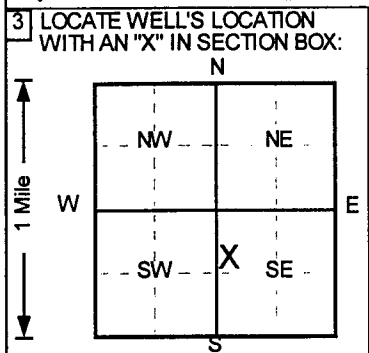


1 LOCATION OF WATER WELL: County: **Phillips** Fraction: **SW ¼ NW ¼ SE ¼** Section Number: **22** Township Number: **T 3 S** Range Number: **R 18 E/W**

Distance and direction from nearest town or city street address of well if located within city?
Phillipsburg Refinery, Phillipsburg, Kansas

2 WATER WELL OWNER: **Farmland Industries, Inc.**
 RR#, St. Address, Box # : **P.O. Box 7305, Dept. 141** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Kansas City, Missouri 64116-0005** Application Number:



4 DEPTH OF COMPLETED WELL: **37** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ 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 **NA** ft after _____ hours pumping _____ gpm
 Est. Yield **NA** gpm: Well water was _____ ft after _____ hours pumping _____ gpm
 Bore Hole Diameter **8** in. to **37** 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ 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** in. to **16.5** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **36** 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: 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 **16.5** ft to **36.5** ft, From _____ ft to _____ ft
 From _____ ft to _____ ft, From _____ ft to _____ ft
 GRAVEL PACK INTERVALS: From **15.2** ft to **37** 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 **15.2** 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?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|------|-------------------------------|------|----|-------------------------------------|
| 0 | 1.2 | Silt, Very Dark Grayish Brown | | | |
| 1.2 | 5 | Silt, Olive | | | |
| 5 | 10 | Silt, Brown | | | |
| 10 | 15.5 | Silt, Light Yellowish Brown | | | |
| 15.5 | 20 | Silt, Yellow | | | |
| 20 | 25.3 | Silt, Brownish Yellow | | | |
| 25.3 | 27.5 | Clay, Yellowish Brown | | | |
| 27.5 | 30 | Silt, Yellowish Brown | | | |
| 30 | 32 | Sand, Olive | | | |
| 32 | 37 | Clay, Brown | | | |
| | | | | | OBS-212, 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) **11/18/97** 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) **12/16/97**
 under the business name of **GeoCore Services, Inc.** by (signature) *Dale Bell*

OFFICE USE ONLY

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