

1 LOCATION OF WATER WELL: Fraction	Section Number	Township Number	Range Number
County: <u>Russell</u> NW ¼ NW ¼ NW ¼	<u>36</u>	T 11 S	R 11 <b>EW</b>

Distance and direction from nearest town or city street address of well if located within city?  
1.5 mi. E & 1/8 mi. S of Lucas

2 WATER WELL OWNER: Russell Frederking  
 RR#, St. Address, Box #: 592 E. Hawk Drive  
 City, State, ZIP Code: Sylvan Grove, KS 67481  
 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: 127 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 80 ft. 2. . . . . ft. 3. . . . . ft.  
 WELL'S STATIC WATER LEVEL . . . . . ft. below land surface measured on mo/day/yr . . . . .  
 Pump test data: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Est. Yield 10 gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Bore Hole Diameter. . . 9 in. to 130 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 Domestic (lawn & garden) 10 Monitoring well Livestock  
 Was a chemical/bacteriological sample submitted to Department? Yes. . . . . No. X ; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. X Clamped. . . . .  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded . . . . .  
2 PVC 4 ABS 7 Fiberglass . . . . . Threaded. . . . .  
 Blank casing diameter 5 in. to 109 ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.  
 Casing height above land surface. 18 in., weight 160 lbs./ft. Wall thickness or gauge No. . . . .  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 2 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) . . . . . ft.  
 SCREEN-PERFORATED INTERVALS: From 109 ft. to 127 ft., From . . . . . ft. to . . . . . ft.  
 From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.  
 GRAVEL PACK INTERVALS: From 24 ft. to 109 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 4 ft. to 24 ft., From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . 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)  
 13 Insecticide storage . . . . .  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil			
2	30	Shale with sandstone			
30	75	Shale - Gray			
75	110	Shale - Red and White			
110	115	Shale - Red, trace sand			
115	120	Shale - White, med.			
120	130	Shale - Red			

CORRECTED

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) 3/1/2007 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 527 This Water Well Record was completed on (mo/day/yr) 3/19/2007 under the business name of GeoCore Inc. by (signature) Dan Bell