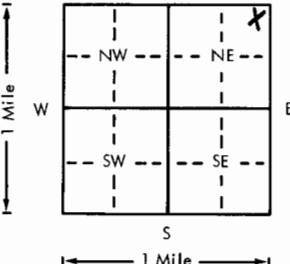


USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD  
KSA 82a-1201-1215

Kansas Department of Health and Environment-Division of Environment (Water well Contractors) Topeka, Kansas 66620

1. Location of well:	County <u>Grant</u>	Fraction <u>NE 1/4 NE 1/4 NE 1/4</u>	Section number <u>13</u>	Township number <u>29</u>	Range number <u>35</u>
2. Distance and direction from nearest town or city: <u>3/4 mi E and 3 N from Ryus, Kansas</u> Street address of well location if in city:			3. Owner of well: <u>E. E. Anthony</u> R.R. or street: City, state, zip code: <u>Satanta, Kansas 67870</u>		
4. Locate with "X" in section below: N  W E S 1 Mile			6. Bore hole dia <u>10 5/8</u> in. Completion date <u>7/14/77</u> Well depth <u>612</u> ft.		
5. Type and color of material <u>See Attachment</u>			7. <input checked="" type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary		
			8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other		
			9. Casing: Material <u>Plastic</u> Height: <u>Above</u> or below Threading: <u>Glued</u> Welded <input type="checkbox"/> Surface <u>12</u> in. RMP: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Weight <u>4</u> lbs./ft. Dia. <u>6 3/8</u> in. to <u>    </u> ft. depth Wall Thickness: inches or Dia. <u>    </u> in. to <u>    </u> ft. depth gage No. <u>316</u>		
			10. Screen: Manufacturer's name <u>Jet Stream</u> Type <u>PVC</u> Dia. <u>6 5/8</u> " Slot/gauze <u>.06 (7/16)</u> length <u>120</u> " Set between <u>380</u> ft. and <u>420</u> ft. <u>490'</u> & <u>530'</u> ft. and <u>572'</u> & <u>612'</u> ft. Gravel pack? <u>Yes</u> Size range of material <u>8-12 FOUNTAIN SAND</u>		
			11. Static water level: <u>304</u> ft. below land surface Date <u>7/15/77</u> mo./day/yr.		
			12. Pumping level below land surfaces: <u>Not pumped</u> <u>    </u> ft. after <u>    </u> hrs. pumping <u>    </u> g.p.m. <u>    </u> ft. after <u>    </u> hrs. pumping <u>    </u> g.p.m. Estimated maximum yield <u>    </u> g.p.m.		
			13. Water sample submitted: <u>    </u> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <u>    </u>		
			14. Well head completion: <input checked="" type="checkbox"/> Pitless adapter <u>    </u> Inches above grade		
			15. Well grouted? <u>Yes</u> With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <u>0</u> ft. to <u>10</u> ft.		
			16. Nearest source of possible contamination: ft. <u>102</u> Direction <u>East</u> Type <u>Sewer</u> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <u>    </u> Model number <u>    </u> HP <u>    </u> Volts <u>    </u> Length of drop pipe <u>    </u> ft. capacity <u>    </u> g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other					
(Use a second sheet if needed)					
18. Elevation:  Topography: <input type="checkbox"/> Hill <input checked="" type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley	19. Remarks:		20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Henkle Drilling &amp; Sply 145</u> Business name License No. <u>    </u> Address <u>Box 639, Garden City, KS</u> Signed <u>Bruce J. Richmond</u> Date <u>7/15/77</u> Authorized representative		

2935013 NE NE NE

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

**DRILLERS TEST LOG**

CUSTOMERS NAME E. E. Anthony DATE 7/8/77  
 STREET ADDRESS \_\_\_\_\_ TEST # 1 E. LOG Yes  
 CITY & STATE Satanta, Kansas DRILLER Geist  
 COUNTY Grant QUARTER NE SECTION 13 TOWNSHIP 29 RANGE 35

LOCATION \_\_\_\_\_ DOMESTIC WELL LOCATION \_\_\_\_\_

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0	66	Brown sandy clay - loose - and fine sand. (6 GEL)	
	66	98	Sand fine to med coarse. small to med size gravel. Loose. A few hard ledges.	
	98	103	Brown sandy clay. (Mixed 4 GEL)	
	103	115	Sand fine to med coarse.	
	115	119	Brown sandy clay.	
	119	191	Sand fine to med coarse, a few small gravel. Drilled loose & ragged. A few large gravel & alot of hard ledges.	
	191	211	Brown clay - firm & sticky.	
	211	220	Brown clay - sticky. A few brown sandy clay sts.	
	220	233	Brown sandy clay and a few fine sand sts.	
	233	248	Brown clay - firm & sticky.	
	248	275	Sand fine to med coarse and sticky clay sts.	
	275	340	Sand fine to med coarse. Drilled loose & ragged. A few hard ledges, esp hard ledge at 340'.	
	340	350	Brown and yellow clay with a few sand sts.	
50	350	11 361	Sand fine to med with a few coarse.	
	361	363	Brown sandy clay.	
60	363	37 400	Sand fine to med coarse. Drilled loose & ragged. A few clay sts.	
	400	403	Brown clay.	
40	403	16 419	Sand fine to med coarse - loose. A few clay sts.	
	419	423	Brown clay - sticky.	
	423	462	Brown sandy clay. a few sand sts - loose in places. A few limerock ledges.	
	462	465	Fine sugar sand.	
	465	480	Brown sandy clay with a few fine sand sts. Loose in places	
40	480	6 486	Sand fine to med coarse. Brown rock.	
	486	490	Brown clay.	
50	490	32 522	Sand fine to med coarse, brown rock. Drilled hard, used pull down. Alot of brown sandstone - used water.	
	522	527	Limerock - hard.	
70	527	10 537	Fine sugar sand & brown rock.	
	537	565	Brown sandy clay with a few sand sts & dakota sts. (4 GEL)	
65	565	7 572	Fine sand and brown rock - loose.	
40	572	13 585	Brown sandy clay and brown sandstone.	
70	585	17 602	Brown rock, sandstone with a few clay sts. - Loose.	
			Used alot of water. (1 LIME)	
			Continued on page #2.	

DRILLERS TEST LOG

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CITY & STATE Satanta, Kansas DRILLER Geist  
COUNTY Grant QUARTER NE SECTION 13 TOWNSHIP 29 RANGE 35

LOCATION \_\_\_\_\_ DOMESTIC WELL LOCATION \_\_\_\_\_

Continued from page #1.

%	FOOTAGE			DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay	To		Proposed Well Depth _____
Good	602	10	612	Brown sandstone, tan sandstone - drilled tight	
	612		620	Red bed and hard ledges.	
		159			
				TOTAL DEPTH OF WELL 614'	
				612 - 572 Perf.	
				572 - 530 Plain	
				530 - 490 Perf.	
				490 - 400 Plain	
				400 - 380 Perf.	
				380 - 0 Plain	