

1 LOCATION OF WATER WELL: County: Haskell		Fraction SE 1/4 SW 1/4 SW 1/4		Section Number 25		Township Number T 29 S		Range Number R 34 E	
Distance and direction from nearest town or city street address of well if located within city? Approx. 3 1/2 miles north of Satanta, Kansas									
2 WATER WELL OWNER: Kirby Clawson RR#, St. Address, Box # : City, State, ZIP Code : Satanta, KS 67870 Board of Agriculture, Division of Water Resources Application Number: 12,394									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div><div>1 Mile</div><div><div>N</div><div>W</div><div>E</div><div>S</div><div><div>NW</div><div>NE</div><div>SW</div><div>SE</div><div>X</div></div></div></div>			4 DEPTH OF COMPLETED WELL. 670' ft. ELEVATION: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 297' ft. below land surface measured on mo/day/yr Pump test data: Well water was 358' ft. after 4 hours pumping 1133 gpm Est. Yield +1200 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 30" in. to 670' ft., and in. to ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes.....No X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No X						
5 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 7 Fiberglass Threaded Blank casing diameter 16" in. to 670' ft., Dia 20" in. to 312-537' ft., Dia in. to ft. Casing height above land surface 12" in., weight 16" - 42.05 lbs./ft. Wall thickness or gauge No. 250" w TYPE OF SCREEN OR PERFORATION MATERIAL: 20" - 52.73 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 313-353 ft. to 389-429 ft., From 485-505 ft. to 540-548 ft. From 368-388 ft. to 430-450 ft., From 506-526 ft. to 578-670 ft. GRAVEL PACK INTERVALS: From 10-670' ft. to ft., From ft. to ft. From ft. to ft., From ft. to ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0-10' ft. to ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage NONE OBSERVED Direction from well? How many feet? FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG SEE ATTACHED LOG									
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 1-28-87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 2-16-87 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) <i>Barry J. Reichmuth</i> 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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.									

DRILLERS TEST LOG

CUSTOMERS NAME Kirby Clawson DATE 11-13-86
 STREET ADDRESS _____ TEST # 1 E. LOG Yes
 CITY & STATE Satanta, KS 67870 DRILLER Livingston
 COUNTY Haskell QUARTER SW SECTION 25 TOWNSHIP 29 RANGE 34

LOCATION _____

%	FOOTAGE			DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay	To		Proposed Well Depth _____
	0		2	Top Soil	
	2		40	Brown sandy clay and few sand streaks	
	40		50	Sand, fine to medium	
	50		60	Brown sandy clay	
	60		90	Sand, fine to medium, small to medium gravel	
	90		100	Brown sandy clay and fine sand	
	100		210	Sand, fine to medium, small to large gravel	
	210		225	Brown clay and limerock ledges	
	225		235	Sand, fine to medium, and few clay streaks	
	235		243	Brown sandy clay	
	243		306	Sand, fine to medium, coarse and small gravel	
	306		313	Yellow and blue clay	
65	313	23	353	Sand, fine to medium, coarse, small gravel and few medium gravel	
	353		370	Brown sandy clay and fine sand streaks	
35	370	15	385	Sand, fine and small, limerock and few clay streaks	
20	385	12	397	Limerock, sandy clay and few fine sand streaks	
	397		410	Brown sandy clay and limerock	
20	410	40	450	Limerock, fine sand and clay streaks	
	450		480	Brown clay	
	480		487	Brown sandy clay and few sand streaks	
40	487	13	500	Sand, fine to medium, and few clay streaks	
	500		510	Brown sandy clay and fine sand streaks	
70	510	16	526	Sand, fine to medium, coarse and small brown gravel, brown rock	
	526		540	Brown clay and few sand streaks, fine	
60	540	07	547	Brown rock and sand, fine and small, brown gravel	
	547		557	Yellow soapstone and limestone	
	557		580	Weathered shale	
15	580	16	596	Dakota and soapstone and shale, drills loose in places, Mixed Bran - Used Water	
30	596	34	630	Dakota and yellow soapstone, drills loose in places	
20	630	38	668	Dakota and soapstone and brown clay - used water	
	668		673	Soapstone and limestone	
	673		680	Red Bed	
				Sloughing Clay	
				1 - Set Bits	
				3 - Sacks of Jel	
				1 - Sack Bran	

Well Depth = 670'
Set up west - Pit on the north

GARDEN CITY, KS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE, KS
 Phone 276-3278 IRRIGATION HEADQUARTERS Phone 675-4311
 TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS