

1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 11 Township Number T 24 S Range Number R 35 EW

Distance and direction from nearest town or city street address of well if located within city?  
 100 ft south of Deerfield High School garage (south of entrance drive)

2 WATER WELL OWNER: Kansas Geological Survey Deerfield Observation Well (Dow 2)  
 RR#, St. Address, Box #: 1930 Constant Avenue Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Lawrence, KS 66047 Application Number: ~2953

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: DEPTH OF COMPLETED WELL 247 ft. ELEVATION: ~2953

Depth(s) Groundwater Encountered 16.1 ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 16.1 ft. below land surface measured on mo/day/yr 6/11/97  
 Pump test data: Well water was ... ft. after ... hours pumping ... gpm  
 Est. Yield 33 gpm: Well water was ... ft. after ... hours pumping ... gpm  
 Bore Hole Diameter 6 in. to 248 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: 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 2.5 in. to 235 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.  
 Casing height above land surface 24 in., 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 237 ft. to 247 ft. From ... ft. to ... ft.  
 GRAVEL PACK INTERVALS: From 232 ft. to 247 ft. From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout intervals: From 0 ft. to 235 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 Irrigation Ditch  
 Direction from well? North How many feet? 500

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	Brown silty clay	65	73	Lt brown sandy clay
12	15	Lt brown silty clay	73	83	Sand w/Lt brown sandy clay
15	18	Dark brown clay	83	120	Lt brown sandy clay sand & gravel
18	20	Organic matter, wood chips, etc. mixed with blue clay	120	132	Blue clay & sand stks
			132	141	Coarse sand w/clay stks
20	22	Blue clay and brown clay	141	165	Lt brown sandy clay & sand
22	45	Coarse sand & gravel w/lt brown sandy clay streaks	165	174	Blue & brown clay & sand stks
			174	181	Coarse sand
		caliche at 45'	181	183	Brown sandy clay
45	50	Lt brown sandy clay w/sand streaks	183	222	Sand & gravel w/Lt brown clay stks
50	58	Lt brown sandy clay, streak of blue clay	222	233	Lt brown clay & sand
			233	248	Coarse sand & gravel, caliche at 245
58	65	Sand & gravel, sandy clay streaks			

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) 6/17/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. (KGS) This Water Well Record was completed on (mo/day/yr) 6/20/99 under the business name of See KGS OFR 2000-42 by (signature) Donald W. [Signature]