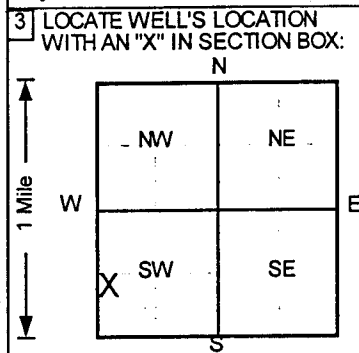


1 LOCATION OF WATER WELL: County: Phillips Fraction NW 1/4 SW 1/4 SW 1/4 Section Number 22 Township Number T 3 S Range Number R 18 EW

Distance and direction from nearest town or city street address of well if located within city? 1/2 mile East of 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:



4 DEPTH OF COMPLETED WELL: 29.7 ft ELEVATION: 999 ft. Depth(s) Groundwater Encountered: 1. 17.5 ft. 2. 2. ft. 3. 2. 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 NA hours pumping NA gpm. Est. Yield NA gpm. Well water was NA ft. after NA hours pumping NA gpm. Bore Hole Diameter: 8 in. to 29.7 ft. and 29.7 ft. to NA in. 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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped Welded Threaded. Blank casing diameter: 2 in. to 14.3 ft. Dia. 14.3 in. to 29.7 ft. Dia. Casing height above land surface: 24 in., weight Sch 40 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 11 None (open hole) 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 14.3 ft to 29.3 ft, From 29.3 ft to 29.7 ft, From 29.7 ft to 29.7 ft GRAVEL PACK INTERVALS: From 12.9 ft to 29.7 ft, From 29.7 ft to 29.7 ft

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft to 2 ft, From 2 ft to 12.9 ft, From 12.9 ft to 29.7 ft. What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) Refinery. Direction from well? 0 How many feet? 0

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows: 0-14.5 Silt, Pale Brown; 14.5-21 Silt, Olive Gray; 21-24.5 Clay, Pale Olive; 24.5-29.7 Silt, Brown. Includes OBS-201, 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) 5/6/97 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 A. Robl

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.