

1 LOCATION OF WATER WELL		Fraction	Section Number	Township Number	Range Number		
County: <u>Seward</u>		<u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$	<u>2</u>	T <u>31</u> S	R <u>31</u> <u>EW</u>		
Distance and direction from nearest town or city? <u>Approx. 7 1/4 miles north and 4 miles west of Plains</u>			Street address of well if located within city?				
2 WATER WELL OWNER: <u>Kirby Clawson</u>							
RR#, St. Address, Box #			Board of Agriculture, Division of Water Resources				
City, State, ZIP Code: <u>Satanta, ks. 67870</u>			Application Number: <u>33,480</u>				
3 DEPTH OF COMPLETED WELL: <u>51.3</u> ft. Bore Hole Diameter: <u>26</u> in. to ft. and in. to ft.							
Well Water to be used as:							
1 Domestic		3 Feedlot	5 Public water supply	8 Air conditioning	11 Injection well		
2 Irrigation		4 Industrial	6 Oil field water supply	9 Dewatering	12 Other (Specify below)		
		7 Lawn and garden only	10 Observation well				
Well's static water level: <u>197</u> ft. below land surface measured on <u>April</u> month <u>29</u> day <u>1980</u> year							
Pump Test Data: Well water was <u>235</u> ft. after <u>4</u> hours pumping <u>1600</u> gpm							
Est. Yield <u>+3000</u> gpm: Well water was ft. after hours pumping gpm							
4 TYPE OF BLANK CASING USED:							
1 Steel		3 RMP (SR)	5 Wrought iron	8 Concrete tile	Casing Joints: Glued Clamped		
2 PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded <u>X</u>		
			7 Fiberglass		Threaded		
Blank casing dia: <u>16</u> in. to <u>51.3</u> ft. Dia in. to ft. Dia in. to ft.							
Casing height above land surface: <u>12</u> in., weight <u>36.91</u> lbs./ft. Wall thickness or gauge No. <u>219</u>							
TYPE OF SCREEN OR PERFORATION MATERIAL:							
1 Steel		3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement		
2 Brass		4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify)		
					12 None used (open hole)		
Screen or Perforation Openings Are:							
1 Continuous slot		3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)		
2 Louvered shutter		4 Key punched	6 Wire wrapped	9 Drilled holes			
			7 Torch cut	10 Other (specify)			
Screen-Perforation Dia: <u>16</u> in. to <u>51.3</u> ft. Dia in. to ft. Dia in. to ft.							
Screen-Perforated Intervals: From <u>273</u> ft. to <u>433</u> ft., From <u>483</u> ft. to <u>513</u> ft.,							
Gravel Pack Intervals: From <u>10</u> ft. to <u>513</u> ft., From ft. to ft.,							
5 GROUT MATERIAL:							
1 Neat cement		2 Cement grout	3 Bentonite	4 Other			
Grouted Intervals: From <u>0</u> ft. to <u>10</u> ft., From ft. to ft., From ft. to ft.							
What is the nearest source of possible contamination: <u>None Observed</u>							
1 Septic tank		4 Cess pool	7 Sewage lagoon	10 Fuel storage	14 Abandoned water well		
2 Sewer lines		5 Seepage pit	8 Feed yard	11 Fertilizer storage	15 Oil well/Gas well		
3 Lateral lines		6 Pit privy	9 Livestock pens	12 Insecticide storage	16 Other (specify below)		
				13 Watertight sewer lines			
Direction from well How many feet ? Water Well Disinfected? Yes No <u>X</u>							
Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> If yes, date sample							
was submitted month day year: Pump Installed? Yes <u>X</u> No							
If Yes: Pump Manufacturer's name: <u>Johnston</u> Model No. <u>14CC</u> HP <u>200</u> Volts							
Depth of Pump Intake: <u>385</u> ft. Pumps Capacity rated at <u>1900</u> gal./min.							
Type of pump: 1 Submersible <u>2 Turbine</u> 3 Jet 4 Centrifugal 5 Reciprocating 6 Other							
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on <u>April</u> month <u>25</u> day <u>1980</u> year							
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u>							
This Water Well Record was completed on <u>May</u> month <u>8</u> day <u>1980</u> year under the business name of <u>Henkle Drilling & Supply Co. Inc</u> by (signature) <u>Bruce J. Reichmuth</u>							
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
				<u>See attached log</u>			
ELEVATION:							
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. 4. ft. (Use a second sheet if needed)							

INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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EW

SEC

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DRILLERS TEST LOG

CUSTOMERS NAME Kirby Clawson

DATE 11-31-79

STREET ADDRESS

TEST # 2 E. Log yes

CITY & STATE Satanta, Ks. 67870

DRILLER Livingston

COUNTY Seward QUARTER SW

SECTION 2

TOWNSHIP 31

RANGE 31

LOCATION 700' South & 50' East of the NW corner of the quarter.

WELL LOCATION

#	DRILLED	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL
	FROM				PROPOSED WELL DEPTH 513'
	0		2	Top Soil	
	2		60	Brown Sandy Clay Caliche	
	60		105	Brown Clay Caliche	
	105		115	Sand fine to med. small gravel	
	115		136	Brown Clay	
	136		160	Sand fine to med. coarse small gravel.	
	160		171	Brown clay & few rock ledges	
	171		180	Sand fine to med. Cemented ledges	
	180		204	Brown clay few rock ledges & sand sts.	
50	204	08	212	Sand fine to med. coarse, small gravel.	
	212		240	Brown clay rock ledges & few sand sts.	
50	240	15	255	Sand fine to med. coarse very few clay sts.	
	255		270	Brown clay & few rock ledges.	
65	270	54	324	Sand fine to med. coarse small gravel few med gravel.	
	324		330	Brown sandy clay limerock.	
55	330	20	350	Sand fine to med. coarse small gravel	
45	350	20	370	Sand fine to med. coarse small gravel, brown sandy clay & limerock.	
55	370	38	408	Sand fine to med. coarse small to med. gravel	
20	408	22	430	Limerock brown sandy clay & fine sand sts. Drills loose in places.	
	430		470	Brown sandy clay & few fine sand sts. & lime rocks.	
	470		480	Brown Clay	
Very Good	480	30	510	White & tan sand stone drills loose in places. lots of water.	Used
	510		512	Soapstone	
	512		520	Red Bed.	
				TOTAL DEPTH 513'	
		2.7		Set up SOUTH Pit on WEST	

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

SUBLETTE, KANSAS

Phone 675-4311

TEST HOLES

DOMESTIC WELLS

STOCK MARKET

IRRIGATION & INDUSTRIAL WELLS