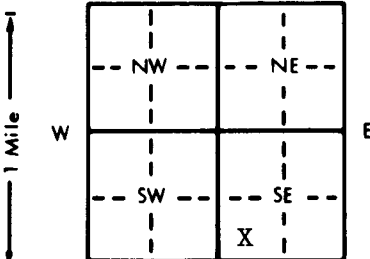


1 LOCATION OF WATER WELL: Johnson		Fraction SW 1/4 SW 1/4 SE 1/4		Section Number 20	Township Number T 13 S	Range Number R 24 EW																																																																		
Distance and direction from nearest town or city street address of well if located within city? 119th & Frontage Road - Olathe, Kansas																																																																								
2 WATER WELL OWNER: Kansas Department of Transportation																																																																								
RR#, St. Address, Box # : Docking State Office Building			Board of Agriculture, Division of Water Resources																																																																					
City, State, ZIP Code : Topeka, Kansas 66612-1568			Application Number:																																																																					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 34.6 ft. ELEVATION: 1-17-90																																																																						
		Depth(s) Groundwater Encountered 1. 32.8 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 30.4 ft. below land surface measured on mo/day/yr 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 6 in. to 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																																																																						
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 X Blank casing diameter 2 in. to xxx 27.5 Dia in. to ft. Dia in. to ft. Casing height above land surface 2.4 ft. weight lbs./ft. Wall thickness or gauge No. SCH 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 27.5 ft. to 34.6 ft. From ft. to ft. GRAVEL PACK INTERVALS: From 27 ft. to 34.6 ft. From ft. to ft.																																																																								
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout intervals: From 0 ft. to 25 ft. From 25 ft. to 27.5 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 xxxxxxxxxx 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 Direction from well? Southwest How many feet? 100'																																																																								
<table><tr><td>FROM</td><td>TO</td><td>LITHOLOGIC LOG</td><td>FROM</td><td>TO</td><td>PLUGGING INTERVALS</td></tr><tr><td>0</td><td>2.0</td><td>Lean Clay, brown</td><td></td><td></td><td></td></tr><tr><td>2.0</td><td>7.0</td><td>Lean to Fat Clay, gray brown</td><td></td><td></td><td></td></tr><tr><td>7.0</td><td>8.5</td><td>Sandstone, red brown</td><td></td><td></td><td></td></tr><tr><td>8.5</td><td>11.1</td><td>Shale, sandy, yellow brown</td><td></td><td></td><td></td></tr><tr><td>11.1</td><td>14.4</td><td>Shale, olive brown</td><td></td><td></td><td></td></tr><tr><td>14.4</td><td>14.8</td><td>Weathered Limestone Auger Refusal</td><td></td><td></td><td></td></tr><tr><td>14.8</td><td>15.0</td><td>Weathered Limestone, gray yellow</td><td></td><td></td><td></td></tr><tr><td>15.0</td><td>20.0</td><td>Limestone, with shale seams</td><td></td><td></td><td></td></tr><tr><td>20.0</td><td>31.2</td><td>Limestone, with shale seams</td><td></td><td></td><td></td></tr><tr><td>31.2</td><td>34.6</td><td>Shale, dark gray</td><td></td><td></td><td></td></tr></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2.0	Lean Clay, brown				2.0	7.0	Lean to Fat Clay, gray brown				7.0	8.5	Sandstone, red brown				8.5	11.1	Shale, sandy, yellow brown				11.1	14.4	Shale, olive brown				14.4	14.8	Weathered Limestone Auger Refusal				14.8	15.0	Weathered Limestone, gray yellow				15.0	20.0	Limestone, with shale seams				20.0	31.2	Limestone, with shale seams				31.2	34.6	Shale, dark gray			
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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) 8-21-89 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) 1-31-90 under the business name of Terracon Consultants by (signature) [Signature]																																																																								
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 Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.																																																																								