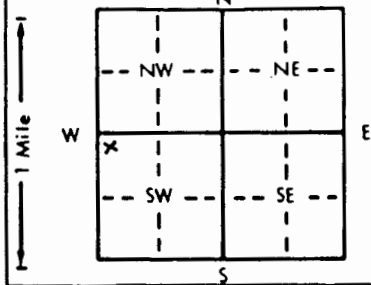


1 LOCATION OF WATER WELL: County: **KEARNY** Fraction: **NW 1/4 NW 1/4 SW 1/4** Section Number: **11** Township Number: **T 24 S** Range Number: **R 35 EW**

Distance and direction from nearest town or city street address of well if located within city?
15' East of DOW 2

2 WATER WELL OWNER: **Kansas Geological Survey Deerfield Observation Well (DOW)3**
 RR#, St. Address, Box #: **1930 Constant Avenue** Board of Agriculture, Division of Water Resource
 City, State, ZIP Code: **Lawrence, KS 66047** Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:


4 DEPTH OF COMPLETED WELL: **142** ft. ELEVATION: **~ 2953**
 Depth(s) Groundwater Encountered: 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **10.3** 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 **142** 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 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 _____
 7 Fiberglass Threaded _____
 Blank casing diameter: **2.5** in. to **132** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **21** in., weight _____ lbs./ft. Wall thickness or gauge No. **Sch 40**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **132** ft. to **142** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **121** ft. to **142** ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **121** 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) **Irrigation Ditch**
 13 Insecticide storage
 Direction from well? **North** How many feet? **500**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	Brown silty clay	118	132	Blue clay & sand streaks
12	15	Lt brown silty clay	132	142	Coarse sand few clay streaks
15	18	Dark brown clay			
18	20	Organic matter, wood chips, etc. mixed with blue clay			
20	21	Blue and brown clay			
21	45	Coarse sand & gravel w/lt brown sandy clay streaks			
45	58	Lt brown sandy clay w/sand streaks			
58	65	Sand & gravel, sandy clay streaks			
65	72	Lt brown to brown sandy clay			
72	118	Lt brown sandy clay, sand & gravel			

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) **6/8/97** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **(K.G.S.)** This Water Well Record was completed on (mo/day/yr) **6/30/00** under the business name of **See KGS OFR 2000-42** by (signature) **Donald W. Beltrone**