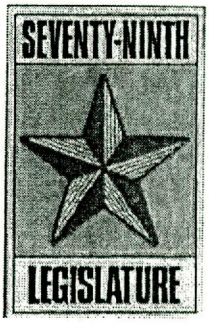
Panhandle Water News

PANHANDLE GROUNDWATER DISTRICT
"Conserving Water for Future Generations"

July 2005

79th Texas Legislative Session Addresses Ground Water Management

PGCD general manager, C. E. Williams, is very active in the legislative process and serves as chairman of the Texas Groundwater Legislative Coalition. He spent much of the first part of the year at the state capitol monitoring water legislation. According to Williams, the session was difficult but the water districts fared reasonably well, in the end. A number of bills introduced related to water, but only a few were passed. One bill that did not pass was SB 3, which came along so late in the process that it was almost doomed from the beginning. However, Mr. Williams feels that many of the issues that were contained in the bill, and did not get addressed in this session, will be back before the legislature, in coming sessions.



One notable exception is the joint planning improvements that were amended to HB 1763, in the final days of the session. The language added, addressing joint planning, is a workable solution to the issue of multiple districts with differing regulations over the same aquifer. The bill gives districts in the sixteen Groundwater Management Areas the opportunity to proactively come up with solutions to address each of their unique problems. HB 1763 contains the flexibility to address varying issues that are contained in each of the aquifers and districts, while striving to promote common regulation where possible. Proactive districts will have the opportunity to craft win/win solutions for each of their particular aquifers and districts, within the five year time-frame given in the bill. This should prove to be a fruitful addition to the Water Code.

Ten new groundwater districts were created during the session, most of which are single county districts and several others districts made changes to their Enabling Legislation.

The following bills, pertaining to water or the operation of groundwater districts, passed.

SB 18 – Relating to notices and hearings for tax rate increases. With this bill, a tax rate increase of any amount initiates the notice and hearing process, with two hearings required.

SB 286 - Requires public officials to receive training in the requirements of open meetings and public information laws. This legislation becomes effective Jan. 1, 2006.

SB 594 – Relates to the inter-basin transfer to water rights within certain regional water planning areas.

HB 57 – Relates to the dates on which elections may be held. This changes general or special election dates to either May or November. This bill will require PGCD to change the date of Board of Director elections.

HB 578 – Relates to a statewide emergency water delivery plan. This legislation requires regional water planning groups to identify existing major water infrastructure facilities that may be used for interconnections in the event of an emergency shortage of water. Due to security concerns, this information is excluded from required disclosure under public information laws.

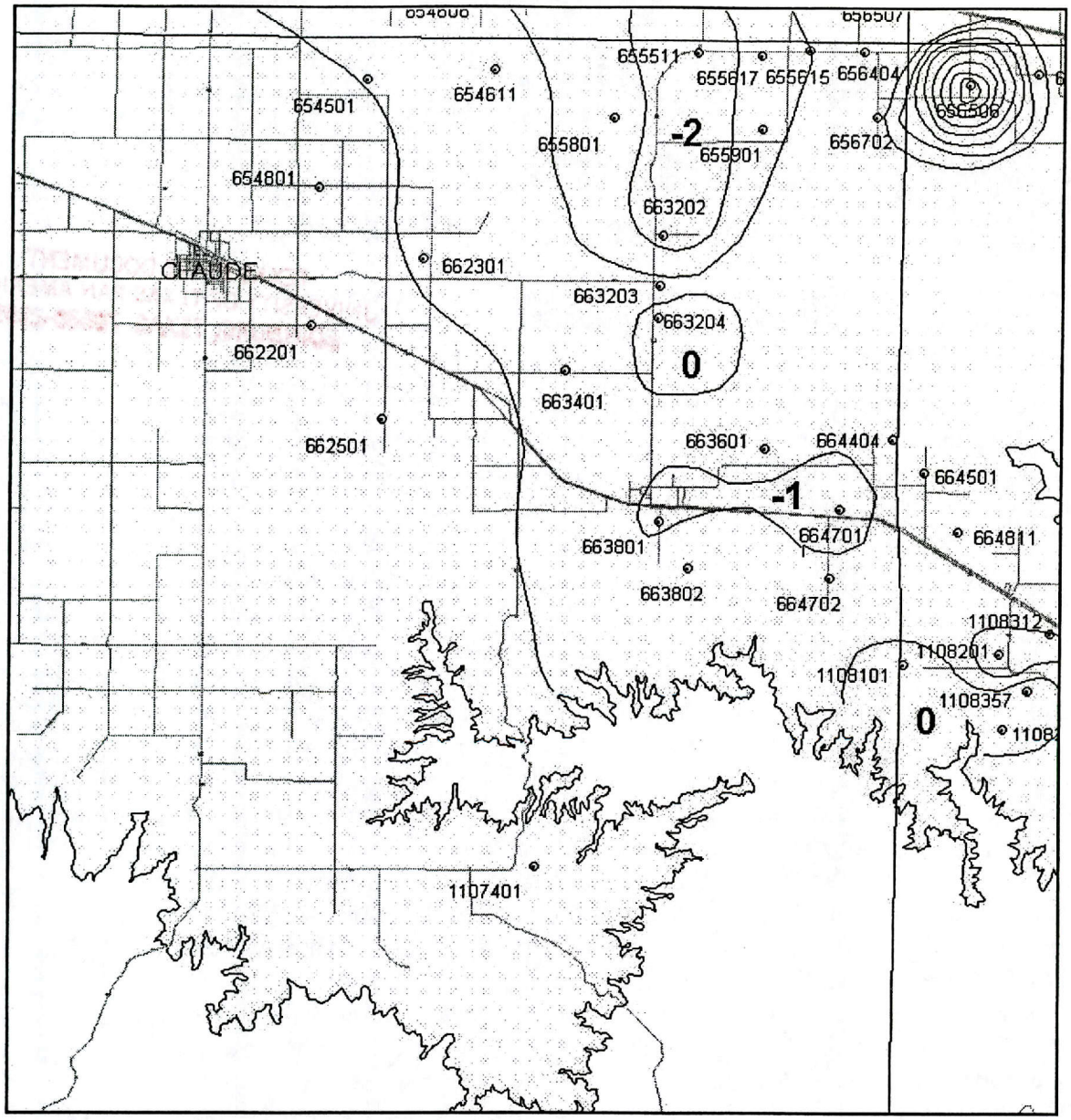
HB 1657 – Relates to the administration by the Texas Water Development Board of certain water-related programs financed by federal funds.

HB 1763 – Relates to the notice, hearing, rulemaking and permitting procedures for groundwater conservation districts. In addition, it provides direction for joint management of groundwater between districts, and for setting desired future conditions of aquifers in the 16 groundwater management areas.

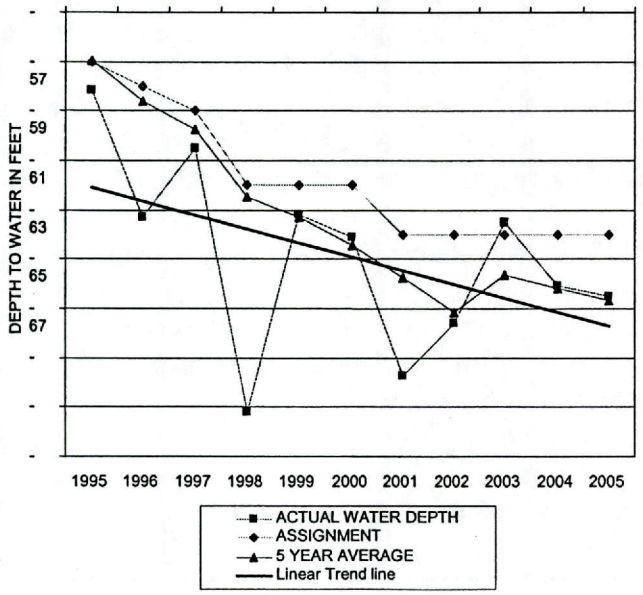
HB 2423 – Relates to the non-discrimination by a groundwater conservation district against landowners whose land is enrolled or participating in a federal conservation program.

HB 2381 – Authorizes the posting of meetings on the Internet. Under this bill, the Internet would be a valid way to post meeting notices.

Armstrong County Ogallala Aquifer *contour interval = 1 Foot*



Single Well Hydrograph



WELL TREND ANALYSIS

All maps in this newsletter show the contoured decline, in feet, of the water aquifers in this District. The maps were drawn using several smoothing methods, including the difference of the 5 year average, where available, as well as trend-lines and actual difference in annual measurements. The charts show the actual difference, in feet, for a particular well on annual, 5 year, and 10 year measurements.

If you would like to see a trend analysis for your area, or on an individual well in your area, (as shown at left) please contact Ray Brady or Amy Crowell at the District office.

Armstrong County Ogallala Wells (map page 2)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10	5 Yr	1 Yr
654501	83			-254.1	-254.4			-0.3
654611	196	-304.22	-311.8	-313.3	-314.2	-9.98	-2.4	-0.9
654710	115				-220			
654801	157	-311.98	-296.4	-293	-294	17.98	2.4	-1
655511	132	-343.51	-340.7	-353.2	-354.8	-11.29	-14.1	-1.6
655615	88	-343.19	-352.2	-353.2	-357.2	-14.01	-5	-4
655617	100			-350.6	-352			-1.4
655801	154	-126.69	-128.1	-136.8	-135.6	-8.91	-7.5	1.2
655901	101	-236.48	-241.6	-243.5	-248.9	-12.42	-7.3	-5.4
656404	89	-336.36	-344.2	-345.9	-343.2	-6.84	1	2.7
656701	59				-334.7			
656702	60	-333.2	-333.5	-333.6	-334.7	-1.5	-1.2	-1.1
662107	195				-175			
662201	204	-186.12	-186.4	-186.4	-185.8	0.32	0.6	0.6
662301	162	-284.4	-284.4	-285.6	-285.2	-0.8	-0.8	0.4
662501	243	-191.44	-190.5	-187.4	-186.7	4.74	3.8	0.7
662901	205			DRY -230'	-218.5			11.5
663103	201				-265			
663202	136	-174.07	-168.2	-167.9	-172	2.07	-3.8	-4.1
663203	137		-169.4	-166.8	-170.6		-1.2	-3.8
663204	137	-165.19	-167	-166.8	-165.5	-0.31	1.5	1.3
663401	170	-193.75	-194.4	-194.6	-195	-1.25	-0.6	-0.4
663404	179				-183			
663405	204				-198			
663601	108	-91.1	-92.4	-92.8	-93.9	-2.8	-1.5	-1.1
663801	142	-192.3	-193.4	-194.5	-199.2	-6.9	-5.8	-4.7
663802	143	-202.78	-196.8	-197.8	-197.9	4.88	-1.1	-0.1
664404	1	-108.96	-109.1	-112.8	-112.6	-3.64	-3.5	0.2
664701	69	-119.46	-123.7	-128	-128.7	-9.24	-5	-0.7
664702	71	-136.81	-139.4	-141.8	-141.8	-4.99	-2.4	0
1107401	17	-121.51	-116.4	-115.7	-117.5	4.01	-1.1	-1.8

PGCD Awards Water Conservation Scholarships

The District is happy to announce the winners of the third annual scholarship awards. Twenty-one essays were received, from applicants throughout the District. To be eligible for the scholarship, the applicant must be a high school senior, graduating from a high school within the District. Scholarship applicants are required to write a water-related essay on a topic chosen by the District. Scholarship recipients must enroll as a full-time student and attend college the fall semester immediately following selection.

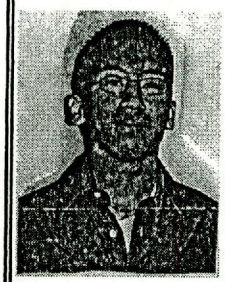
We are pleased to announce the following three 2005 Scholarship Winners:

1st Place: $4,000 – Ms. Virginia M. (Jenny) Chadick. Jenny is valedictorian of her graduating class at Shamrock High School, in Shamrock, Texas. She served as a student government leader, holding offices as class president, class vice-president, FCCLA president, NHS president, and TAFE secretary. She participated in FCA, FFA, and One-Act Play. Athletically, she served as the captain of the Lady Irish Basketball team and represented her school in cross-country regional competition, track, tennis, golf, and cheerleading. She also received the Fighting Heart award. She was recognized in the academic areas of Pre-Calculus, English, Health, Spanish, Algebra, and Housing.

Jenny plans to attend the University of Texas at Dallas, to pursue a Bachelor's Degree in Science/Forensics. She is the daughter of Wayne and Rebecca Chadick and has a younger sister, Laura.

Jenny's essay on water conservation will be printed in the next issue of *Panhandle Water News*.

2nd Place: $3,000 – Mr. Quy T. Nguyen. Quy is valedictorian of his graduating class at Palo Duro High School, in Amarillo, Texas. He is a member of Senior Leadership, National Honor Society, the Latin and Science clubs, ACE Senior Council, and is a varsity-level tennis player. He is involved in the community, through school, neighborhood, city and state activities. He received the Bausch and Lomb Honorary Science Award last year and 2nd place at the state-level TAME Competition (Texas Alliance for Minorities in Engineering).



Quy plans to attend Texas Tech University in Lubbock, to study medicine. He hopes to become a doctor and has worked at Northwest Texas Hospital to gain experience in a medical setting. He is the son of Thei and Xuyen Nguyen and has two younger siblings.

3rd Place: $2,000 – Ms. Rachel A. Howard. Rachel is also valedictorian of her graduating class at Wheeler High School, in Wheeler, Texas. She plans to attend West Texas A&M University to earn her Bachelors and Masters Degrees. Rachel plans a double major in Environmental Science and Chemistry.

She has been on the Science UIL team all four years of high school and took all of the advanced classes offered at Wheeler High School. She is a member of the National Honor Society and earned awards in math, science, health, history, and English. Rachel is also active in FCCLA and FFA. In addition, she serves as drum major of the Wheeler High School Band and volunteers for several worthy causes, including the Ronald McDonald House and the Tralee Crisis Center.

Rachel is the daughter of William and Carla Howard and has an older brother.

PGCD Water Quality Program in Progress

The District began its annual Water Quality Program in mid-June. By September, samples will have been collected from 275 to 300 wells throughout the eight counties in the District. Each sample will be tested for nitrates, sulfates, iron, fluoride, ammonia, chloride, alkalinity, hardness, specific conductivity, total dissolved solids, and pH.

This being an odd numbered year, only wells in the program that have odd state well numbers will be tested, routinely. Any wells that have exceeded the state drinking water standard in past years will also be tested. Knowing the water came from the same well and water source enables the District to compare past results with newly gather data.

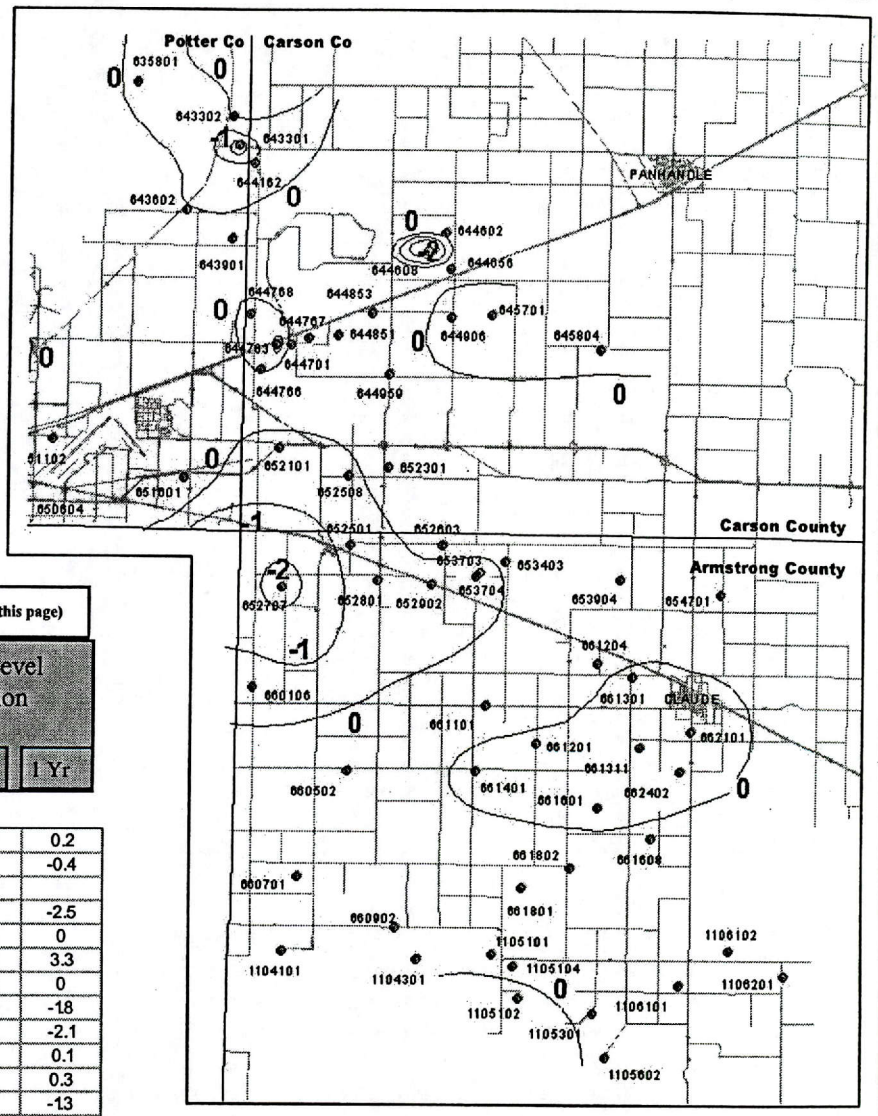
PGCD Collecting Water Quality Samples for TWDB

For several years, District personnel have been collecting water samples for the Texas Water Development Board. Last year, approximately 50 samples were collected and sent to TWDB, where they were tested for anions/total alkalinity, cations, nitrate, atrazine, and alpha & beta.

During this Water Quality season, TWDB has asked the District to collect at least five samples from each county, for atrazine tests. Atrazine is an agricultural chemical widely used for the suppression of weeds.

In addition, they will collect samples from five wells, for re-testing, that tested positive for atrazine last year.

N.W. Armstrong County, S. Carson County and S.E. Potter County Dockum & Ogallala/Dockum Wells *contour interval = 1 Foot*



Armstrong County Dockum & Ogallala/Dockum Wells (map this page)

Well #	Section	Depth to Water in Feet 1995	2000	2004	2005	Water Level Variation 10	5 Yr	1 Yr
652501	97	-206.64	-203.9	-202	-2018	4.84	2.1	0.2
652603	95			-168.2	-168.6			-0.4
652704	101				-171			
652707	101			-218.8	-2213			-2.5
652801	104	-169.46	-1712	-172.5	-172.5	-3.04	-13	0
652902	106	-16147	-166.8	-1714	-168.1	-6.63	-13	3.3
653403	92	-180.78	-1813	-1814	-1814	-0.62	-0.1	0
653703	93	-184.09	-183	-182.1	-183.9	0.19	-0.9	-18
653704	93		-175.6	-175.4	-177.5		-19	-2.1
653904	112			-186.8	-186.7			0.1
654701	115	-266.1	-257	-253	-252.7	13.4	4.3	0.3
654752	154			-184.6	-185.9			-13
660106	13	-222.52	-2115	-2118	-213.6	8.92	-2.1	-18
660205	184				-163.1			
660502	224	-15158	-156.2	-152.2	-152.6	-102	3.6	-0.4
660701	299	-19168	-188.2	-185.8	-187.2	4.48	1	-14
660902	305	-216.46	-215.5		-208	8.46	7.5	
661101	173	-152.74	-158.7	-1512	-153.2	-0.46	5.5	-2
661201	211	-213.5	-192.1	-1916	-192.9	20.6	-0.8	-13
661204	151		-167	-166.7	-166.5		0.5	0.2
661301	168		-158.1	-158.5	-159.5		-14	-1
661311	208	-173.66	-174.1	-162.4	-175.2	-154	-11	-12.8
661401	228	-1714	-162.5	-162.4	-164	7.4	-15	-16
661601	249	-17169	-170.3	-169.2	-169.4	2.29	0.9	-0.2
661608	273	-166.3	-165.8	-167.4	-162.9	3.4	2.9	4.5
661801	292	-164.62	-164.1	-163.6	-163.6	102	0.5	0
661802	290	-159.15	-156.8	-147.4	-155.9	3.25	0.9	-8.5
662101	195	-209.75	-210.2	-214.3	-213.5	-3.75	-3.3	0.8
662402	234		-146.1	-147	-147.2		-11	-0.2
1104101	1	-203.11	-202.4	-201	-2019	121	0.5	-0.9
1104301	7	-303.95	-304.1	-303	-303.5	0.45	0.6	-0.5
1105101	5	-188.76	-186.5	-184.2	-185.8	2.96	0.7	-16
1105102	8	-165.93	-160.6	-160.9	-160.9	5.03	-0.3	0
1105104	6				-175.2			
1105301	10	-16158	-158.2	-159.5	-158	3.58	0.2	15
1105602	6	-179.3	-174.4	-174.1	-174.5	4.8	-0.1	-0.4
1106101	10	-177.5	-176.4	-175.9	-175.6	19	0.8	0.3
1106102	5	-169.31	-1613	-162.2	-162.7	6.61	-14	-0.5
1106201	4	-170.86	-160.4	-160.4	-160.7	10.16	-0.3	-0.3
1106804	7		-226	-227	-224.3		17	2.7
1107750	14	-119.72	-122.1	-153.2	-120	-0.28	2.1	33.2

Carson County Dockum & Ogallala/Dockum Wells (map this page)

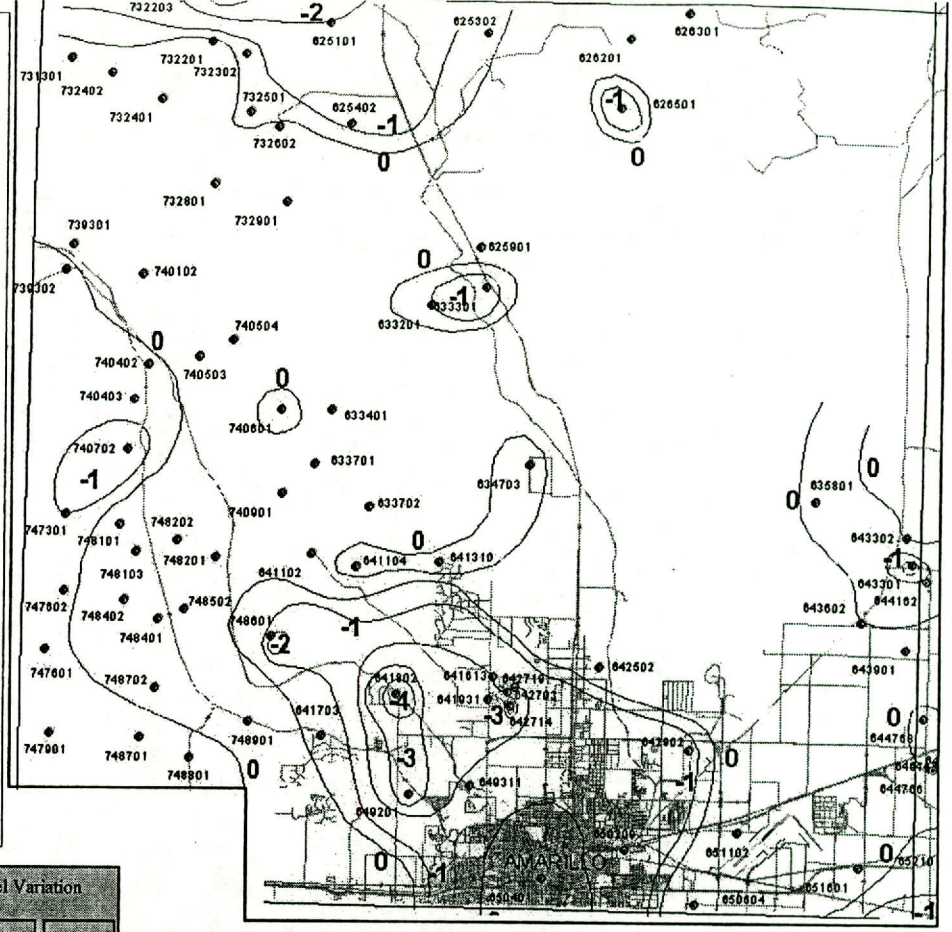
Well #	Section	Depth to Water in Feet 1995	2000	2004	2005	Water Level Variation 10 Yr	5 Yr	1 Yr
644162	7			-476.8	-478.3			-15
644602	16		-379.1		-378.4		0.7	
644608	15	-452.28	-418	-429.3	-430.4	2188	-12.4	-11
644656	15		-433	-434.8	-432.3		0.7	2.5
644701	59	-253.64	-252.5	-2514	-2513	2.34	12	0.1
644763	59		-233.1		-237.3		-4.2	
644766	6		-226.2		-227.5		-13	
644767	46			-265.8	-263.9			19
644768	3			-2714	-272			-0.6
644851	41		-274	-275.4	-273.2		0.8	2.2
644853	30		-305.2	-302.9	-302.8		2.4	0.1
644906	8			-348.9	-349.2			-0.3
644959	25		-2215	-220.6	-2211		0.4	-0.5
645701	27	-394.64	-387.5	-387.9	-387.9	6.74	-0.4	0
645804	7	-322.66	-323.9	-324.4	-325.8	-3.14	-19	-14
652101	21	-19154	-189.4		-189.9	164	-0.5	
652107	21				-225			
652301	25	-202.23	-202.7		-199.9	2.33	2.8	
652508	23	-212.01	-203.7		-205.2	6.81	-15	

DISTRICT WELL SPACING RULES

Size of Pump	Distance from Permitted Well	Distance from Property Line
1 inch pump	50 yards	25 yards
2 inch pump	100 yards	50 yards
3 inch pump	150 yards	75 yards
4 inch pump	200 yards	100 yards
5 inch pump	250 yards	125 yards
6 inch pump	300 yards	150 yards
8 inch pump	500 yards	250 yards
10 inch pump	750 yards	375 yards
12 inch pump	1000 yards	500 yards
14 inch pump or larger	1500 yards	750 yards

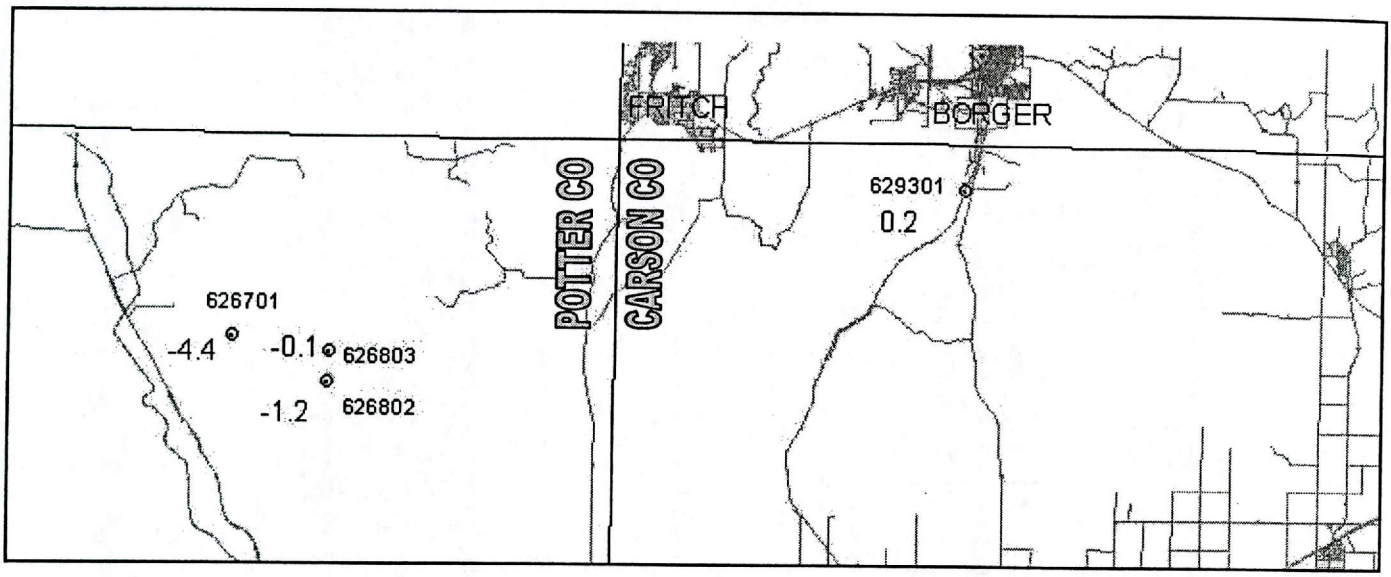
Potter County - Dockum & Ogallala/Dockum Wells
(See maps page 4 & page 5)

Potter County Wells - Dockum Aquifer contour interval = 1 Foot



Well #	Section	Depth to Water in Feet 1995	2000	2004	2005	Water Level Variation 10 Yr	5 Yr	1 Yr
625101	13			-251.4	-262.1			-10.7
625201	1			-230.7	-263.4			-32.7
625302	63			-91	-91.7			-0.7
625402	5			-96.9	-96.3			0.6
625701	56			-153.4	-122			31.4
625901	12			-166.5	-163.6			2.9
626201	88			-108.6	-131.2			-22.6
626301	36			-69.6	-40.5			29.1
626501	109			-42.6	-40.5			2.1
626601	60				-261.1			
633201	80			-84.9	-85.5			-0.6
633301	77			-65.3	-65.8			-0.5
633401	3			-65.5	-58.6			6.9
633701	21			-55.6	-54.8			0.8
633702	17			-99.9	-99.7			0.2
634703	207			-87.6	-89.6			-2
635801	18			-133.5	-136			-2.5
641102	26			-103.1	-103.1			0
641104	19			-139.1	-139.2			-0.1
641310	7			-44.6	-42			2.6
641613	219	-83.03	-85.12	-97	-95.6	-12.57	-10.48	1.4
641703	90			-307.2	-307.8			-0.6
641802	54			-101.1	-119.1			-18
641803	56			-127.3	-128.6			-1.3
641931	220			-62.9	-62			0.9
642409	195			-65	-65.5			-0.5
642502	162			-81.2	-76.8			4.4
642703	220			-103.1	-95			8.1
642714	220			-82.5	-86.5			-4
642719	220			-128	-140			-12
642902	102			-223.6	-225.6			-2
643301	48	-477.05	-479	-488.2	-490.5	-13.45	-11.5	-2.3
643302	48	-477.13	-470.5	-469	-470.7	6.43	-0.2	-1.7
643400	6				-179.6			
643602	22			-320.4	-320.4			0
643606	23			-278.8	-272.4			6.4
643901	4				-209.9			
649201	46			-121.4	-113.8			7.6
649203	46			-112	-105.9			6.1
649204	46			-130.5	-124.6			5.9
649311	12			-55.7	-58.9			-3.2
650209	137			-232.6	-232.9			-0.3
650401	137			-161.3	-162			-0.7
650604	90			-201.5	-201.4			0.1
651102	73			-175.8	-176.3			-0.5
651601	30			-196.1	-194.9			1.2
731301	48			-21.4	-21.3			0.1
732201	35			-160.6	-160.6			0
732202	41				-78.3			
732203	76			-137.9	-140			-2.1
732302	26			-52.1	-52.5			-0.4
732401	55			-29.9	-28.9			1
732402	30			-17.7	-10.7			7
732501	28			-60.6	-63.8			-3.2
732602	20			-40.9	-39.6			1.3
732801	47			-132.2	-132.2			0
732901	45			-170.5	-170.1			0.4
739301	58			-4.8	-4.3			0.5
739302	58				-132.3			
740102	99			-28.7	-25.4			3.3
740402	89			-85.5	-85.2			0.3
740403	10			-62.4	-61.2			1.2
740503	53			-31.4	-28.4			3
740504	93			-26	-25.8			0.2
740601	2			-71.6	-71.6			0
740702	8			-71.5	-73.1			-1.6
740901	4			-128.2	-126.2			2
747301	STRIP				-39.2			
747601	57			-40.9	-40.9			0
747602	14			-93.1	-93.2			-0.1
747901	38			-113.2	-115.8			-2.6
748101	6			-110.5	-109.6			0.9
748103	2			-41.7	-41.7			0
748201	10			-128.1	-138			-9.9
748202	14			-7.5	-6.1			1.4
748301	3			-83.7	-59.8			23.9
748401	188			-44.5	-42.9			1.6
748402	8			-26.3	-26.1			0.2
748501	156			-61.1	-26.3			34.8
748502	16			-35.7	-81.7			-4.6
748601	120				-144.1			
748701	192			-91.1	-81.7			9.4
748702	190			-52.2	-37.4			14.8
748801	158			-43.5	-42			1.5
748901	123				-76.5			

Potter County and Carson County
Whitehorse Aquifer *Static Change in Wells*



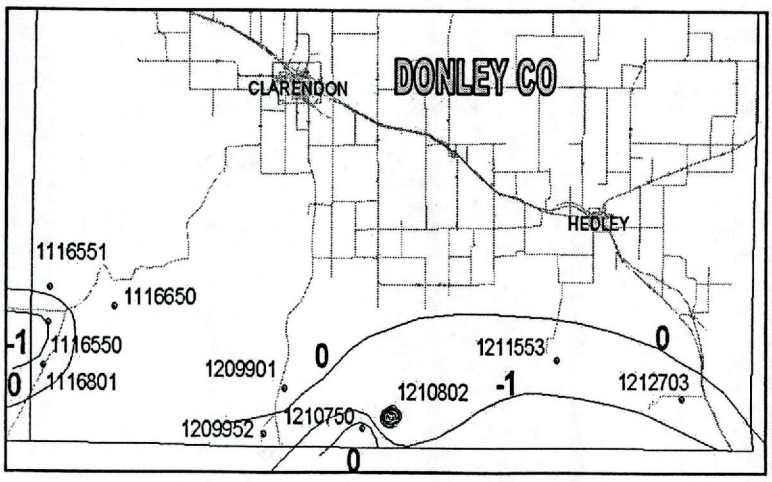
Potter County - Whitehorse & Other Permian Aquifer Wells (map above)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
626701	19			-40.7	-45.1			-4.4
626802	66			-50	-56.5			-6.5
626803	16			-34.8	-34.9			-0.1
627504	30			-29.6	-29.1			0.5

Carson County - Whitehorse Aquifer Wells (map above)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
629301	105	-178.29	-179.6	-179.4	-179.2	-0.91	0.4	0.2

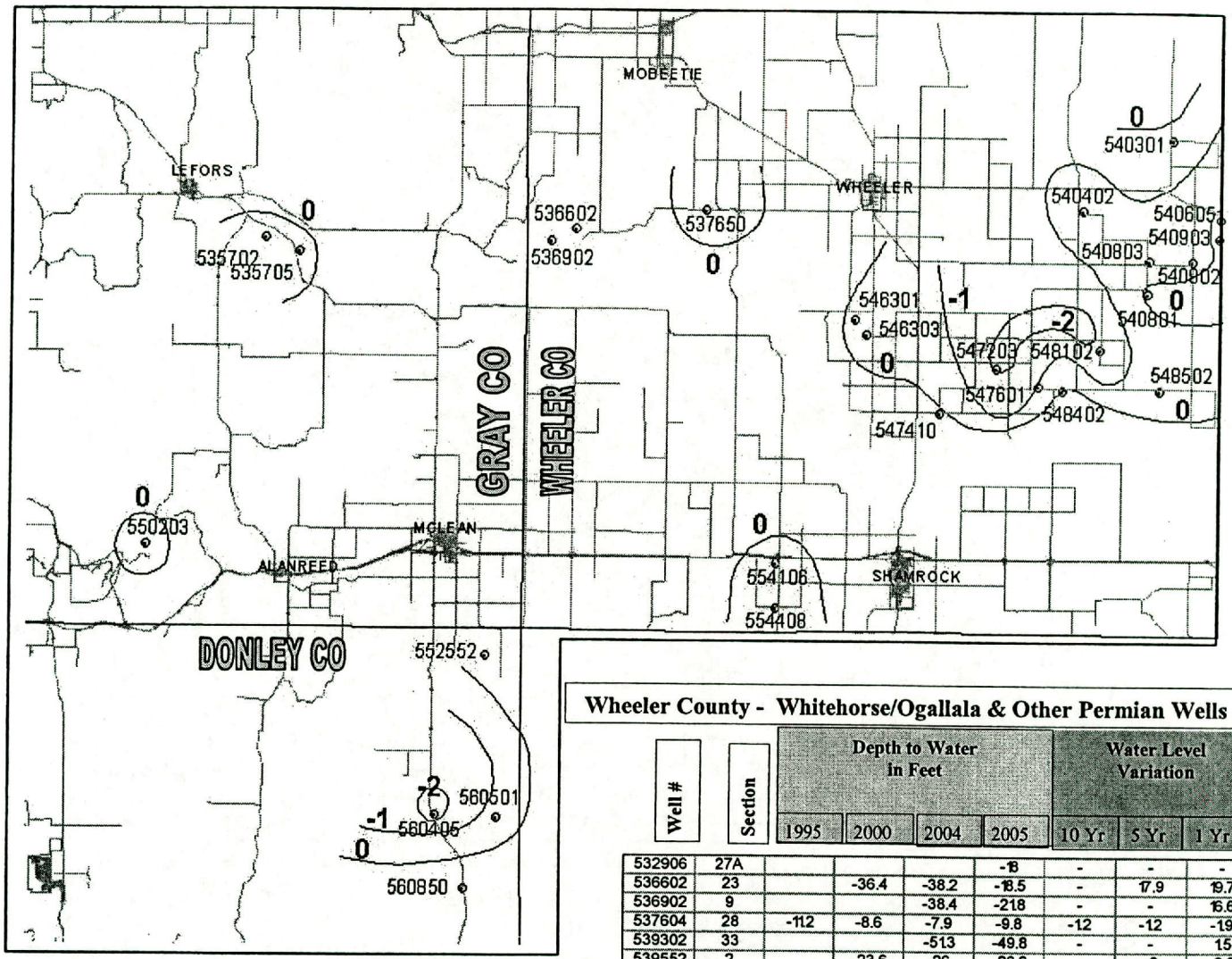
Donley County - Whitehorse Aquifer
And Other Permian Aquifers *contour interval = 1 Foot*



Donley County Whitehorse & Other Permian Wells (maps pgs 6 & 7)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
552552	12			-91.1	-95.4			-4.3
560405	76	-43.58	-48		-57.8	-14.22	-9.8	
560501	63	-179.07	-183.1		-185.9	-6.83	-2.8	
560850	14		-117.3	-119.5	-101		16.3	18.5
1116550	106			-119.7	-120.6			-0.9
1116551	109			-126.1	-124.9			1.2
1116650	11			-6.4	-6.2			0.2
1116801	104			-51.1	-47.4			3.7
1209901	68	-53.18	-60.5	-50.2	-54.4	-1.22	6.1	-4.2
1209952	10			-28.3	-30.9			-2.6
1210750	1			-69.6	-51.3			18.3
1210802	30			-104.7	-134.1			-29.4
1211553	52			-24.3	-23.2			1.1
1212703	37				-38.2			

Wheeler County, Gray County and Donley County
Whitehorse Aquifer and Other Permian Aquifers
contour interval = 1 Foot



Wheeler County - Whitehorse/Ogallala & Other Permian Wells (map above)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
532906	27A				-18	-	-	-
536602	23		-36.4	-38.2	-18.5	-	17.9	19.7
536902	9			-38.4	-218	-	-	16.6
537604	28	-112	-8.6	-7.9	-9.8	-12	-12	-19
539302	33			-513	-49.8	-	-	15
539552	2		-23.6	-26	-26.6	-	-3	-0.6
540301	19		-36.4	-47.2	-44.8	-	-8.4	2.4
540402	2			-27.6	-37.5	-	-	-9.9
540605	21		-47.1	-44.4	-45.9	-	1.2	-1.5
540801	52		-20.2	-25.4	-20	-	0.2	5.4
540803	60		-10.4	-20.9	-9.1	-	1.3	11.8
540902	62		-34.7	-39.8	-43.1	-	-8.4	-3.3
540903	21		-617	-616	-63	-	-13	-14
546301	34		-8.5	-11.1	-10.9	-	-2.4	0.2
546303	35		-8.4	-10.1	-9	-	-0.6	1.1
547203	30	-215	-17	-27.6	-27.1	-5.6	-10.1	0.5
547410	2		-23.9	-27.6	-23.9	-	0	3.7
547601	28		-47.3	-51.1	-52.1	-	-4.8	-1
548102	36		-413	-46.9	-50.3	-	-9	-3.4
548402	14			flowing	flowing	flowing	flowing	flowing
548502	18		-32.9	-32.7	-36.2	-	-3.3	-3.5
554106	50		-50.7	-55.1	-55.6	-	-4.9	-0.5
554408	30			-83.1	-88	-	-	-4.9

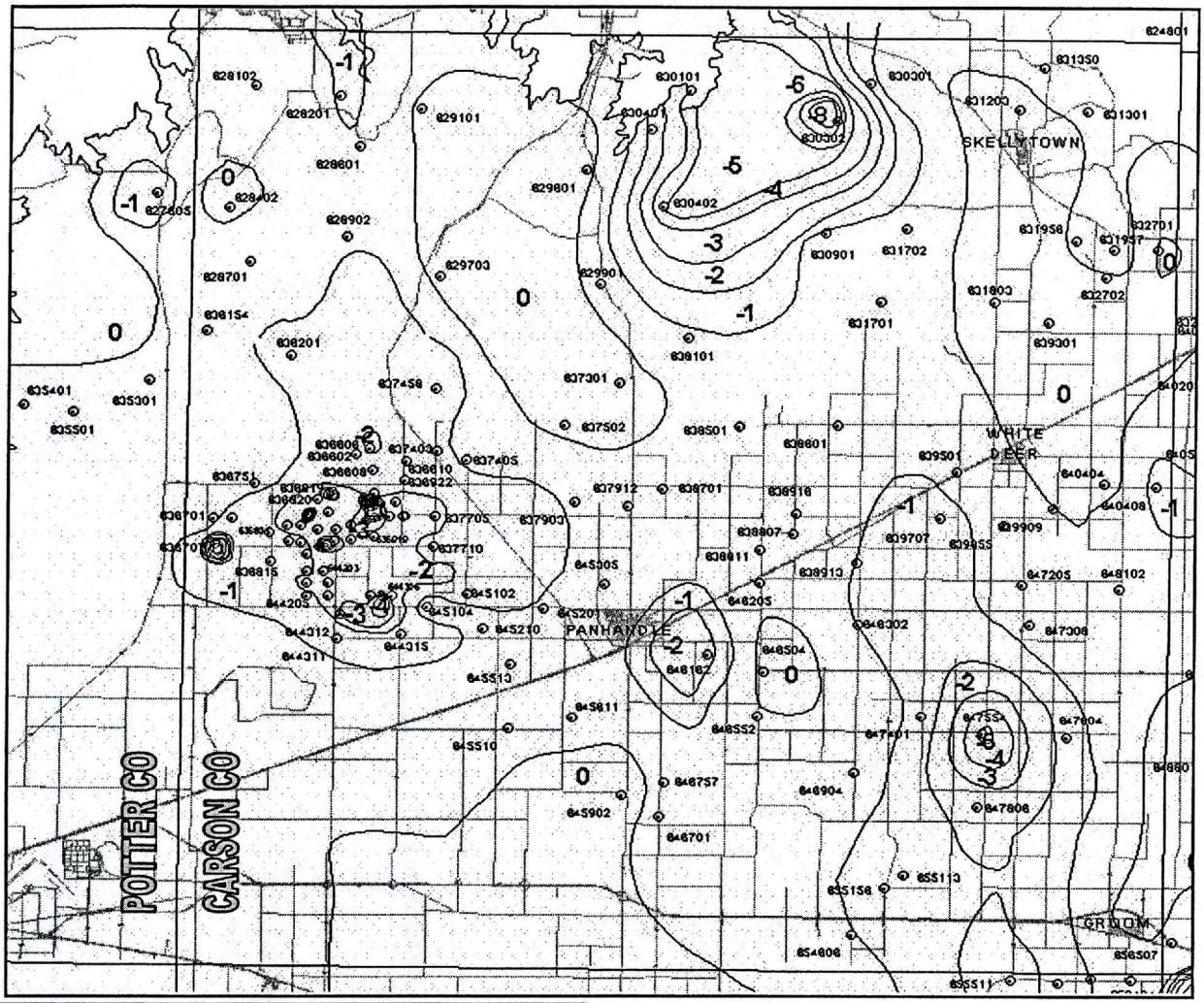
Gray County - Whitehorse Aquifer Wells (see map above)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
535702	10	-25.38	-20.9	-24.6	-24.1	128	-3.2	0.5
535705	8		-38.4	-40	-39.8		-14	0.2
550105	3				-115			
550203	4	-58.2	-58.8	-65.5	-619	-3.7	-3.1	3.6

Did you know?

That most Humans require at least 2.5 quarts of water daily to maintain a healthy body, which is itself about 66% water. The brain is just a tad soggier than the rest of the body at 70% water. Think of that the next time you drink of our most precious resource . *Reprinted from "The Furrow" February 2004*

Carson County & N.E. Potter County
Ogallala Aquifer *contour interval = 1 Foot*



Potter County - Ogallala Wells (maps this page & page 5)

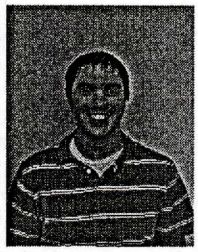
Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
625501	10	-77.55		-79.5	-79.7	-2.15		-0.2
625601	108			-241	-240.5			0.5
625801	81	-88.57	-87.38	-87.2	-87	1.57	0.38	0.2
626101	90			-30.7	-31.1			-0.4
627605	37			-111	-112.5			-1.5
635301	27		-296	-298.2	-299.5		-3.5	-1.3
635401	22			-281.3	-286.1			-4.8
635501	22		-309.1	-310.5	-306.1		3	4.4
755608	9			-254.8	-255.5			-0.7

Something to think about!!!

If all the water in the world could fit into a 2 liter bottle, the amount of water that would be "fresh" drinkable water, is ONLY 1 TABLESPOON
(Conserve what you've got)

"Bart Wyatt-Education Director"

Introducing New PGCD Employee: Brad



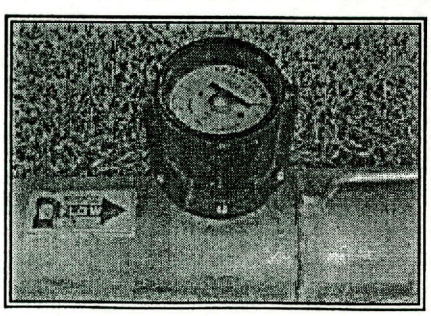
Brad Agee is serving as the District's meteorologist this season. Brad was raised in Bluffton, Indiana, and attended Ball State University, in Muncie, Indiana, for five years. He received a B.A. in Telecommunications, specializing in Audio/Video production, and a B.S. in Operational Meteorology, with a minor in G.I.S. While attending Ball State University, Brad served as Sergeant of Arms of the BSU Storm Chase Team.

During the summer of 2004, Brad was employed by the National Center for Atmospheric Research (NCAR), working on the North American Monsoon Experiment, on the Pacific Coast of Mexico. This proved to be quite an experience for Brad, since it was an extremely remote area and temperatures were very high!

Brad is an avid sports enthusiast and enjoys watching and playing all sports, especially baseball. While attending Ball State, Brad played on the Ultimate Frisbee team all five years. Other hobbies include playing his guitar.

Carson County Ogallala Wells Cont'd (see map page 8)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
628102	23	-203.28	-203.3	-203.7	-204.1	-0.82	-0.8	-0.4
628201	4	-92.63	-95.9		-99.9	-7.27	-4	
628402	27	-192.01	-206.8	-194.5	-197.7	-5.69	9.1	-3.2
628601	13	-58.58	-60.7	-62.2	-65.2	-6.62	-4.5	-3
628701	8	-261.72	-252.9	-250.9	-255.6	6.12	-2.7	-4.7
628902	6	-135.23		-144.6	-147.3	-12.07		-2.7
629101	99	-55.57	-55.8	-55.9	-55.7	-0.13	0.1	0.2
629601	83	-49.07	-55	-49.4	-49.2	-0.13	5.8	0.2
629703	35			-281.1	-280.9			0.2
629901	40	-80.16	-81	-82.5	-82	-1.84	-1	0.5
630101	108			-23.8	-29.5			-5.7
630301	103	-149.78	-150.5	-150.7	-150.9	-1.12	-0.4	-0.2
630302	97			-225.3	-233.3			-8
630401	92			-190.2	-191.7			-1.5
630901	57			-333.3	-333.9			-0.6
631203	107	-297.88	-303	-298.5	-300.3	-2.42	2.7	-1.8
631301	109	-121.28	-125	-122.6	-157.4	-36.12	-32.4	-34.8
631350	5			-256.8	-257.4			-0.6
631701	30	-389.07	-389.1	-391.7	-391.5	-2.43	-2.4	0.2
631701	30				-391.5			
631702	60	-275.36	-276	-277.6	-277.9	-2.54	-1.9	-0.3
631803	26		-395.7	-395	-395		0.7	0
631956	46			-225.1	-224.6			0.5
631957	45			-328.1	-332.6			-4.5
632701	186	-439.14	-398.6	-392.1	-391.5	47.64	7.1	0.6
632702	44	-404.56	-402.7	-401.5	-403.4	1.16	-0.7	-1.9
636154	1	-305.53	-304.3	-316.7	-317.1	-11.57	-12.8	-0.4
636201	19		-352.4	-355.2	-357		-4.6	-1.8
636602	15	-472.71	-474.3		-480.3	-7.59	-6	
636606	16		-475.7	-483.1	-485.8		-10.1	-2.7
636608	25			-499.6	-501			-1.4
636610	24		-414	-426	-419		-5	7
636701	50		-522	-468	-493		29	-25
636702	50		-449	-448	-451		-2	-3
636707	50		-466	-463	-475		-9	-12
636708	52	-480.12	-499	-495.8	-497	-16.88	2	-1.2
636801	49	-492.49		-516.3	-519.1	-26.61		-2.8
636805	33	-491.22	-493	-507	-541	-49.78	-48	-34
636808	47		-513		-559		-46	
636809	47		-501	-512.95	-515		-14	-2.05
636810	48		-537	-533	-537		0	-4
636811	48		-531	-524	-531		0	-7
636812	48		-533	-535.7	-535		-2	0.7
636813	48		-604		-530		74	-530
636815	53	-492.55		-513.3	-512.5	-19.95		0.8
636816	54		-538	-535.99	-538.3		-0.3	-2.31
636818	34		-496		-501		-5	
636819	34		-488		-511.9		-23.9	
636820	34		-522		-520		2	
636901	44	-464.36	-477		-490	-25.64	-13	
636904	35		-526	-641	-641		-115	0
636907	36		-496	-501	-497		-1	4
636909	45		-485	-492.26	-517		-32	-24.74
636910	36		-455	-471	-487.6		-32.6	-16.6
636912	46		-536	-529	-551.8		-15.8	-22.8
636913	46		-511	-510	-516		-5	-6
636914	46			-525	-525			0
636915	46		-513	-524.81	-522		-9	2.81
636916	46		-504	-562.19	-518		-14	44.19
636919	45	-490.12	-511.8	-508.6	-510	-19.88	1.8	-1.4
636922	24		-465	-455	-460		5	-5
637301	5	-264.39	-268.6	-271.5	-270.1	-5.71	-1.5	1.4
637403	18	-458.91	-478.8	-455.2	-462	-3.09	16.8	-6.8



Carson County Ogallala Wells Cont'd (see map page 8)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
637405	22	-434.48	-457.9	-440.4	-441.1	-6.62	16.8	-0.7
637458	10			-432.1	-433.2			-1.1
637502	92				-305.4			
637705	43	-466.42	-428.3	-458.3	-459.8	6.62	-31.5	-1.5
637710	43			-431.6	-433.1			-1.5
637903	87	-424.72	-425.7	-423.6	-424.4	0.32	1.3	-0.8
637912	64			-402.6	-403.4			-0.8
638101	20			-73.4	-74.1			-0.7
638501	2	-378.25	-382.7	-383.5	-383.9	-5.65	-1.2	-0.4
638601	9	-372.99	-379.9		-372	0.99	7.9	
638701	34	-409.4	-414	-414.8	-416	-6.6	-2	-1.2
638807	54	-399.01	-381.8	-404.5	-404.9	-5.89	-23.1	-0.4
638811	56	-421.92		-427.7	-428.2	-6.28		-0.5
638913	59		-397.4	-402.6	-402.9		-5.5	-0.3
638916	35		-414.5	-408.1	-408.1		6.4	0
639301	21	-424.37	-397.8	-397.7	-397.2	27.17	0.6	0.5
639501	27		-367.2	-369.4	-369.8		-2.6	-0.4
639605	2				-395			
639707	50	-372.09	-380.4	-382.8	-389.6	-17.51	-9.2	-6.8
639855	48			-396.2	-395			1.2
639909	42	-346.21	-352.4	-353.4	-353.2	-6.99	-0.8	0.2
640404	23		-375	-366	-371.9		3.1	-5.9
640408	238	-352.43	-373.3	-370.5	-373.1	-20.67	0.2	-2.6
640765	236		-336.6	-342.6	-343		-6.4	-0.4
644202	54		-529		-535		-6	
644203	54		-532	-579.64	-535		-3	44.64
644204	68		-473	-476.02	-485		-12	-8.98
644205	68		-515	-525.23	-534		-19	-8.77
644206	68		-536	-534.12	-529.5		6.5	4.62
644207	68		-521		-523.71		-2.71	
644304	66	-498.78	-499	-506	-511	-12.22	-12	-5
644305	66		-429	-473	-452		-23	21
644306	66			-468.81	-456			12.81
644311	20	-496.72	-480.6	-485.5	-487.7	9.02	-7.1	-2.2
644312	19	-487.41	-508.8	-501.3	-503.2	-15.79	5.6	-1.9
644315	3	-471.94	-442.1	-445.3	-448.7	23.24	-6.6	-3.4
645102	63	-438.46	-430	-434.9	-437.6	0.86	-7.6	-2.7
645104	65			-421.1	-422.8			-1.7
645201	61	-419.57	-420.2	-428.4	-424.8	-5.23	-4.6	3.6
645210	16			-434.6	-435.7			-1.1
645305	67			-431.8	-432.2			-0.4
645510	13		-422.3	-423.2	-423.2		-0.9	0
645513	15			-435.7	-436.4			-0.7
645611	80	-418.74	-416.2	-416.4	-419.2	-0.46	-3	-2.8
645902	74	-401.09	-398.7	-392.2	-392.2	8.89	6.5	0
646162	22			-375.4	-377.7			-2.3
646205	77		-427	-419.8	-424.8		2.2	-5
646302	81	-372.09	-366	-371.8	-372.1	-0.01	-6.1	-0.3
646504	100	-377.59	-387.2	-382.1	-382.5	-4.91	4.7	-0.4
646552	121		-354.7	-354.5	-355.1		-0.4	-0.6
646601	119	-371.39			-371.1	0.29		
646701	44	-388.36	-374	-364.8	-378.9	9.46	-4.9	-14.1
646757	43			-374.4	-375			-0.6
646904	140		-360.5	-362.6	-362.6		-2.1	0
647205	69	-374.92	-376.7	-378.3	-378.9	-3.98	-2.2	-0.6
647308	86	-299.91	-298.3	-298.3	-298.6	1.31	-0.3	-0.3
647401	116	-346.8	-346.7	-352.7	-352.1	-5.3	-5.4	0.6
647554	128			-306.7	-311.9			-5.2
647604	131	-309.17	-311.2	-317.5	-317.9	-8.73	-6.7	-0.4
647806	150			-353	-355.4			-2.4
648102	247		-350.3	-352	-352.1		-1.8	-0.1
648401	249				-285			
654606	194	-370.39	-368.8		-372.6	-2.21	-3.8	
655113	191		-368.3		-373.7		-5.4	
655155	190		-368.8	-373	-374.7		-5.9	-1.7

Panhandle Groundwater Conservation District's
Typical Flow Meter Installed on Wells

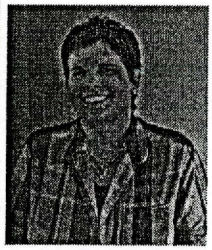
Donley County Ogallala Wells (see map on page 11)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
549604	21	-238.15	-237.5	-237.3	-235.5	2.65	2	1.8
549708	21		-318.4	-318.3	-318		0.4	0.3
550502	25	-128.86	-129.4	-130	-125.6	3.26	3.8	4.4
550701	2	-113.74	-113.1	-112.9	-110.4	3.34	2.7	2.5
550801	4			-105.3	-101.5			3.8
550903	30	-121.71	-112.3	-116.5	-106.9	14.81	5.4	9.6
551715	9	-117.46	-113.6	-112.1	-110.3	7.16	3.3	1.8
551801	9	-95.08	-92.1		-92.5	2.58	-0.4	
552851	12			-120.4	-120.8			-0.4
557101	9	-115.34	-111.7		-112.4	2.94	-0.7	
557502	11	-95.91	-96.1	-96.6	-96.2	-0.29	-0.1	0.4
557512	13		-48.2	-46.6	-39.6		8.6	7
557803	4	-89.09	-87.3	-87.4	-88.1	0.99	-0.8	-0.7
558101	37			-107.6	-103.9			3.7
558303	19	-44.26	-34.7	-33.9	-36	8.26	-1.3	-2.1
558403	22		-149.6	-141.1	-141.9		7.7	-0.8
559403	15	-74.11	-83.2	-85.6	-72.2	1.91	11	13.4
656506	41			-353.1	-354.2			-1.1
656603	32	-300.4	-326	-306.1	-307.1	-6.7	18.9	-1
656903	24	-340.48	-326.1		-321.4	19.08	4.7	
664501	1	-110.5	-113.6	-114.5	-115.2	-4.7	-1.6	-0.7
664811	2	-92.97	-94.3	-96.3	-96.8	-3.83	-2.5	-0.5
664951	3		-62.8	-63	-63.5		-0.7	-0.5
1108101	10		-102.6	-94.6	-98.2		4.4	-3.6
1108201	1	-110.18	-123.1	-130.3	-121.3	-11.12	1.8	9
1108203	38	-35.6	-37.9	-37.2	-40.6	-5	-2.7	-3.4
1108308	3	-58.14	-64.3	-66.1	-66.5	-8.36	-2.2	-0.4
1108309	17			-71.6	-73.3			-1.7
1108312	4		-69	-70.2	-73.2		-4.2	-3
1201101	7	-92.52	-94.7	-95.5	-94.7	-2.18	0	0.8
1201102	13	-32.23	-34.9	-33.6	-33.9	-1.67	1	-0.3
1201131	15	-48.42	-49	-57.3	-56.3	-7.88	-7.3	1
1201206	21	-63.64	-67.6		-73.4	-9.76	-5.8	
1201301	2	-44.92	-41.3	-39.2	-39.9	5.02	1.4	-0.7
1201306	25	-44.12	-41.1	-46.3	-48.2	-4.08	-7.1	-1.9
1201502	48	-132.33	-130.8	-137.9	-129.7	2.63	1.1	8.2
1201617	55	-119.15	-119.2	-116.5	-115.1	4.05	4.1	1.4
1201623	29	-57.81	-55	-62.2	-61.8	-3.99	-6.8	0.4
1201624	57	-100.48	-107	-98.9	-93.8	6.68	13.2	5.1
1201655	43			-53.9	-52.3			1.6
1201750	10			-106.7	-120.2			-13.5
1201805	9	-197.04	-194.8	-202.4	-196	1.04	-1.2	6.4
1201904	75	-144.07	-140.8	-141.4	-141.1	2.97	-0.3	0.3
1202103	50		-35.4	-40.1	-40.3		-4.9	-0.2
1202210	3	-61.17	-63.5	-62.9	-62	-0.83	1.5	0.9
1202306	23	-50.84	-47.6	-48.1	-45	5.84	2.6	3.1
1202408	59	-15.84	-16.3	-19.9	-19.2	-3.36	-2.9	0.7
1202604	109		-52.2	-59.2	-58.6		-6.4	0.6
1202607	127	-70.65	-73.4	-79.3	-74	-3.35	-0.6	5.3
1202812	61	-15.06	-13.9	-19.2	-17.4	-2.34	-3.5	1.8
1202907	66		-12	-12.6	-11.3		0.7	1.3
1202931	65	-37.7	-37.6	-39.7	-35.4	2.3	2.2	4.3
1203207	123	-78.01	-79.8	-80.8	-80.4	-2.39	-0.6	0.4
1203405	129		-62.9	-67.7	-68		-5.1	-0.3
1203601	122	-93	-94	-94.6	-95	-2	-1	-0.4
1203603	113		-83.7		-87		-3.3	
1203606	120	-93.07	-94	-119.4	-111.2	-18.13	-17.2	8.2
1203806	117	-118.07	-118.5	-120	-121.1	-3.03	-2.6	-1.1
1203901	128	-57.78	-56.8	-65.6	-71.2	-13.42	-14.4	-5.6
1204555	67	-0.68	-0.8	-4.3	-3.3	-2.62	-2.5	1
1204805	38	-32.63	-27.5	-27.9	-27.5	5.13	0	0.4

Donley County Ogallala Wells cont'd (see map on page 11)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
1209102	17			-100.7	-100.2			0.5
1209304	25	-22.07	-22.6	-24.5	-24.9	-2.83	-2.3	-0.4
1210218	85	-59.18	-58.5	-67.5	-66.2	-7.02	-7.7	1.3
1210301	90		-9.2	-12.4	-7		2.2	5.4
1210305	89	-29.59	-31	-38.6	-34.6	-5.01	-3.6	4
1210306	94		-30.1	-35.1	-35.5		-5.4	-0.4
1210353	87		-17.3	-19.6	-18		-0.7	1.6
1210504	35	-86.89	-92.2	-93	-93.5	-6.61	-1.3	-0.5
1210508	143			-24.7	-24.9			-0.2
1211207	27	-87.23	-90	-115	-116.5	-29.27	-26.5	-1.5
1211310	95	-76.62	-71.5	-77	-74.3	2.32	-2.8	2.7
1211353	87	-115.3	-103.5	-103.6	-103.9	11.4	-0.4	-0.3
1211404	133	-194.53	-191.3	-193.9	-193.9	0.63	-2.6	0
1211508	72	-166.19	-166.9	-167.4	-173.3	-7.11	-6.4	-5.9
1212104	96			-122.9	-127.8			-4.9
1212203	83			-98.6	-98.8			-0.2
1212552	80			-60.7	-61			-0.3

Introducing New PGCD Employee: Susan



Susan Rode-Laughlin joined the District in May 2005, as the G.I.S. (Geographic Information Systems) Technician, and has been very busy updating well databases and helping create various maps, such as Water Quality maps, Rain Gauge maps, etc.

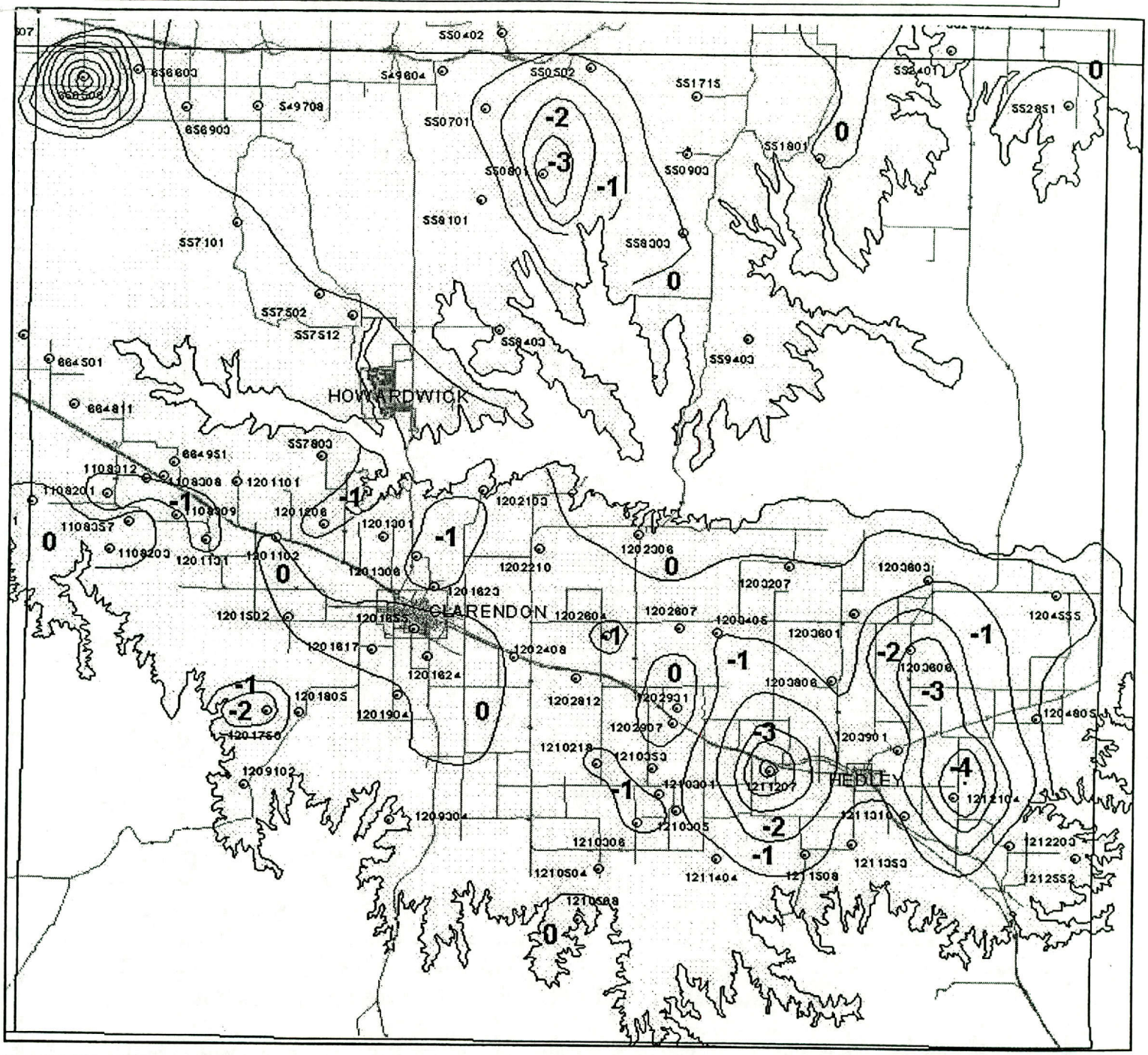
Susan was born and raised in Fredericksburg, Gillespie County, Texas. She attended Blinn College, in Brenham, Texas. While working during college as a drafting/engineering intern for Pedernales Electric Co-op, in Johnson City, she was offered full time employment and thus began her career in mapping. All work for PEC was done by hand with pen and pencil, protractor and scale.

In 1985, Susan's twin sons, Adam and Allen, were born. Because the boys were premature and had severe health problems, she gave up work for a couple of years to take care of them. In 1988 she began work at the Gillespie County Appraisal District. Her main focus at the appraisal district was to oversee converting all paper maps to computer GIS maps, and then to create the 9-1-1 rural address system for all of Gillespie County. After thirteen years with the appraisal district and the completion of her part in the 9-1-1 project, Susan's position was reallocated and she chose to move on to do individual contract work.

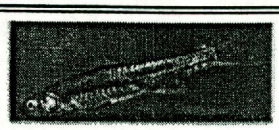
In 2004 she began contract work for USDA-FSA traveling across Texas doing computer software installations and training office staff in 66 counties, from Dalhart to Follett, and from Lubbock to Fredericksburg. After spending four out of seven days a week traveling, Susan says she is "totally thankful" for not having to be on the road every day and having to stay in a hotel every night.

When Susan has spare time, she travels to the family ranch near Fredericksburg to spend time with her parents, and sons when they are home from college. Her hobbies include landscape gardening, photography, and playing with/training her puppy, "Cookie."

Donley County Ogallala Aquifer *contour interval = 1 Foot*



Arkansas River Shiner Update

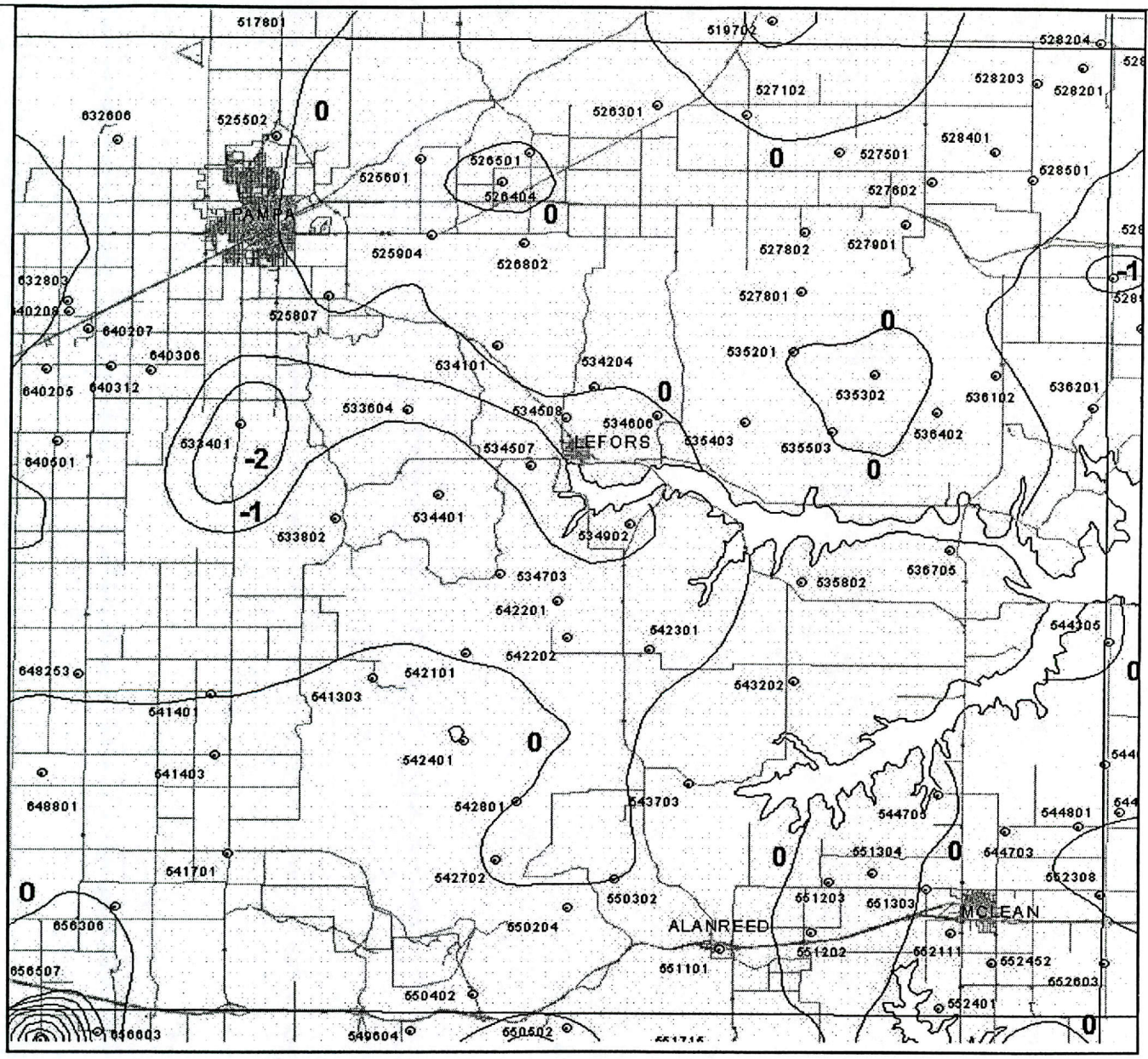


The Arkansas River Shiner (Coalition) has been working on the removal of critical habitat designation for the shiner for a number of years. Thanks to the Coalition's efforts, the Judge vacated the first critical habitat rule. The Coalition is now working on voluntary management plans for the South Canadian River, in Texas and Oklahoma; and the Cimarron River, in Oklahoma and Kansas. These plans we hope will negate the need for critical habitat designation by the U.S. Fish & Wildlife Service (FWS).

The comment period on the Rule to designate Critical Habitat closed on June 17. FWS has not published the economic analysis or the environmental analysis, as required by the Judge's order, nor have they issued a date for the public hearings. The Coalition's attorneys have petitioned the Judge to extend the deadline for re-designation of Critical Habitat, which is now September 30, 2005, due to the delays in issuance of the economic analysis and environmental analysis.

The Panhandle Groundwater Conservation District is a member of the Coalition, and will provide input for the analysis.

Gray County Ogallala Aquifer *contour interval = 1 Foot*



District Personnel Invited to Surveyors' Meeting in Amarillo

On June 7th, 2005, the Panhandle Groundwater Conservation District was invited to give an informative presentation at the Texas Society of Professional Surveyors (TSPS) Chapter 16 meeting held at Dyer's Bar-B-Que, in Amarillo. The TSPS is comprised of land surveyors throughout the Texas Panhandle and is one of 24 chapters across the state.

The thirteen surveyors in attendance were presented with information on well placement considerations for platting tracts of land, well spacing requirements, and the District's rules. Along with the presentation, each surveyor received a packet containing the program and the spacing rules. District personnel helping with the presentation included Board member John McKissack, general manager C. E. Williams, hydrologist Amy Crowell, field technician Devin Sinclair, and director of education and information Bart Wyatt.

The District would like to express its gratitude to TSPS Chapter 16 President Jeremy Davis, for making all the necessary arrangements, and to all surveyors in attendance. We look forward to working closely with each and every one of you!

Gray County - Ogallala Wells (see map page 12)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
525502	93	-349.97	-349.1	-358.7	-349.7	0.27	-0.6	9
525601	45			-370.3	-369.3			1
525807	80		-3716	-3714	-370.4		12	1
525904	42		-364.2	-363.9	-364.2		0	-0.3
526301	186	-374.03	-363.1	-3616	-3611	12.93	2	0.5
526404	20		-367.2	-367.4	-367.8		-0.6	-0.4
526501	4	-359.49	-369.9	-363.9	-365	-5.51	4.9	-1.1
526802	18		-362.5	-355.4	-354.8		7.7	0.6
526954	146			-366.7	-367.2			-0.5
527102	142	-358.82	-359.4	-360.3	-359.8	-0.98	-0.4	0.5
527501	111	-354.18	-350.2	-349.2	-349	5.18	12	0.2
527602	53	-342.92	-3315	-332	-330.4	12.52	1.1	1.6
527801	57	-130.3	-137.7	-136.1	-132.6	-2.3	5.1	3.5
527802	116	-355.66	-338.8	-338.2	-337.2	18.46	1.6	1
527901	81	-358.12	-340.1	-339.4	-339.9	18.22	0.2	-0.5
528201	2	-356.65	-346.8	-345.7	-344.9	11.75	1.9	0.8
528203	22	-347.29	-340.7	-339.7	-339.1	8.19	1.6	0.6
528401	24	-328.79	-329.5	-329.3	-327.5	1.29	2	1.8
528501	2	-293.18	-287.9	-283.6	-282.9	10.28	5	0.7
533401	108	-344.42	-343.5	-347.5	-347.5	-3.08	-4	0
533604	60		-77.9	-78.6	-83		-5.1	-4.4
533802	94	-208.94	-207.5	-205.4	-209.3	-0.36	-1.8	-3.9
534101	15	-138.88	-139.8	-140.7	-140.9	-2.02	-1.1	-0.2
534204	2	-197.38	-194.2	-194.4	-194.4	2.98	-0.2	0
534401	57	-117.88	-117.2	-119.3	-117.5	0.38	-0.3	1.8
534451	30	-109.18	-112.1	-109.4	-109.7	-0.52	2.4	-0.3
534507	2	-35.12	-33	-34.2	-38.2	-3.08	-5.2	-4
534508	1	-64.34	-59.1	-59.4	-59.2	5.14	-0.1	0.2
534606	1	-73.6	-72.4	-7116	-73.1	0.5	-0.7	-1.5
534703	25	-75.06	-74.7	-75.1	-75.3	-0.24	-0.6	-0.2
534902	8	-68.22	-68.2	-72.9	-75.9	-7.68	-7.7	-3
535201	33	-126.45	-117.8	-133.6	-119.1	7.35	-13	14.5
535302	18	-16.64	-14.4	-15.6	-15.6	1.04	-1.2	0
535403	11	-126.22	-128.6	-123.7	-124.1	2.12	4.5	-0.4
535503	8	-78.34	-74.7	-76	-74.9	3.44	-0.2	1.1
535802	52	-122.56	-119.5	-118.2	-118.1	4.46	1.4	0.1
536102	21	-168.25	-165.2	-164.4	-164.7	3.55	0.5	-0.3
536201	24	-149.64	-147.5	-147.9	-148	1.64	-0.5	-0.1
536402	5	-0.41	0.3	-0.9	0	0.41	-0.3	0.9
536705	65	-6.69	-5.1	-5.7	-5.4	1.29	-0.3	0.3
541101	127	-367.33	-369.1	-370.3	-376.6	-9.27	-7.5	-6.3
541303	69	-339.03	-3415	-347.5	-3412	-2.17	0.3	6.3
541401	141	-327.73	-323.1	-323.7	-322.9	4.83	0.2	0.8
541403	140	-292.29	-295.1	-296.8	-293.1	-0.81	2	3.7
541701	135	-270.08	-263.6	-263.9	-264.8	5.28	-1.2	-0.9
542101	38	-269.15	-263.3	-262.6	-264.8	4.35	-1.5	-2.2
542201	25	-133.67	-132.6	-134.5	-134.9	-1.23	-2.3	-0.4
542202	26	-277.16	-262.3	-262	-262.5	14.66	-0.2	-0.5
542301	28	-142.64	-139.7	-1411	-140.3	2.34	-0.6	0.8
542401	41	-197.54	-206.2	-199.5	-199.5	-1.96	6.7	0
542702	16	-150.34	-145	-145.7	-146.1	4.24	-1.1	-0.4
542801	3	-8187	-111.8	-82.1	-82.4	-0.53	29.4	-0.3
543202	29	-113.56	-111.8	-112.5	-111.7	1.86	0.1	0.8
543703	4	-21.58	-16.8	-16.3	-15.8	5.78	1	0.5
544610	120	-186.94	-183.8	-182.3	-182	4.94	1.8	0.3
544703	92	-129.59	-125.6	-125.2	-125.2	4.39	0.4	0
544705	12	-65.54	-62.5	-62.9	-62.7	2.84	-0.2	0.2
544713	2				-96			
544714	2				-110			
544801	115	-111.4	-110.6	-110.9	-110.3	1.1	0.3	0.6
549302	19				-214			

Gray County - Ogallala Wells Cont'd (see map page 12)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
550202	24	-24.81	-23.2	-25.7	-25.7	-0.89	-2.5	0
550204	5	-50.41	-54.3	-48.6	-53.6	-3.19	0.7	-5
550302	8	-88.89	-86.9	-87.3	-87.2	1.69	-0.3	0.1
550402	18		-1515	-144.1	-146.3		5.2	-2.2
551101	181	-218.44	-216.3	-213.6	-212.7	5.74	3.6	0.9
551202	37	-193.56	-190.2	-188.9	-193	0.56	-2.8	-4.1
551203	34	-155.07	-1515	-150.7	-150.7	4.37	0.8	0
551303	32	-111.37	-107.2	-106.3	-106.6	4.77	0.6	-0.3
551304	33	-73.94	-70.6	-72.1	-72.5	1.44	-1.9	-0.4
552111	189	-116.07	-105	-104.3	-104.1	11.97	0.9	0.2
552308	68	-98.32	-99.6	-100.6	-101	-2.68	-1.4	-0.4
552401	51	-74.3	-72.2		-71.1	3.2	1.1	
552452	49		-105.7	-105.8	-105.8		-0.1	0
552603	42	-19.34	-20		-16.8	2.54	3.2	
632606	148	-363.36	-363.3	-364.1	-363.7	-0.34	-0.4	0.4
632803	160	-400.09	-394.1	-394.3	-394.3	5.79	-0.2	0
640205	179	-385.89	-386.7	-387.1	-387.5	-1.61	-0.8	-0.4
640207	160			-392.9	-393.7			-0.8
640208	178			-3914	-397.8			-6.4
640306	134	-411.77	-401	-402.8	-400.7	11.07	0.3	2.1
640312	155			-404.7	-405			-0.3
640501	210	-367.48		-3715	-372.8	-5.32		-1.3
648253	202	-363.49	-354.2	-355.9	-355.7	7.79	-1.5	0.2
648801	222	-283.48	-2911	-284.1	-286.9	-3.42	4.2	-2.8
656306	19	-280.93	-299	-282.5	-283.1	-2.17	1.5.9	-0.6
656507	57	-308.2	-299	-297.5	-298.7	9.5	0.3	-1.2

DISTRICT RULES BEFORE YOU DRILL !!!

Well permits are required for:

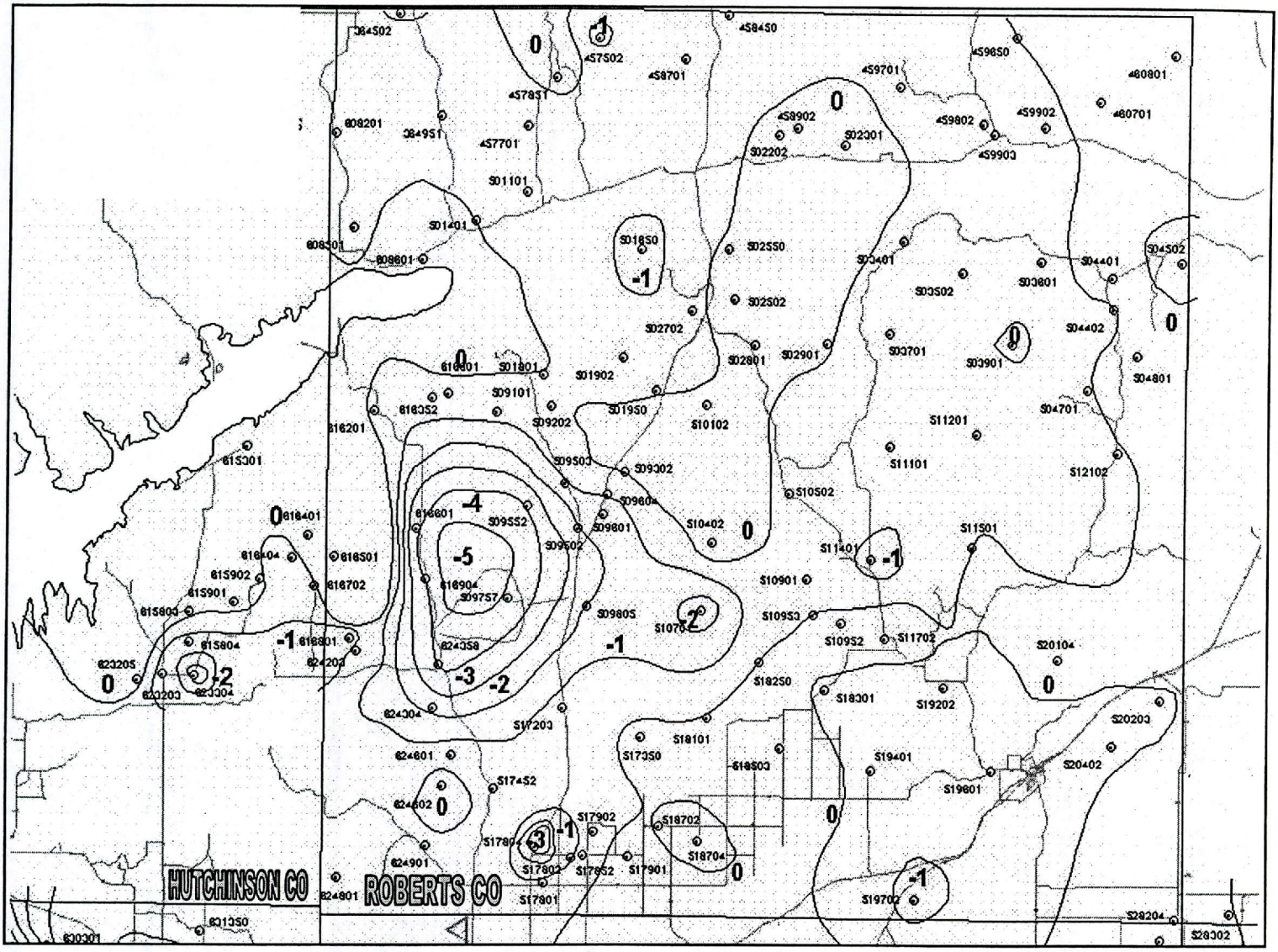
- Wells that will produce OVER 17.4 gallons per minute (GPM)
- Domestic or livestock wells that produce less than 17.4 GPM to be drilled on a TEN ACRE tract of land or less
- Multiple wells producing more than 265 GPM to be drilled on the same tract of land have additional permitting requirements.

Well registrations are required for:

- Wells that produce 17.4 GPM or LESS on a ten acre tract of land or more
- ALL Monitoring and Rig Supply Wells

Permits and Registrations require a $100.00 deposit which is refundable upon submitting a Driller's Log of the Well to the District Office.

Roberts County and Hutchinson County
Ogallala Aquifer *contour interval = 1 Foot*



Hutchinson County - Ogallala Wells (see map above)

Well #	Section		Depth to Water in Feet				Water Level Variation		
			1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
615301	37			-122.3	-115	-114.1		8.2	0.9
615803	39			-80	-78.3	-80		0	-17
615804	42			-111.4	-111	-111		0.4	0
615901	1			-77.5	-73.3	-75		2.5	-17
615902	234				-25.7	-25			0.7
616401	207				-290.8	-294			-3.2
616402	8				-267.2	-276.5			-9.3
616404	231			-96.7	-98.4	-101.3		-4.6	-2.9
616702	208				237.2	237.4			0.2
623203	11			-161.8	-188.8	-190.2		-8.4	-14
623204	12					-206.1			
623205	12				-154.6	-154.2			0.4
623303	4				-116	-98.3			17.7
623304	10				-190.8	-194			-3.2

Would you like to become a rain gauge cooperator? We will provide the gauge, cards and postage. We just need you to report the monthly rainfall.

If you would like to participate, please contact Susan at (806) 883-2501

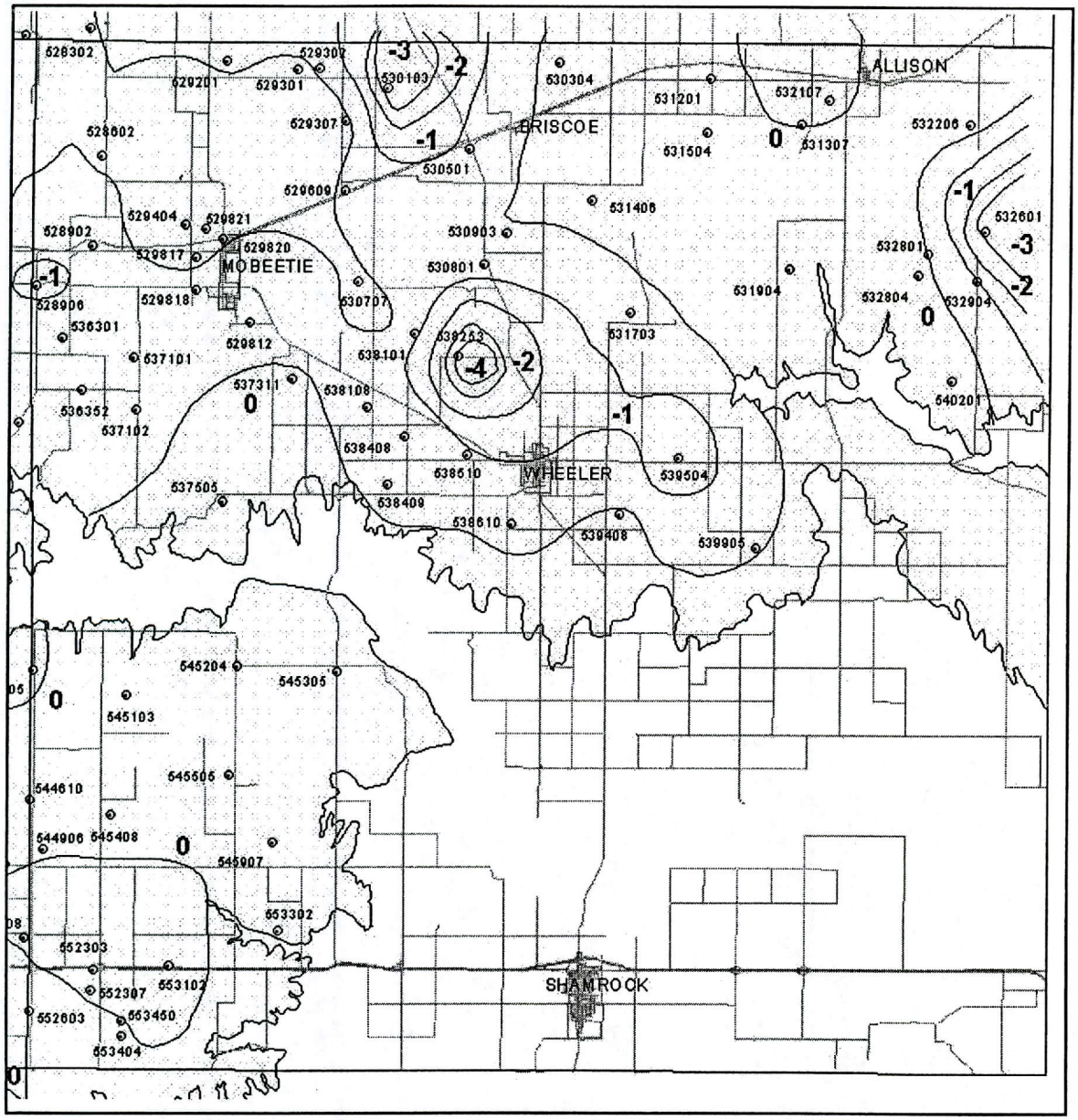
Roberts County - Ogallala Wells (see map page 14)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
364502	53	-429.55	-437.1	-412.7	-442.7	-13.15	-5.6	-30
364951	30		-108.6	-110.1	-110.8		-2.2	-0.7
457502	154	-389.11	-393.3	-398	-398.9	-9.79	-5.6	-0.9
457701	19			-22.6	-23.1		-23.1	-0.5
457851			-253.4	-253.2	-252.9		0.5	0.3
458450	159		-355.4	-357.5	-357.9		-2.5	-0.4
458701	133		-96.1	-93.1	-97.6		-1.5	-4.5
458902	219			-117.1	-117		-117	0.1
459650	36		-275.8	-270.7	-268.8		7	1.9
459701	203	-52.96	-53	-53.9	-54.1	-1.14	-1.1	-0.2
459802	183				-76.2		-76.2	-76.2
459902	171		-46.6	-47.5	-47.5		-0.9	0
459903	183		-40	-40.5	-40.3		-0.3	0.2
460701	158		-97.5	-97.3	-97.1		0.4	0.2
460801	144		-186.24	-187.8	-186.8		-0.56	1
501101	23	-59.85	-54.5	-54.3	-54.9	4.95	-0.4	-0.6
501401	33		-50.4		-51.3		-0.9	
501650	8		-76.3	-80	-83.2		-6.9	-3.2
501801	16		-210.1	-212.2	-209		1.1	3.2
501902	24		-198		-200		-2	
501950	1			-128.1	-127.8			0.3
502202	9	-70.65	-69.2	-68.1	-68.3	2.35	0.9	-0.2
502301	213		-60.8	-61	-58.7		2.1	2.3
502502	60		-113.3	-107.8	-107.5		5.8	0.3
502550	4		-101.1	-100	-100.2		0.9	-0.2
502702	4	-59.66	-53	-55.9	-54.3	5.36	-1.3	1.6
502801	2	-11.55	-7.4	-7.5	-7.1	4.45	0.3	0.4
502901	1	-135.44	-132.7	-133	-132.7	2.74	0	0.3
503401	1	-105.41	-98.7	-99.4	-99.3	6.11	-0.6	0.1
503502	5		-30.4	-30.5	-30.6	-30.6	-0.2	-0.1
503601	16	-86.23	-84.6	-85.4	-85.5	0.73	-0.9	-0.1
503701	1	-85.99	-85.6	-86.2	-89	-3.01	-3.4	-2.8
503709					-276.3			
503901	8		-65.5	-65.5	-65.1		0.4	0.4
504401	115	-100.64	-104.1	-99.3	-99.4	1.24	4.7	-0.1
504402	111		-166.4	-166.5	-166.7		-0.3	-0.2
504502	1	-115.83	-113.3	-115.6	-115.5	0.33	-2.2	0.1
504701	98	-321.13	-320.1	-324.1	-324.3	-3.17	-4.2	-0.2
504801	105	-183.99	-204.8		-194.2	-10.21	10.6	
506502					-288.4			
509101	3	-46.64	-52.1	-55	-54.3	-7.66	-2.2	0.7
509202	30		-241.4	-243.2	-241.4		0	1.8
509302	35	-183.94	-186.2	-181.1	-183.2	0.74	3	-2.1
509404	154		-99	-114	-141.8		-42.8	-27.8
509405	128		-170	-196.3	-216.7		-46.7	-20.4
509406	129		-223		-300		-77	
509407	127		-215	-289.6	-314.3		-99.3	-24.7
509502	102			-286.1	-288.4			-2.3
509503	38			-252.5	-252.7			-0.2
509552	46			-87.2	-91.6			-4.4
509601	49			-232.4	-233.6			-1.2
509603	77	-186.04	-187	-186.8	-201.7	-15.66	-14.7	-14.9
509604	51			-181.6	-182.5			-0.9
509705	126		-328	-310.6	-449.8		-121.8	-139.2
509706	132		-103	-118.5	-137.6		-34.6	-19.1
509707	132		-103	-136.4	-144.4		-41.4	-8
509708	153		-123		-202.8		-79.8	
509710	130		-123		-223.3		-100.3	
509711	127		-227	-318.8	-334.8		-107.8	-16
509750	126		-283.6	-406.1	-418.8		-135.2	-12.7
509755	130				-327.6			
509756	126				-401.1			
509757	126		-284.5	-413.8	-417.1		-132.6	-3.3
509758	126		-280.2	-329.6	-334.4		-54.2	-4.8
509805	100			-308.1	-310			-1.9
509806	105		-262	-284.6	-291.9		-29.9	-7.3

Roberts County - Ogallala Wells Cont'd (see map page 14)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
509850	105				-303.9			
509905	78				-285			
510102	9		-129.5	-129.5	-129.3		0.2	0.2
510402	25			-251.4	-250.1			1.3
510502	68	-241	-254.1	-243.2	-243.7	-2.7	10.4	-0.5
510701	27			-274.7	-277.6			-2.9
510901	45	-160.41	-154.4	-155.8	-155.4	5.01	-1	0.4
510952	13			-344.7	-344.6			0.1
510953	17			-184.6	-184.3			0.3
511101	72	-285.74	-285.2	-285.5	-286.8	-1.06	-1.6	-1.3
511201	88		-292.5	-292.8	-293		-0.5	-0.2
511205	70				-310			
511401	42	-349.24	-328.9	-346.3	-334.8	14.44	-5.9	11.5
511501	52	-325.05	-306.8	-306.5	-306.4	18.65	0.4	0.1
511702	12		-402.6	-397.9	-397.9		4.7	0
512102	64		-281.9	-317.1	-317.5		-35.6	-0.4
517101	150		-204		-223.1		-19.1	
517202	108		-166.2	-168.9	-170.2		-4	-1.3
517203	96			-321.7	-321.8			-0.1
517350	69			-340.5	-340.1			0.4
517452	137			-356.4	-356.3			0.1
517801	114		-385	-388.9	-389.4		-4.4	-0.5
517802	91		-395.2	-401.7	-400.7		-5.5	1
517804	113	-421.82	-396.1	-399.2	-412.9	8.92	-16.8	-13.7
517852	92			-406.1	-405.4			0.7
517901	65		-392.9	-394.4	-392.4		0.5	2
517902	87		-406.4		-407.9		-1.5	
518101	30	-326.12	-324.2	-322.1	-322.5	3.62	1.7	-0.4
518250	4			-334.2	-334.1			0.1
518301	105	-364.99	-357.7	-358	-358.3	6.69	-0.6	-0.3
518503	7		-382.4	-375.6	-375.8		6.6	-0.2
518702	60	-391.5	-388.4	-387.5	-388.5	3	-0.1	-1
518704	35		-380.2	-383	-383.1		-2.9	-0.1
519202	129		-380.3	-361.3	-363.5		16.8	-2.2
519401	158	-325.82	-326.7	-328.5	-327.2	-1.38	-0.5	1.3
519601	94	-114.13	-115	-117.8	-118.4	-4.27	-3.4	-0.6
519702	139	-258.55	-256.9	-259.5	-264	-5.45	-7.1	-4.5
520104	66	-143.12	-142.6	-141.3	-141.1	2.02	1.5	0.2
520203	10	-106.26	-111.9	-112	-111.8	-5.54	0.1	0.2
520402	33		-286.4	-286.5	-286.7		-0.3	-0.2
528204	2	-355.8	-354.7	-349.5	-348.2	7.6	6.5	1.3
608201	184	-177.29	-174	-173	-174.2	3.09	-0.2	-1.2
608501	3	-61.35	-61.4	-62.8	-63.1	-1.75	-1.7	-0.3
608601	36	-8.28	-10.9	-6	-5.9	2.38	5	0.1
616201	2			-143.4	-143.8			-0.4
616301	7	-177.24	-178.2	-178.5	-178.6	-1.36	-0.4	-0.1
616352	7			-179.2	-179.6			-0.4
616501	206			-215	-201.4			13.6
616601	180			-227.9	-233			-5.1
616801	203	-214.57	-215.2	-215.2	-216.1	-1.53	-0.9	-0.9
616901	166	-222.25	-224.7	-260.6	-275.2	-52.95	-50.5	-14.6
616904	166			-291.5	-295			-3.5
616953	158				-245.7			-245.7
624203	202			-241.3	-239.7			1.6
624304	148			-287.2	-289.6			-2.4
624305	159		-304	-319.2	336		64.0	65.5.2
624306	150		-293	-306.6	-325.3		-32.3	-18.7
624307	159		-206	-229.2	-231.9		-25.9	-2.7
624353	159		-296.2	-334.1	-346.3		-50.1	-12.2
624355	160				-236.1			
624356	149				-306.3			
624357	159		295.6	333.5	335.1		39.5	1.6
624358	159		294	304	308.3		14.3	4.3
624601	147		-203.9	-201.8	-202.2		1.7	-0.4
624602	163			-323.9	-324			-0.1
624801	195		-109.4	-111.1	-112.1		-2.7	-1
624901	165	-355.81	-355.4	-355.2	-356.3	-0.49	-0.9	-1.1

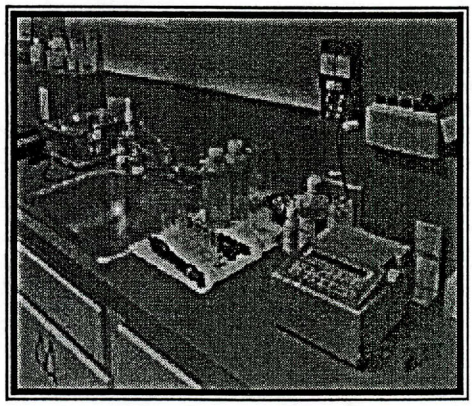
Wheeler County - Ogallala Aquifer *contour interval = 1 Foot*



Need Your Water Well Tested?

The District Office has a fully equipped Water Testing Lab on-site where our trained staff can test your water quality for you.

If you are not on the list for regular Water Quality monitoring and would like to have your well tested, please call our office at (806) 883-2501 to obtain instructions for water collection to be brought into the office.

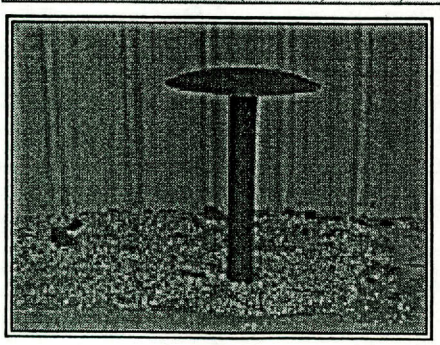


Wheeler County - Ogallala Wells (See map page 16)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
528303	3		-297.4	-297.6	-299.6		-2.2	-2
528602	88	-107.8	-108	-108.2	-107.8	0	0.2	0.4
528902	69		-25.8	-29	-30.6		-4.8	-16
528906	51			-167.3	-167.8			-0.5
529201	4		-142.1	-142.7	-142.7		-0.6	0
529301	79	-124.4	-123.6	-123.6	-123.1	13	0.5	0.5
529302	74		-108.7	-110.8	-108.9		-0.2	1.9
529307	100	-121.1	-119.9	-120.4	-119.2	1.9	0.7	1.2
529404	66			-65.4	-63.6			1.8
529609	79		-57.6	-57.5	-57.9		-0.3	-0.4
529812	37		-21.6	-24.3	-26.1		-4.5	-1.8
529817	55	-65.4	-68.6	-76.3	-66.1	-0.7	2.5	10.2
529818	46	-51.5	-52.5	-61.8	-57.9	-6.4	-5.4	3.9
529820	65			-75.3	-75.3			0
529821	66		-76.7	-70.5	-67.9		8.8	2.6
530103	64	-68.6	-63.6	-78	-79.9	-11.3	-16.3	-1.9
530304	34	-90.1	-88.1	-87.9	-86.2	3.9	1.9	1.7
530501	4		-105.3	-107.1	-107.6		-2.3	-0.5
530707	60		-12.4	-9.8	-12		0.4	-2.2
530801		-65.3	-64.9	-65.1	-65.7	-0.4	-0.8	-0.6
530903	59	-79.9	-76.6	-76.6	-76.6	3.3	0	0
531201	HWY	-111.2	-109.7	-107.8	-108.1	3.1	1.6	-0.3
531307	25		-50.8	-50.3	-51.5		-0.7	-1.2
531406	9			-79.4	-77			2.4
531504	18		-34.3	-33.2	-33.8		0.5	-0.6
531703	43	-99.7	-94.8	-94.4	-96.5		-1.7	-2.1
531904	4			-50.4	-46.5			3.9
532107	20		-51	-50.5	-51.6		-0.6	-1.1
532206	29		-67.2	-64.4	-65		2.2	-0.6
532352	26			-103.7	-95.9			7.8
532601	10			-64.3	-67.8			-3.5
532801	44		0	-0.2	0		0	0.2
532804	44		-17.7	-16.6	-16.8		0.9	-0.2
532904	3			-60.9	-61.8			-0.9
536301	31			-133.6	-134.2			-0.6
536352	12			-52.1	-50.3			1.8
537101	28		-81.8	-80.2	-85.4		-3.6	-5.2
537102	13			-55.6	-56			-0.4
537311	23	-25.4	-21.7	-22.5	-22.4	3	-0.7	0.1
537505	26	-63.5		-59	-56.8	6.7		2.2
538101	32		-4.4	-5.7	-4.9		-0.5	0.8
538108	2	-120.2	-120.7		-122.4	-2.2	-1.7	
538253	33			-93.2	-98.6			-5.4
538408	10	-93	-91.2	-89.3	-87.6	5.4	3.6	1.7
538409	56	-72.4	-69.4	-80.4	-74.2	-1.8	-4.8	6.2
538510	8		-28.8	-30.4	-30.8		-2	-0.4
538610	51	-67	-62.8	-61.9	-64.5	2.5	-1.7	-2.6
538615	6				-55			
539408	4		-6.6	-7.5	-4.9		1.7	2.6
539504	1			-43.7	-45.6			-1.9
539905	9		-36.7	-37.4	-35.6		1.1	1.8
540201	23		-13.4	-5.9	-5.4		8	0.5
544305	31		-86.9	-84.8	-85.5		1.4	-0.7
544906	114		-106.8	-107	-106.6		0.2	0.4
545103	33		-10.7	-7.3	-6.5		4.2	0.8

Wheeler County - Ogallala Wells Cont'd (See map page 16)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
545204	37	-116.1	-117.1	-116.8	-114.4	1.7	2.7	2.4
545305	40	-74.8	-84.9	-77.4	-73	1.8	11.9	4.4
545408	123	-113.6	-111.6	-106.1	-109.4	9.2	2.2	-3.3
545505	5	-103.4	-104.7	-98.5	-106.1	-2.7	-1.4	-7.6
545907	101	-50	-42.1	-44.1	-42.6	7.4	-0.5	1.5
552303	61	-45.2	-37.6	-41.3	-41.7	3.5	-4.1	-0.4
552307	61	-78.6		-72.7	-73.2	5.4		-0.5
553102	23	-65.4	-56.7	-59.5	-59.3	6.1	-2.6	0.2
553302	81		-21	-22.2	-15.6		5.4	6.6
553404	24		-7.7	-7.9	-7.2		0.5	0.7
553450	45			-38.7	-38.8			-0.1



PGCD's
Typical Well Cap Installed on Abandoned Wells

ABONDONED WELLS

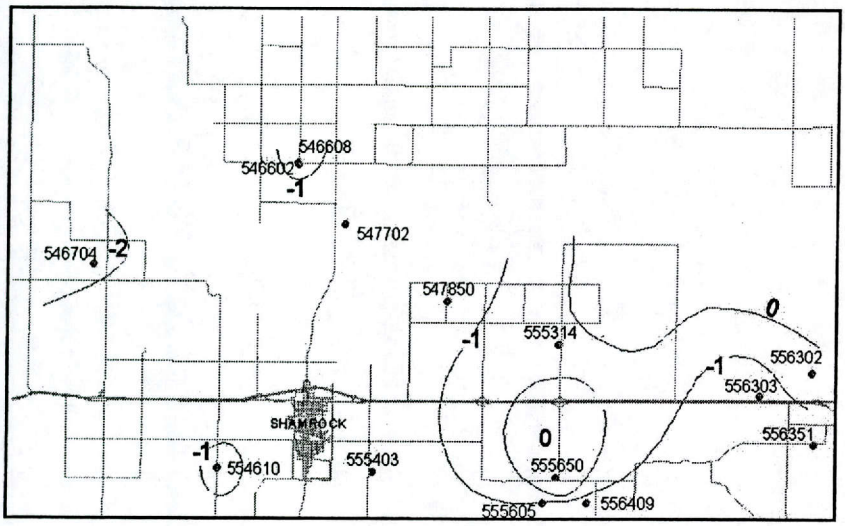
The District would like to remind everyone that abandoned wells can pose a health threat to you and your neighbors. If abandoned wells have not been plugged or capped, they provide a direct conduit for contaminated water to get into the aquifer. If the holes are left open children and animals can fall into the wells. We urge all landowners to identify abandoned wells on their property and report them to the District. State law requires that any well that is open or uncovered at land surface be closed or capped.

When plugging an abandoned well, owners must meet the requirements of the Texas Water Well Driller's Rules, and fill out a state plugging report. The well must have all pumps, piping, and obstructing materials removed, and be disinfected before it is sealed. Information and forms for this procedure are available at the District office.

If wells are not plugged, they should have a cap capable of supporting at least 400 pounds. The cap should either be permanently attached to the casing or have a permanently attached pipe extending at least 3 feet into the well casing. The weighted pipe should be no more than 2 inches smaller than the diameter of the well casing, and the cap should be of sufficient size that no opening shows if it is shifted.

The District provides a well capping service to anyone in the District for a fee of only $50 per well.

Wheeler County - Seymour & Blaine Aquifers
contour interval = 1 Foot



Wheeler County Seymour/Blaine Wells (See map above)

Well #	Section	Depth to Water in Feet				Water Level Variation		
		1995	2000	2004	2005	10 Yr	5 Yr	1 Yr
546503	8				-27.2	-	-	-
546608	4		-23.5	-24.8	-24.8	-	-1.3	0
546704	90		-88.5	-98.2	-101.5	-	-1.3	-3.3
547702	98		-31.8	-47.2	-38.9	-	-7.1	8.3
547850	71			-92.5	-93.9	-	-	-1.4
554307	65			-46.1	-36.7	-	-	9.4
554610	35		-31.3	-41.5	-35.6	-	-4.3	5.9
555314	68	-82.2	-73.2	-73	-73	9.2	0.2	0
555403	39		-77.7	-79.6	-85.5	-	-7.8	-5.9
555605	28		-80.4	-85.3	-85.5	-	-5.1	-0.2
555650	33			-35.1	-32.9	-	-	2.2
556302	60		-30.6	-7.1	-6	-	24.6	1.1
556303	59			-36.3	-34.9	-	-	1.4
556351	41			-60.2	-58.8	-	-	1.4
556409	27		-40.6	-49.8	-48.3	-	-7.7	1.5

PWPG to Hold Public Hearing on August 9th

The Panhandle Water Planning Group (PWPG), a Regional Water Planning Group formed pursuant to the requirements of Senate Bill 1 (75th Legislative Session), will hold a Public Hearing on August 9, 2005, at the Texas A&M Research and Extension Center, at 6500 West Amarillo Blvd., in Amarillo, beginning at 7:00 p.m. The purpose of the Public Hearing is to present to the public the results of the Initially Prepared Regional Water Plan for Region A, Panhandle Water Planning Area, and to solicit input and comments from the general public and interested parties and entities. Region A comprises all of Dallam, Sherman, Hansford, Ochiltree, Lipscomb, Hartley, Moore, Hutchinson, Roberts, Hemphill, Oldham, Potter, Carson, Gray, Wheeler, Randall, Armstrong, Donley, Collingsworth, Hall, and Childress Counties. Chairman of the PWPG is **C. E. Williams**, general manager of Panhandle Groundwater Conservation District.

For more information, please contact: Colby Waters, Regional Water Planning Coordinator, PO Box 9257, Amarillo, TX 79105; telephone 806/372-3381; e-mail cwaters@prpc.cog.tx.us

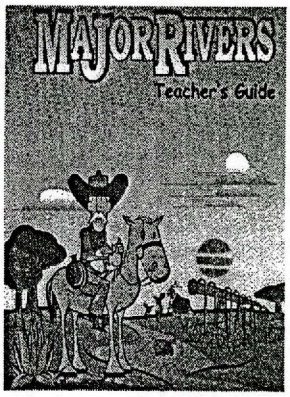
Water Conservation Education Wrap-Up

The District's education and information director, Bart Wyatt, traveled some 4,218 miles to bring the water conservation program to students in public schools throughout the District As a result, a total number of 2,317 students, in 49 different schools, were given presentations, water saver kits, and waterwheels. Once again, the District is truly thankful for the participation of all schools.

This year, the PGCD hit two new milestones. The first milestone was accomplished by surpassing the teaching of the 10,000th student since the inception of the program, while another was reached on May 11th, 2005, as 100% of all public schools in our District participated in the education program this year. The bar has been raised, and we will strive for 100% every year!

For the second year in a row, the PGCD gave fifth grade students across the District the opportunity to take home a water saver kit. Inside the kit, students found a high efficiency showerhead, kitchen and bathroom sink aerators, leak gauge, and an assortment of other conservation tools to use around the home. Even with all that is given to the students, the total cost of the program, including salary and materials, is only $9.58 per student. We believe this is a great program, per dollar spent, and we know this program sends home a message to both students and parents about how important water conservation is and the part they can do to preserve our precious resource.

Continuing our stride to keep education in the forefront, "Major Rivers," a water education program for fourth graders, was introduced to 19 schools across the District. In its first year, 779 fourth grader students were introduced to water and its importance. The kits include both a teacher's guide and student packets, giving the District a one-two punch in its effort to promote the importance of water and its conservation. In its beginning year, it only cost the District $2.58 per student to start better educating the future of tomorrow!



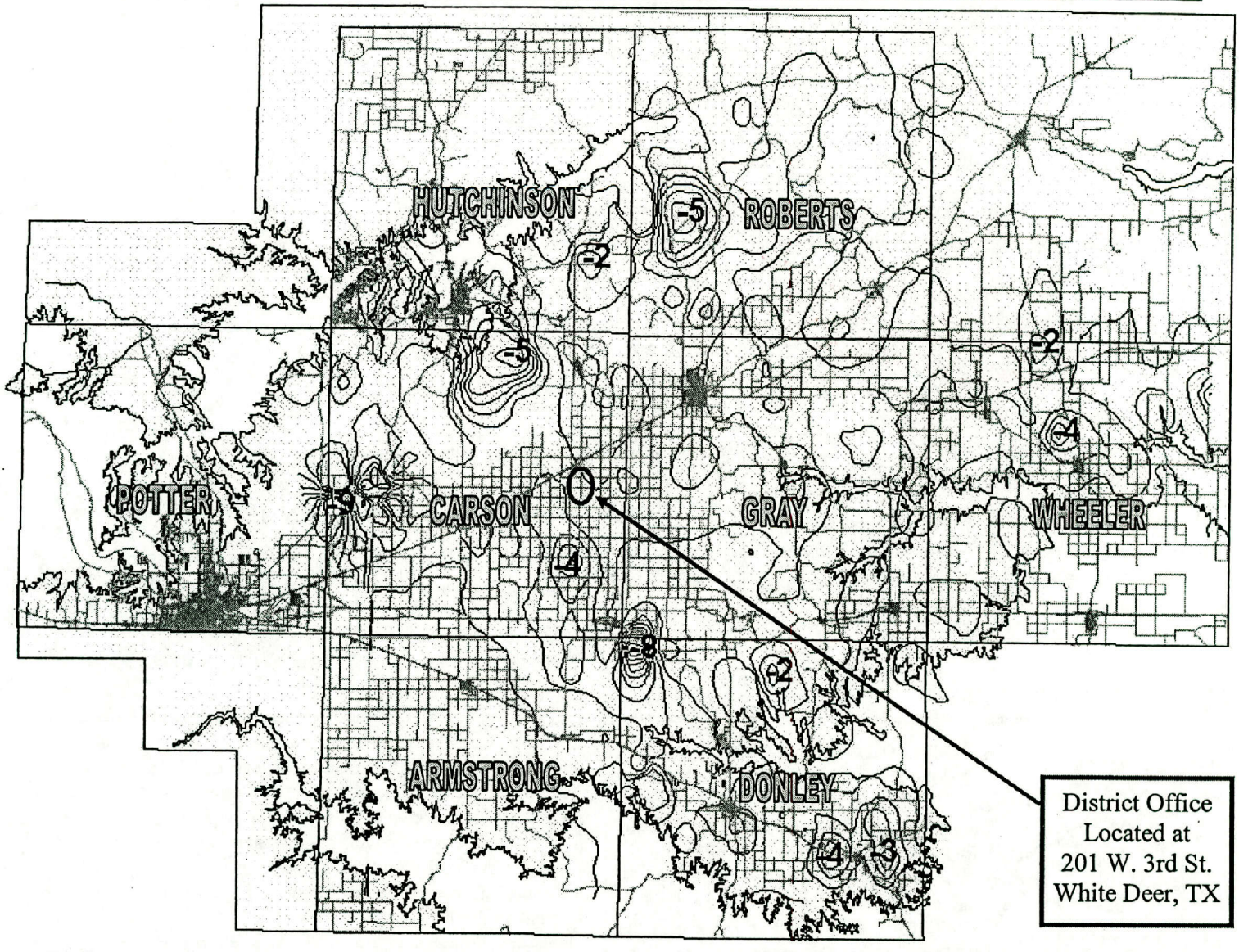
In addition to the education of our 4th and 5th grade students, District personnel were very busy manning an informational booth at events throughout the District. We participated in the Tri-State Fair, Amarillo Farm and Ranch Show, agriculture days, health fairs, and many science fairs, providing information and answering questions.

Water—it's talked about on the news, radio, and in newspapers. Let's make sure everyone does their part to conserve it so that it can be talked about for many years to come! Remember, conservation only works when there is something left to conserve—future generations are counting on you and me!

PANHANDLE GROUNDWATER CONSERVATION DISTRICT

Ogallala Aquifer - Annual Decline Map

(Contour lines show decline in water level by foot interval)



DISTRICT DEPARTMENTS

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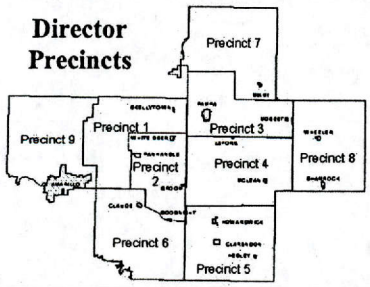
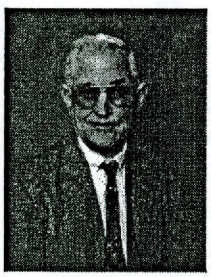
Director Precincts



PANHANDLE GROUNDWATER DISTRICT
"Conserving Water for Future Generations"

Meet Your Director



Phillip Smith serves as District Director of Precinct 1. He was appointed to the Board, to fill an unexpired term, in February 1990. He was elected to the position in January 1992, and re-elected in subsequent elections. He served as vice-president of the Board for two years.

Phillip has lived most of his life in the Panhandle/Pantex area. He graduated from Panhandle High School, in Panhandle, and West Texas State College, in Canyon. Although his degree was in Industrial Arts, his primary interest has always been agricultural, especially cattle. He served in the U.S. Army and was and Expert Marksman on the Rifle Team. He was a heavy equipment operator in the Army, and after the service he operated heavy equipment for Carson County.

Phillip's wife, Doris, was also raised in the Pantex area, and following their marriage, and the death of Doris' dad, Phillip became a partner with her mom on the family farm and ranch.

Doris worked as an airline hostess for TWA, before her marriage. These days, she stays busy with farm chores, the garden, and helping Phillip. She is also very active in St. Francis Catholic Church and STAND (Serious Texans Against Nuclear Dumping). Phillip and Doris are the parents to two daughters, Jennifer Pat Elsik of The Woodlands, and Jeannine P. Wendel of Newcastle. They have five grandchildren.

Phillip also serves on numerous other Boards, including the Canadian River Soil & Water Conservation District, FSA, St. Francis Catholic Church, and the Potter County Appraisal District. He is also a cancer survivor.

Precinct 1 covers the northern and western portions of Carson County and the extreme eastern portion of Potter County. If you reside in this area, Mr. Smith is your representative on the Board.

2004 - 2005 Water Statistics

Location	Wells Measured	Average Depth to Water	Maximum Depth to Water	Minimum Depth to Water	Median Depth to Water	Average Change
Entire District	769	-208	-641	0	-183	0.2
Armstrong	72	-199	-357	-94	-184	-0.6
Carson	154	-380	-641	-30	-395	0.2
Donley	92	-92	-354	-3	-87	1.4
Gray	94	-205	-405	-5	-152	-0.2
Hutchinson	15	-144	-294	-3	-114	-1.1
Potter	98	-119	-491	-4	-93	0.5
Roberts	137	-230	-450	-6	-241	-0.5
Wheeler	107	-56	-168	0	-52	0.6