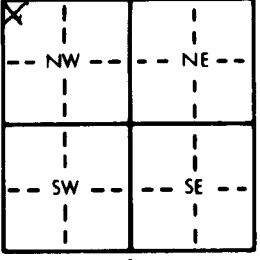


NW-20L

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: <u>Jefferson</u>		Fraction <u>NW 1/4 NW 1/4 NW 1/4</u>	Section Number <u>35</u>	Township Number <u>T 1 S</u>	Range Number <u>R 19 E/W</u>																																																												
Distance and direction from nearest town or city street address of well if located within city? <u>Hamm Landfill</u>																																																																	
2 WATER WELL OWNER: <u>Hamm Quarries</u> RR#, St. Address, Box #: <u>PO Box 17</u> City, State, ZIP Code: <u>Perry, KS 66073-0017</u> Board of Agriculture, Division of Water Resources Application Number:																																																																	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: <u>55</u> ft. ELEVATION: <u>8/24/98</u> Depth(s) Groundwater Encountered 1. <u>~50</u> ft. 2. <u>—</u> ft. 3. <u>—</u> ft. WELL'S STATIC WATER LEVEL <u>41.07</u> ft. below land surface measured on mo/day/yr <u>8/24/98</u> Pump test data: Well water was <u>—</u> ft. after <u>—</u> hours pumping <u>—</u> gpm Est. Yield <u>—</u> gpm: Well water was <u>—</u> ft. after <u>—</u> hours pumping <u>—</u> gpm Bore Hole Diameter <u>6.125</u> in. to <u>55</u> ft., and <u>—</u> in. to <u>—</u> 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) <u>NW-20L</u> 2 Irrigation 4 Industrial 7 Lawn and garden only <u>10 Monitoring well</u> Was a chemical/bacteriological sample submitted to Department? Yes <u>—</u> No <u>X</u> If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>—</u> No <u>X</u>																																																															
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>—</u> Clamped <u>—</u> <u>2</u> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <u>—</u> Blank casing diameter <u>2</u> in. to <u>45</u> ft., Dia <u>—</u> in. to <u>—</u> ft., Dia <u>—</u> in. to <u>—</u> ft. Casing height above land surface <u>24</u> in., weight <u>SCH 40</u> lbs./ft. Wall thickness or gauge No. <u>—</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <u>7</u> PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) <u>—</u> 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 <u>3</u> Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) <u>—</u> SCREEN-PERFORATED INTERVALS: From <u>55</u> ft. to <u>45</u> ft., From <u>—</u> ft. to <u>—</u> ft. From <u>—</u> ft. to <u>—</u> ft., From <u>—</u> ft. to <u>—</u> ft. <u>GRAVEL</u> PACK INTERVALS: From <u>55</u> ft. to <u>43</u> ft., From <u>—</u> ft. to <u>—</u> ft. From <u>—</u> ft. to <u>—</u> ft., From <u>—</u> ft. to <u>—</u> ft.																																																																	
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <u>—</u> Grout Intervals <u>3</u> From <u>43</u> ft. to <u>40</u> ft. <u>2</u> From <u>40</u> ft. to <u>0</u> ft., From <u>—</u> ft. to <u>—</u> ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) <u>monitor landfill</u> 13 Insecticide storage Direction from well? <u>How many feet?</u>																																																																	
<table border="1"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>1</td><td>SOIL</td><td></td><td></td><td></td></tr><tr><td>1</td><td>14</td><td>clay</td><td></td><td></td><td></td></tr><tr><td>14</td><td>24</td><td>clay silty clay</td><td></td><td></td><td></td></tr><tr><td>24</td><td>26</td><td>silty clay</td><td></td><td></td><td></td></tr><tr><td>26</td><td>28</td><td>sand</td><td></td><td></td><td></td></tr><tr><td>28</td><td>35</td><td>silty clay</td><td></td><td></td><td></td></tr><tr><td>35</td><td>36</td><td>lens of sand</td><td></td><td></td><td></td></tr><tr><td>36</td><td>55</td><td>silty clay</td><td></td><td></td><td></td></tr><tr><td>55</td><td>TD</td><td>end of bore hole</td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	1	SOIL				1	14	clay				14	24	clay silty clay				24	26	silty clay				26	28	sand				28	35	silty clay				35	36	lens of sand				36	55	silty clay				55	TD	end of bore hole			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>1</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>8/13/98</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>885</u> This Water Well Record was completed on (mo/day/yr) <u>8/26/98</u> under the business name of <u>AEI</u> by (signature) <u>Adrian D. Duncan</u>																																																																	

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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.