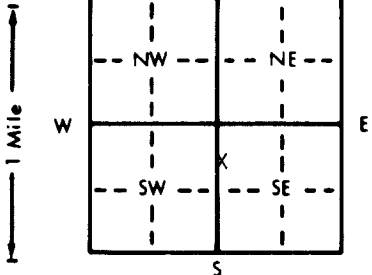


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction W 1/4 NW 1/4 SE 1/4	Section Number 12	Township Number T 29 S	Range Number R 1 EW																																																																																				
Distance and direction from nearest town or city street address of well if located within city? Approximately 350 East and 600 Feet South of the Intersection of Kay and Buckner Streets, Derby, KS 01928018 MW-2																																																																																									
2 WATER WELL OWNER: Atchison, Topeka and Santa Fe Railroad RR#, St. Address, Box # : One Santa Fe Plaza Board of Agriculture, Division of Water Resources City, State, ZIP Code : Topeka, KS 66612-1116 Application Number:																																																																																									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: 49 ft. ELEVATION: ft. Depth(s) Groundwater Encountered 1. 42.5 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr 06/12/92 Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 8.5 in. to 49 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 Monitoring 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. X Blank casing diameter in. to 34 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No. Schedule 40 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 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 34 ft. to 49 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 32 ft. to 49 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 ft. to 30 ft., From 30 ft. to 32 ft., From ft. to ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) Direction from well? North-Northeast How many feet? Approximately 570																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"><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>0.0</td><td>1.5</td><td>Gravel, Concrete Fragments, Topsoil</td><td></td><td></td><td></td></tr><tr><td>1.5</td><td>4.5</td><td>Brown, Lean to Fat Clay</td><td></td><td></td><td></td></tr><tr><td>4.5</td><td>21.5</td><td>Orange-Brown, Silty, Lean to Fat Clay</td><td></td><td></td><td></td></tr><tr><td>21.5</td><td>29.5</td><td>Silty-Sandy Lean to Fat Clay, Very Fine Grained, Orange-Brown</td><td></td><td></td><td></td></tr><tr><td>29.5</td><td>34.5</td><td>Tan-Light Brown, Silty Lean Clay</td><td></td><td></td><td></td></tr><tr><td>34.5</td><td>39.0</td><td>Fine Sand, Trace Medium, White, Tan, Pink</td><td></td><td></td><td></td></tr><tr><td>39.0</td><td>41.5</td><td>Fine to Medium Sand, White, Tan, Pink</td><td></td><td></td><td></td></tr><tr><td>41.5</td><td>44.5</td><td>Medium to Coarse Sand, Trace Silt, White, Tan, Pink</td><td></td><td></td><td></td></tr><tr><td>44.5</td><td>50.0</td><td>Fine to Very Coarse Sand, Tan, Pink, White, Trace Gray Silt</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0.0	1.5	Gravel, Concrete Fragments, Topsoil				1.5	4.5	Brown, Lean to Fat Clay				4.5	21.5	Orange-Brown, Silty, Lean to Fat Clay				21.5	29.5	Silty-Sandy Lean to Fat Clay, Very Fine Grained, Orange-Brown				29.5	34.5	Tan-Light Brown, Silty Lean Clay				34.5	39.0	Fine Sand, Trace Medium, White, Tan, Pink				39.0	41.5	Fine to Medium Sand, White, Tan, Pink				41.5	44.5	Medium to Coarse Sand, Trace Silt, White, Tan, Pink				44.5	50.0	Fine to Very Coarse Sand, Tan, Pink, White, Trace Gray Silt																											
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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) 06/12/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 06-15-92 under the business name of Terracon Consultants, Inc. by (signature) Mike Frisch																																																																																									