	547	2015081301		30.946690	-102.832280	House Well	908.00	2,022.00	108
06/01/12	Hoelscher, S	21092	298	2005100408	PVAA and ETPA	31.160274	-103.047714	Art #2	2,685.00	4,184.00	103
01/13/15	Holladay, Grover	27694	509	2005010521	Pecos Valley Alluvium Aquifer	31.196667	-102.720203	Holladay #1	2,544.00	5,840.00	89
03/20/07	Holland	11985	60	2010060101	Edwards-Trinity Plateau Aquifer	30.68646	-101.82001	House	337.00	531.00	
04/08/08	Holland	13288	110					House	409.00	646.00	
04/07/11	Holland, L.	18362	242	2010060101	Edwards-Trinity Plateau Aquifer	30.68646	-101.82001	House Well	296.00	504.00	
04/03/13	Holstein, J. T.	22841	319	2005001108	Edwards-Trinity Plateau Aquifer	30.87026	-102.8931	Office Well	761.00	1,778.00	95
04/07/11	Honaker, G.	18385	245	2005011619	Edwards-Trinity Plateau Aquifer	30.93746	-102.8838	Office Well	2,959.00	5,456.00	
02/02/10	Hoover Energy	16193	212	2010012001	Edwards-Trinity Plateau Aquifer	30.59211	-102.58715	Oasis Plant	517.00	1,237.00	
07/10/12	Hoover Energy	21279	299	2010012005	Edwards-Trinity Plateau Aquifer	30.669439	-102.49432	Mitchell Plant	275.00	497.00	93
10/16/09	Houseknecht	15870	183	2004122701	Edwards-Trinity Plateau Aquifer	30.90967	-102.9521	House	1,382.00	3,284.00	
01/08/11	Houseknecht	17935	229	2004122701	Edwards-Trinity Plateau Aquifer	30.90967	-102.9521	House Well	1,315.00	3,061.00	
07/11/13	Houseknecht	23689	367	2004122701	Edwards-Trinity Plateau Aquifer	30.90967	-102.9521	House Well	1,284.00	3,100.00	99
02/03/12	Houseknecht	20443	265	2004122701	Edwards-Trinity Plateau Aquifer	30.90967	-102.9521	House Well	1,281.00	3,029.00	
06/10/14	Houseknecht	26173	453	2004122701	Edwards-Trinity Plateau Aquifer	30.90967	-102.9521	House Well	1,279.00	2,955.00	104
09/06/15	Jackson, Billy	29461	559	2014072201	Edwards-Trinity Plateau Aquifer	30.860949	-102.896580	Water Station	545.00	1,365.00	101
06/17/08	Jamison	13458	118	2005011413	PVAA and ETPA	30.96778	-103.1861	#1(Well@Hse)	804.00	2,011.00	Artesian
06/17/08	Jamison	13459	119					#2	1,308.00	2,983.00	Artesian
07/28/06	Jepson	11073	18	2005082605	PVAA and ETPA	31.00194	-102.2356	Jepson #5	1,737.00	3,654.00	Artesian
09/21/06	Johnson, Bill	11333	29	2006111401	Edwards-Trinity Plateau Aquifer	30.91833	-102.8856	House Well	831.00	1,816.00	Artesian
01/08/11	Johnson, Bill	17938	232	2006111401	Edwards-Trinity Plateau Aquifer	30.91833	-102.8856	House Well	781.00	1,745.00	
10/16/07	Kendy	12846	82	2005051212	Edwards-Trinity Plateau Aquifer	30.83111	-103.2014	House #1	447.00	756.00	
10/16/07	Kendy	12845	84	2005051208	Edwards-Trinity Plateau Aquifer	30.8375	-103.2372	Bond Mill	398.00	842.00	
10/16/07	Kendy	12844	85	2005051201	PVAA and ETPA	30.88583	-103.1564	B Storage	309.00	750.00	
03/29/10	Kennedy Ranch	16410	192	2005051214	Edwards-Trinity Plateau Aquifer	30.81528	-103.1794	Sulphur Well	3,941.00	5,454.00	
03/29/10	Kennedy Ranch	25825	436	2014051201	Edwards-Trinity Plateau Aquifer	30.81528	-103.1794	Sulphur Well Tank	2,632.00	3,584.00	
05/07/14	Kennedy Ranch	25825	437	2014051201	Edwards-Trinity Plateau Aquifer	30.810829	-103.228599	Kennedy Ranch 1	339.00	729.00	99
05/07/14	Kennedy Ranch	25826	437	2014051201	Edwards-Trinity Plateau Aquifer	30.810829	-103.228599	Kennedy Ranch 2	339.00	735.00	99
12/15/06	Kesner	11689	26	2005052419	PVAA and ETPA	31.16554	-103.172861	Windmill	332.00	350.00	
12/04/14	Kimble	27575	504	2005021417	Edwards-Trinity Plateau Aquifer	30.892875	-103.06336	House Well	1,093.00	2,406.00	100
06/10/10	King, Bentley	12196		2005061004	Edwards-Trinity Plateau Aquifer	30.75139	-103.4694	House Well	259.00	394.00	
06/10/10	King, Bentley	12196		20100032301	Edwards-Trinity Plateau Aquifer	30.786521	-103.445936	Solar Well	332.00	488.00	
07/11/13	King, Bentley	23687	397	20100032301	Edwards-Trinity Plateau Aquifer	30.786521	-103.445936	Solar Well	253.00	473.00	89
07/03/13	King, Bentley	23614	358	20100032301	Edwards-Trinity Plateau Aquifer	30.786521	-103.445936	Pioneer Reliance #1, #2	463.00	1,117.00	87
05/27/14	King, Bentley	26032	456	20100032301	Edwards-Trinity Plateau Aquifer	30.786521	-103.445936	Solar Well	332.00	569.00	99
02/14/14	King, Bentley/E. Woodward	25251	424	2014010302	Edwards-Trinity Plateau Aquifer	30.879061	-103.071072	Greasewood	185.00	337.00	98
05/09/07	Kneupper	12196		2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	546.00	1,086.00	
09/05/06	Kneupper, Don	11290	3	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	567.00	1,003.00	
05/17/07	Kneupper, Don	12209	3A	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	597.00	1,070.00	
06/12/07	Kneupper, Don	12406	3B	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	611.00	1,099.00	
12/08/09	Kneupper, Don	16346	195	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	613.00	1,119.00	
03/11/10	Kneupper, Don	19313	256	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	628.00	1,076.00	
08/16/11	Kneupper, Don	19313	256	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	682.00	1,155.00	
12/09/11	Kneupper, Don	20139	262	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	523.00	1,043.00	
11/4/08	Kneupper, Donald	14074	156	2005060705	Edwards-Trinity Plateau Aquifer	30.89043	-102.29983	(in Bakersfield)	574.00	1,045.00	
05/31/11	Kneupper, Donald	18789	253	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	528.00	1,073.00	
09/18/13	Kneupper, Donald	24409	404	2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	605.00	1,114.00	99
10/06/14	Kneupper, Donald			2005060704	Edwards-Trinity Plateau Aquifer	30.898281	-102.319982	House Well	577.00	1,036.00	108
07/18/13	Kring	23715	345	2012031906	Edwards-Trinity Plateau Aquifer	30.45945	-102.892		483.00	1,073.00	96
07/18/13	Kring	23716	346	2012031906	Edwards-Trinity Plateau Aquifer	30.45945	-102.892		482.00	1,130.00	87
08/15/13	Kring	23953	348	2012031906	Edwards-Trinity Plateau Aquifer	30.45945	-102.892		488.00	1,101.00	96
04/26/07	Landreth	12068	53	2005060820	Edwards-Trinity Plateau Aquifer	30.90469	-102.30764	UL#8 #1	466.00	979.00	
04/26/07	Landreth	12069	54	2005060820	Edwards-Trinity Plateau Aquifer	30.90077	-102.30752	UL#8 #2	1,447.00	2,688.00	
02/27/12	Lemons	20456	266	2012031906	Edwards-Trinity Plateau Aquifer	30.95945	-102.892	House	577.00	1,540.00	
03/09/12	Lobstein	20541	276	2005011817	Edwards-Trinity Plateau Aquifer	30.96667	102.9833	House Well	515.00	1,159.00	
04/03/13	Lujan, L	22843	321	2005011463	Edwards-Trinity Plateau Aquifer	30.855576	-102.896152	Well Two-Monitor#333	1,161.00	2,341.00	98
08/27/10	Lujan, L	29309	551	2005011463	Edwards-Trinity Plateau Aquifer	30.855576	-102.896152	Well Two-Monitor#333	1,185.00	2,228.00	105
05/02/06	MRK (Puddle Jumpers)/Boehmer	10365	37	2013110401	PVAA and San Andres?	31.238538	-102.724148	MRK-East(Boehmer #1/Ansan)	2,816.00	8,525.00	
06/05/13	MRK (Puddle Jumpers)/Boehmer	23344	407	2013110401	PVAA and San Andres?	31.238538	-102.724148	MRK-East(Boehmer #1/Ansan)	3,138.00	8,686.00	82

05/02/06	MRK (Puddle Jumpers)/Boehmer	10366	38	2013110402	PVAA and San Andres?	31.234284	-102.7331146	MRK-West (Boehmer #1/Artesian)	3,508.00	9,728.00	83
06/05/13	MRK (Puddle Jumpers)/Boehmer	23345	408	2013110402	PVAA and San Andres?	31.234284	-102.7331146	MRK-West (Boehmer #1/Artesian)	3,571.00	10,358.00	83
03/17/14	MRK (Puddle Jumpers)/Boehmer	25360	425	2013110401	PVAA and San Andres?	31.238538	-102.724148	MRK-East / Domestic	2,824.00	7,361.00	96
03/17/14	MRK (Puddle Jumpers)/Boehmer	25360	426	2013110401	PVAA and San Andres?	31.238538	-102.724148	MRK-East / Aquaculture	2,824.00	7,361.00	96
03/17/14	MRK (Puddle Jumpers)/Boehmer	25360	427	2013110401	PVAA and San Andres?	31.238538	-102.724148	MRK-East / Livestock	2,824.00	7,361.00	96
03/17/14	MRK (Puddle Jumpers)/Boehmer			2013110402	PVAA and San Andres?	31.234284	-102.7331146	MRK-West / Domestic	3,113.00	8,265.00	101
03/17/14	MRK (Puddle Jumpers)/Boehmer			2013110402	PVAA and San Andres?	31.234284	-102.7331146	MRK-West - Aquaculture	3,113.00	8,265.00	101
03/17/14	MRK (Puddle Jumpers)/Boehmer			2013110402	PVAA and San Andres?	31.234284	-102.7331146	MRK-West - Livestock	3,113.00	8,265.00	101
07/11/13	LUV's	23686	400	2005010201	Edwards-Trinity Plateau Aquifer	31.228763	-103.022077	Elmer Franks Monitor Well#310	757.00	1,711.00	96
07/16/12	Mandujano Brothers	21317	302	2005092801	Pecos Valley Alluvium Aquifer	31.228763	-103.022077	Sec. 35	349.00	988.00	87
05/08/14	Mandujano Brothers	25871	445	2005092801	Pecos Valley Alluvium Aquifer	31.228763	-103.022077	Sec. 35	438.00	1,230.00	99
07/16/12	Mandujano Brothers	21318	303	2005092001	Pecos Valley Alluvium Aquifer	31.18778	-103.07	Tipton	342.00	861.00	89
07/16/12	Mandujano Brothers	21320	304	2013042401	Pecos Valley Alluvium Aquifer	31.257769	-103.019595	Sec. 32	410.00	1,182.00	90
07/16/12	Mandujano Brothers	21320	305	2005111004	Pecos Valley Alluvium Aquifer	31.257714	-103.019595	Sec. 33	1,505.00	2,710.00	93
05/17/06	Matthies, Zan	10642	13	2005040717	Edwards-Trinity Plateau Aquifer	30.95028	-102.867182	#1 Big Well 53-02-01	1,241.00	3,194.00	
07/24/06	Matthies, Zan	10958	13A	2005040718	Edwards-Trinity Plateau Aquifer	30.950458	-102.867182	#2 Monitor Well#38	1,224.00	2,994.00	
03/09/06	McAnally, B.	10165	19	2004121405	Edwards-Trinity Plateau Aquifer	30.855	-102.9097	Elyson Blvd Well	287.00	1,643.00	91
12/19/12	McComb	22255	314	200512503	Edwards-Trinity Plateau Aquifer	30.888476	-102.915855	Monitor Well #312	4,119.00	15,813.00	103
06/19/14	McCulloch, Michael	26269	460	2004111001	Pecos Valley Alluvium Aquifer	31.190084	-102.506531	House Well	224.00	439.00	102
10/06/14	McIntyre Estate (JD)	20		2014093001				Golden Spread Redi Mix 1	211.00	377.00	
01/07/08	McKenzie	13065	96						271.00	472.00	
05/09/07	McKenzie, Derrick								270.00	477.00	
06/12/07	McKenzie, Derrick	12403	63						270.00	477.00	
08/11/06	McKenzie, Gregg	11199	6	2014060308	Edwards-Trinity Plateau Aquifer	30.92337	-102.2873	Adobe	391.00	808.00	
08/11/06	McKenzie, Gregg	11198	7	2014060302	Edwards-Trinity Plateau Aquifer	30.92209	-102.35799	House Well	402.00	854.00	
10/26/10	McKenzie, Gregg	17607	213	2014060302	Edwards-Trinity Plateau Aquifer	30.92209	-102.35799	House Well	416.00	870.00	
08/11/06	McKenzie, Gregg	11197	8	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	340.00	666.00	
03/11/10	McKenzie	16347	196	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	340.00	670.00	
10/26/10	McKenzie, Gregg	17608	214	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	324.00	685.00	
05/17/07	McKenzie, Gregg	12208	8A	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	340.00	676.00	
06/12/07	McKenzie, Gregg	12405	8B	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	377.00	727.00	
05/09/07	McKenzie, Gregg	12155		2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	350.00	715.00	
09/18/13	McKenzie, Gregg	24410	403	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	370.00	740.00	98
10/30/14	McKenzie, Gregg	27285	493	2013041101	Edwards-Trinity Plateau Aquifer	30.899238	-102.289142	Latch #1	879.00	2,013.00	103
04/25/12	McKenzie, Gregg	20898	287	2013041102	PVAA and ETPA	30.972317	-102.288955	Deer Camp	539.00	1,224.00	95
07/11/13	McKenzie, Gregg	23676	372	2013041102	PVAA and ETPA	30.972317	-102.288955	Deer Camp	553.00	1,324.00	92
10/30/14	McKenzie, Gregg	27286	494	2013041102	PVAA and ETPA	30.972317	-102.288955	Deer Camp	551.00	1,215.00	107
07/30/15	McKenzie, Gregg	29150	543	2013041102	PVAA and ETPA	30.972317	-102.288955	Deer Camp	615.00	1,341.00	101
03/06/06	McKenzie, H.	10142	14						1,029.00	2,334.00	
09/05/06	McKenzie, H.	11292	2						562.00	1,177.00	
04/14/07	McKenzie, H.	12033	56	2004111505	Edwards-Trinity Plateau Aquifer	30.77222	-102.6028	High Sub 4 sub	281.00	434.00	
06/24/08	McKenzie, H.	13519	124	2005021631	Edwards-Trinity Plateau Aquifer	30.77861	-102.5756	Headquarter Well-House	604.00	1,333.00	
04/03/12	McKenzie, H.	20845	281	2005021631	Edwards-Trinity Plateau Aquifer	30.77861	-102.5756	Headquarter Well-House	502.00	944.00	104
04/06/11	McKenzie, H.	18360	240	2004112303	Edwards-Trinity Plateau Aquifer	30.776544	-102.594172	Seq #10 City Monitor/Submersible	614.00	1,242.00	
07/03/13	McKenzie, H.	23615	371	2004112303	Edwards-Trinity Plateau Aquifer	30.776544	-102.594172	Seq #10 City Monitor/Submersible	580.00	1,334.00	90
04/03/12	McKenzie, H.	20846	282	2004112303	Edwards-Trinity Plateau Aquifer	30.776544	-102.594172	Seq #10 City Monitor/Submersible	636.00	1,322.00	103
10/30/14	McKenzie, H.	27287	498	2004111505	Edwards-Trinity Plateau Aquifer	30.777220	-102.602800	Sub 6'	647.00	1,293.00	111
02/20/06	McKenzie, M.	10010	32	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	Seq #7 (BiAnnual)House Well	838.00	1,547.00	
07/11/13	McKenzie, M.	23679	361	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	Seq #7 (BiAnnual)House Well	787.00	1,567.00	94
10/30/14	McKenzie, M.	27288	497	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	House Well	486.00	1,067.00	114
02/21/06	McKenzie, M. (B. Ward)	10024	33	2006020703	Ruster	30.85452	-102.058279	Seq# 304(Monthly)Artesian 52-16-04	1,216.00	1,041.00	
10/03/08	McKenzie, Mickie	13968	151						732.00	1,455.00	
07/30/15	McKenzie, Mickie	29148	544	Not Registered				not registered	494.00	1,184.00	96
04/06/11	McKenzie, M.	18356	236	2006020603	Edwards-Trinity Plateau Aquifer	30.830097	-103.061624	Seq#304(Monthly)Belding Windmill	181.00	846.00	
08/30/13	McKenzie, M.	24114	393	2006020603	Edwards-Trinity Plateau Aquifer	30.830097	-103.061624	Seq#304(Monthly)Belding Windmill	229.00	902.00	96
04/06/11	McKenzie, M.	18357	237					House Well	879.00	1,596.00	
02/17/12	McKenzie, M.	20425	268	2006012704	Edwards-Trinity Plateau Aquifer	30.973387	-102.174179	Seq #45(BiAnnual)D. Harper-Webb	486.00	1,153.00	
07/11/13	McKenzie, M.	23684	374	2006012704	Edwards-Trinity Plateau Aquifer	30.973387	-102.174179	Seq #45(BiAnnual)D. Harper-Webb	471.00	1,177.00	91
02/17/12	McKenzie, M.	20423	269	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	Seq#7(BiAnnual)Cadle - House	406.00	852.00	

05/07/14	McKenzie, M	25827	446	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	Seq#7(B/Annual)Cade - House	768.00	1,460.00	103
07/30/15	McKenzie, M.	29152	545	2006012702	Edwards-Trinity Plateau Aquifer	30.97569	-102.194357	Seq#7(B/Annual)Cade - House	816.00	1,609.00	96
07/17/12	McKenzie, M	20428	270	2006012703	Rustler	30.94389	-102.1964	Canyon Well	489.00	1,162.00	
07/30/15	McKenzie, M	29155	546	2006012703	Rustler	30.94389	-102.1964	Monitor #6-Arco Well	784.00	1,539.00	99
04/06/11	McKenzie, M. (B. Ward)	18358	238					House Well	600.00	1,431.00	
01/11/07	McKenzie, Stump			2005021531	Edwards-Trinity Plateau Aquifer	30.915767	-102.317517	(Bakersfield)	323.00	842.00	
04/07/11	McKenzie, S.	18366	246	2012052501	Edwards-Trinity Plateau Aquifer	30.859722	-102.333888	Camp Well	422.00	843.00	
06/12/07	McKenzie, S.	12400	274	2005021533	Edwards-Trinity Plateau Aquifer	30.892983	-102.379983	1-10 Mill	357.00	841.00	
01/11/07	McKenzie, S.	11740	27	2005021533	Edwards-Trinity Plateau Aquifer	30.892983	-102.379983	1-10 Mill	452.00	842.00	
02/17/12	McKenzie, S.	20424	271	2012052501	Edwards-Trinity Plateau Aquifer	30.859722	-102.333888	Camp Well	770.00	1,510.00	101
01/13/15	McKenzie, S.	25033	417	2012052501	Edwards-Trinity Plateau Aquifer	30.859722	-102.333888	Camp Well	453.00	910.00	109
10/30/14	McKenzie, S.	27289	496	2005021526	Edwards-Trinity Plateau Aquifer	30.887300	-102.399583	Round Mtn	437.00	870.00	109
08/27/15	Mills, Homer/Jim Dacus	29307	548	Brewster County	Edwards-Trinity Plateau Aquifer	30.56691	-102.51878	George's Well Brewster County	304.00	468.00	105
05/15/13	Moore, Bruce	23290	383	2013071101	Edwards-Trinity Plateau Aquifer	30.56691	-102.51878	Well#1	1,200.00	2,636.00	110
05/15/13	Moore, Bruce	23290	384	2013071102	Edwards-Trinity Plateau Aquifer	30.56691	-102.51883	Well #2	946.00	2,131.00	92
08/30/13	Moore, Bruce	24113	392	2013071101	Edwards-Trinity Plateau Aquifer	30.56691	-102.51878	Well #1	732.00	1,638.00	106
10/07/08	Moore, Pearl (Pitchfork) Newsom	14001	153	2005120705	Edwards-Trinity Plateau Aquifer	30.937983	-103.010883	TM 2 Pitch Fork Ranch	130.00	866.00	
05/06/10	Moore, Pearl (Pitchfork) Newsom	16671	191	2005120705	Edwards-Trinity Plateau Aquifer	30.937983	-103.010883	TM 2 Pitch Fork Ranch	152.00	960.00	
01/13/15	MRK (Puddle Jumpers)/Boehmer	27690	505	2013110401	PVAA and San Andres?	31.238538	-102.724148	East Art	2,768.00	7,456.00	99
01/13/15	MRK (Puddle Jumpers)/Boehmer	27691	506	2013110402	PVAA and San Andres?	31.234284	-102.731146	West Art	2,660.00	7,502.00	100
10/03/08	Natera	13967	154	2008101401	Edwards-Trinity Plateau Aquifer	30.53002	-102.54576	House Well	747.00	1,705.00	99
09/12/06	Nature Conservancy/Diamond Y	11272	11						127.00	684.00	
08/31/07	Nature Conservancy/Diamond Y	12679	75	2005010635	Edwards-Trinity Plateau Aquifer	31.03508	-102.9041	House Well	5,027.00	17,796.00	
08/31/07	Nature Conservancy/Diamond Y	12678	76	2007083101	Edwards-Trinity Plateau Aquifer	31.045168	-102.907154	Monitor #328-Exxon Well	344.00	2,632.00	
08/12/07	Nature Conservancy/Diamond Y	13335	112						127.00	648.00	
04/18/08	Nature Conservancy/Diamond Y	13355	112						526.00	1,308.00	
01/25/13	Nature Conservancy	22362	316						4,709.00	17,828.00	86
07/08/08	Newby	13589	150								
08/15/13	Noelke	23956	351	2005021716	Edwards-Trinity Plateau Aquifer	30.66694	-101.8358	Red Barn Well	574.00	1,467.00	
10/30/14	Noelke	27283	495	2005021716	Edwards-Trinity Plateau Aquifer	30.66694	-101.8358	Hddrts Milt-Barn	273.00	490.00	89
02/14/14	Nutt Family, Warren, Joel, Bobbie-Su	25252	423	2005072806	Edwards-Trinity Plateau Aquifer	30.844036	-102.521824	Hddrts Milt-Barn	284.00	472.00	110
10/06/14	Nutt, Warren	27029	486	2014050302	Edwards-Trinity Plateau Aquifer	30.8629	-102.49899	Well#8 Mid-South Solar Well	451.00	1,012.00	99
03/09/12	Oyervidez	20542	277	2007031908	Edwards-Trinity Plateau Aquifer	30.56335	102.49573	Monitor, #354	720.00	1,674.00	102
05/09/07	Padilla	12153	47	2007042606	Edwards-Trinity Plateau Aquifer	30.926666	-102.85028	Yard Well	395.00	1,229.00	
01/17/14	PCWCID#1	25034	416	2005061514	PVAA and ETPA	30.953968	-103.194642	No Name	985.00	2,510.00	
07/11/13	PCWCID#1	23690	370	2005061505	PVAA and ETPA	30.93772	-103.187121	Well #15	332.00	671.00	94
04/11/14	PCWCID#1	25624	448	2005061505	PVAA and ETPA	30.93772	-103.187121	Monitor Well #307	478.00	940.00	6
02/19/15	PCWCID#1	29770	518	2005061505	PVAA and ETPA	30.93772	-103.187121	#7.1	391.00	809.00	90
09/23/15	PCWCID#1	29553	564	2005061505	PVAA and ETPA	30.93772	-103.187121	#7.1(Monitor Well#307)	490.00	885.00	104
08/08/14	PCWCID#1	26604	466	2005061509	PVAA and ETPA	30.96861	-103.1731	#7.1(Monitor Well#307)	444.00	867.00	99
09/23/15	PCWCID#1	29554	565	2005061509	PVAA and ETPA	30.96861	-103.1731	Well #10	391.00	882.00	101
04/10/15	PCWCID#1	28348	527					Well #10	372.00	878.00	98
06/17/08	Pecos Land Farm	13460	120	2007082801	PVAA and ETPA	31.180487	-102.78083	Comanche Springs	952.00	1,972.00	107
01/13/15	Pecos River	27695	510	Pecos River		Girvin, TX		Fresh Water Well-Main	1,718.00	4,484.00	
10/28/14	Pecos SS(Solar)	27221	489	2005081031	PVAA and ETPA	31.06361	-102.4783	Pecos River	3,218.00	12,481.00	95
10/28/14	Pecos SS	27222	491	2005081037	PVAA and ETPA	31.04167	-102.5092	Well#3 (Solar)	2,206.00	5,590.00	100
06/29/07	Perry, R.	12485	58					Well #16A	2,357.00	4,903.00	105
06/05/13	Perry, R.	23346	373						290.00	467.00	
09/13/07	Pitch Fork	12725	65	2005120701	Edwards-Trinity Plateau Aquifer	30.378103	-103.021241	House	263.00	507.00	88
09/13/07	Pitch Fork	12728	66	2005120702	Edwards-Trinity Plateau Aquifer	30.397783	-103.011233	House	532.00	1,044.00	
08/13/07	Pitch Fork	12731	67	2005120703	Edwards-Trinity Plateau Aquifer	30.393017	-102.99325	TM#1	8.00	1,463.00	
09/13/07	Pitch Fork	12730	68	2005120704	Edwards-Trinity Plateau Aquifer	30.3972	-103.002367	N Past ES-PF	327.00	671.00	
09/13/07	Pitch Fork	12727	69					NE Mill - PF	541.00	1,121.00	
09/13/07	Pitch Fork	12726	70	2005120705	Edwards-Trinity Plateau Aquifer	30.397983	-103.010883	S. Past ES	293.00	693.00	
07/15/08	Porter, Gerald	13648	149					House Livestock	425.00	885.00	
11/19/08	Porter, Gerald	14162	163	2005052008	Edwards-Trinity Plateau Aquifer	30.55167	-102.3528	Wood Tower	368.00	608.00	
05/08/14	Porter, Sheridan	25876	435	2014050601	Edwards-Trinity Plateau Aquifer	30.905578	-102.822378	Porter House Well (Chapman)	567.00	1,186.00	
07/15/08	Puckett, Jerry	13647	129					Mesa Flat	734.00	1,744.00	103
07/15/08	Puckett, Jerry	13646	130					Spare Headquarters	233.00	374.00	
07/15/08	Puckett, Jerry	13645	131					North Mill	216.00	357.00	
								C-1	270.00	475.00	

09/19/14	Telles	26945	472	2005010304	Edwards-Trinity Plateau Aquifer	30.80773	-102.1472	Center Well	245.00	398.00	103
12/04/14	Telles	27574	503	2005010304	Edwards-Trinity Plateau Aquifer	30.80773	-102.1472	Center Well	345.00	676.00	94
09/19/14	Telles	26944	473	2005010308	Edwards-Trinity Plateau Aquifer	30.80575	-102.1285	West Well	224.00	363.00	102
01/27/15	Telles	27802	515	2005010304	Edwards-Trinity Plateau Aquifer	30.80773	-102.1472	Center Well	353.00	658.00	104
09/09/15	Texas Fresh Farms	29459	562	2005121608	PVAA and ETPA	31.076183	-102.531583	Fish Pond	2,144.00	4,852.00	101
04/12/06	Tibbitts, Darrell	10281	20	2005031717	PVAA and ETPA	30.94778	-102.8467	Well #1	796.00	2,003.00	
05/31/11	Tinkler	18787	251	2009020901	PVAA and ETPA	30.913333	-103.177222	Chadborne Well	398.00	695.00	
05/31/11	Tinkler	18788	252	2009020901	PVAA and ETPA	30.913333	-103.177222	Chadborne Well	426.00	701.00	
07/18/13	Tinkler/Tyrell	23714	347					Tyrell	406.00	1,029.00	92
10/19/12	Tropoza Well #1	20224	264	Not Registered				Investigation Well	10,953.00	103,445.00	
07/28/14	Trace Operating	27219	500	2014110503		31.054935	-102.358974	Industrial	863.00	1,548.00	108
06/19/08	Trans Pecos Ranch	13516	121	2005012858	Edwards-Trinity Plateau Aquifer	30.764166	-102.44417	House Well	238.00	392.00	
06/19/08	Trans Pecos Ranch	13517	122	2005012850	Edwards-Trinity Plateau Aquifer	30.743334	-102.4725	McCorkle House Well	243.00	404.00	
06/19/08	Trans Pecos Ranch	13518	123	2005012851	Edwards-Trinity Plateau Aquifer	30.732779	-102.47334	South Harrah Well	242.00	394.00	
05/31/11	Trans Pecos Ranch	18786	250	2005012854	Edwards-Trinity Plateau Aquifer	30.763851	-102.478353	Monitor #261-West Mill	582.00	1,179.00	
01/04/12	Trans Pecos Ranch	20201	263	2005012854	Edwards-Trinity Plateau Aquifer	30.763851	-102.478353	Monitor #261-West Mill	232.00	405.00	
04/03/12	Trans Pecos Ranch	20643	279	2005012854	Edwards-Trinity Plateau Aquifer	30.763851	-102.478353	Monitor #261-West Mill	222.00	383.00	102
07/03/13	Trans Pecos Ranch	23617	387	2005012854	Edwards-Trinity Plateau Aquifer	30.763851	-102.478353	Monitor #261-West Mill	206.00	367.00	99
10/06/14	Trans Pecos Ranch	13989	152	2005012853	Edwards-Trinity Plateau Aquifer	30.785278	-102.49834	West Pasture Well	218.00	349.00	104
10/06/08	Turman, Hoppy (Saidor)			2005051810	Edwards-Trinity Plateau Aquifer	30.975	-102.8586	Farm Well	3,647.00	5,559.00	109
05/08/07	University of Texas Lands			2005021602	Edwards-Trinity Plateau Aquifer	30.895559	-102.37743	OST V South Well	811.00	2,088.00	
05/09/07	University of Texas Lands			2005021603	Edwards-Trinity Plateau Aquifer	30.90341	-102.37476	OST V South Well	790.00	2,070.00	
06/12/07	University of Texas Lands	12410	64					OST V North	820.00	1,964.00	
06/29/07	Urquides	12486	43	2005011424	Edwards-Trinity Plateau Aquifer	30.95222	-102.8458		1,529.00	3,511.00	
03/05/15	WAHA	28171	521	2005111003	Captain Reef Complex	31.249559	-102.92859	WAHA #2	2,420.00	4,215.00	87
03/05/15	WAHA	28172	522	2005052429	Captain Reef Complex	31.247318	-102.919192	WAHA#3	2,430.00	6,309.00	91
03/05/15	WAHA	28173	523	2005062806	Captain Reef Complex	31.238739	-102.918528	WAHA#5	1,752.00	3,193.00	97
03/05/15	WAHA	28174	524	2010100401	Captain Reef Complex	31.239767	-102.930917	WAHA#6	2,820.00	4,564.00	96
03/09/06	Ward B	10166	25	2005060610	Edwards-Trinity Plateau Aquifer	30.907177	-102.942879	(Monitor#36) 95 Well	575.00	1,562.00	
07/11/13	Ward B	23685	363	2005060610	Edwards-Trinity Plateau Aquifer	30.907177	-102.942879	(Monitor#36) 95 Well	534.00	1,440.00	93
07/08/08	Ward B	13730	138	2005060610	Edwards-Trinity Plateau Aquifer	30.907177	-102.942879	(Monitor#36) 95 Well	546.00	1,448.00	
02/03/12	Ward B	20444	274	2005060610	Edwards-Trinity Plateau Aquifer	30.907177	-102.942879	(Monitor#36) 95 Well	604.00	1,527.00	
09/13/06	Weatherby, Paul	11312	28	2004120304	Edwards-Trinity Plateau Aquifer	30.9271	-102.876159	Kalico Orchard/West Well	1,369.00	3,059.00	Artesian
06/01/07	Weatherby, Paul			2004123010	PVAA and ETPA	31.15028	-103.1172	Section 16	290.00	598.00	
07/14/09	Weatherby, Paul	15428	179						242.00	560.00	
01/08/11	Weatherby, Paul	17939	233	2004120303	Edwards-Trinity Plateau Aquifer	30.927221	-102.87556	Kalico Orchard	1,197.00	2,596.00	
06/09/14	Weatherby, Paul	26122	450	2004120303	Edwards-Trinity Plateau Aquifer	30.927221	-102.87556	Kalico Orchard	1,024.00	2,265.00	104
10/30/07	Weatherman, A.	12903	92	2005011021	PVAA and ETPA	31.01673	-102.7336	Solar	1,806.00	4,022.00	
06/19/14	Westmoreland, William	26270	461	2005091414	Pecos Valley Alluvium Aquifer	31.213811	-102.715901	Garrett Well #7	6,355.00	15,293.00	104
03/05/15	Westmoreland, William	28175	520	2005091414	Pecos Valley Alluvium Aquifer	31.213811	-102.715901	Garrett Well #7	6,178.00	15,412.00	101
01/27/15	Westmoreland, William	27803	517	Leaking well		31.217491	-102.71282	Not Register-Leaking Well	5,569.00	76,310.00	97
06/08/15	Westmoreland, William	28788	534	Leaking well		31.217491	-102.71282	Not Register-Leaking Well	7,442.00	63,957.00	91
07/25/08	Williams, J	13679	147	2005021441	Edwards-Trinity Plateau Aquifer			Caramba House	612.00	1,497.00	
10/29/07	Wilson, Lee	12890	16A	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	550.00	1,368.00	
07/08/08	Wilson, Lee	13731	139	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	500.00	1,325.00	
03/06/06	Wilson, Lee	10143	16	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	509.00	1,300.00	
07/14/09	Wilson, Lee	15426	181	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	694.00	1,276.00	
05/07/14	Wilson, Lee	25824	441	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	510.00	1,276.00	102
04/07/11	Wilson, L.	18361	241	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	546.00	1,278.00	
02/17/12	Wilson, Lee	20422	275	2005020709	Edwards-Trinity Plateau Aquifer	30.969172	-103.024191	Monitor #35-House	491.00	1,256.00	
09/05/06	Wolfe or Univ. of Texas(Chevron)			2014060320	Edwards-Trinity Plateau Aquifer	30.881492	-102.301483	Bolen	314.00	597.00	
05/09/07	Wolfe or Univ. of Texas			2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	376.00	793.00	
09/05/06	Wolfe, R.	11291	5	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	351.00	690.00	
10/06/14	Wolfe, R.	12205	5A	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	370.00	763.00	107
05/29/07	Wolfe, R.	12402	5B	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	376.00	1,080.00	
06/12/07	Wolfe, R.	18369	248	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	21.00	222.00	
04/07/11	Wolfe, R.	18369	249	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	347.00	722.00	
05/31/11	Wolfe, R.	18785	249	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	379.00	714.00	
08/16/11	Wolfe, R.	19310	257	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	385.00	780.00	
09/18/13	Wolfe, R.	24408	405	2005060822	Edwards-Trinity Plateau Aquifer	30.8905	-102.299156	Wolfe's Excon	373.00	819.00	99
08/11/06	Woodward, E.	11201	9	2014060502	Edwards-Trinity Plateau Aquifer	30.91722	-102.26874	Office Well	377.00	727.00	

