

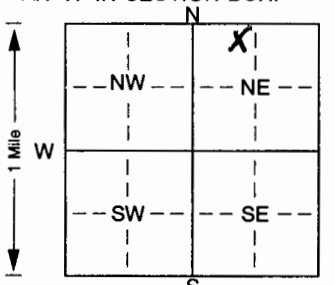
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1 LOCATION OF WATER WELL: County: <b>Clay</b>	Fraction: <b>NE 1/4 NW 1/4 NE 1/4</b>	Section Number: <b>29</b>	Township Number: <b>T 9 S</b>	Range Number: <b>R 1 EW</b>
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Distance and direction from nearest town or city street address of well if located within city?  
**Clay Co. Rd. 404 & R.R. intersection, Oak Hill, KS**

2 WATER WELL OWNER: **BNSF**  
 RR#, St. Address, Box #: **4515 Kansas Ave.**  
 City, State, ZIP Code: **Kansas City, KS 66106**  
 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: <b>21</b> ft. ELEVATION:
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Depth(s) Groundwater Encountered: **1.15** ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL: **16.61** ft. below land surface measured on mo/day/yr **9-13-02**  
 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: \_\_\_\_\_ 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 Domestic (lawn & garden) **10 Monitoring well MW-3**  
 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 **Flush**  
 Blank casing diameter: **2**" in. to **11**" ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: **36** in., weight **23** 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) \_\_\_\_\_ ft.  
 SCREEN-PERFORATED INTERVALS: From **11** ft. to **21** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From **9** ft. to **21** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 **Bentonite** 4 Other \_\_\_\_\_  
 Grout Intervals: From **1.5** ft. to **9** 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'	Dark reddish brown silty clay			
2'	6'	Light yellow brown silty clay			
6'	12'	Light reddish brown clay, med. plasticity low moisture			
12'	21'	Light reddish brown clay, med. plasticity moist to wet			

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) **9-13-02** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. **531** This Water Well Record was completed on (mo/day/yr) **10-2-02** under the business name of **Geotechnical Services Inc.** by (signature) **Greg Armstrong**