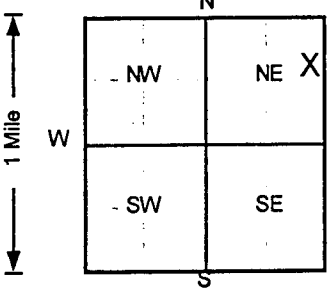


1 LOCATION OF WATER WELL: County: <b>Phillips</b>	Fraction <b>SE ¼ NE ¼ NE ¼</b>	Section Number <b>22</b>	Township Number <b>T 3 S</b>	Range Number <b>R 18</b> <b>EW</b>
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Distance and direction from nearest town or city street address of well if located within city?

**West side of the Refinery, Phillipsburg, KS**

2 WATER WELL OWNER: **Farmland Industries, Inc.**  
 RR#, St Address, Box# : **P.O. Box 7305, Dept. 141**  
 City, State, ZIP Code : **Kansas City, Missouri 64116-0005**  
 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 ..... **19.1** ..... ft ELEVATION: ..... **999** .....  
 Depth(s) Groundwater Encountered 1. .... **6.9** ..... ft 2. .... ft 3. .... ft  
 WELL'S STATIC WATER LEVEL ... **999** ... ft below land surface measured on mo/day/yr  
 Pump test data: Well water was ... **NA** ... ft after ..... hours pumping ..... gpm  
 Est. Yield ... **NA** ... gpm: Well water was ..... ft after ..... hours pumping ..... gpm  
 Bore Hole Diameter ... **8** ... in. to ... **25** ... 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** ..... in. to ..... **4.1** ..... ft, Dia ..... in. to ..... ft, Dia ..... in. to ..... ft  
 Casing height above land surface ..... **24** ..... in., weight ..... Sch **40** ..... lbs./ft. Wall thickness or gauge No. ....  
 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:  
 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 ..... **4.1** ..... ft to ..... **19.1** ..... ft, From ..... ft to ..... ft  
 From ..... ft to ..... ft, From ..... ft to ..... ft  
 GRAVEL PACK INTERVALS: From ..... **3** ..... ft to ..... **19.5** ..... 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 ..... **0** ..... ft to ..... **1** ..... ft, From ..... **1** ..... ft to ..... **3** ..... 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)  
 ..... **Refinery** .....  
 Direction from well? How many feet? **0**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Silt, Black to Yellow Brown			
2	6.9	Silt, Very Dark Grayish Brown			
6.9	17.5	Silt, Very Dark Gray			
17.5	20	Silt, Dark Gray			
20	25	Sand/Clay, Brown			
					OBS-207, Tag # , Aboveground
					Project Name: Phillipsburg Refinery
					GeoCore # 138, #

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) ..... **5/20/97** ..... and this record is true to the best of my knowledge and belief.  
 Kansas Water Well Contractor's License No. .... **527** ..... This Water Well Record was completed on (mo/day/yr) ..... **7/7/97** .....  
 under the business name of **GeoCore Services, Inc.** by (signature) *Dale Q Robl*