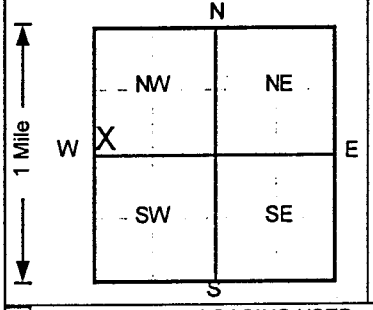
WATER WELL RECORD Form WWC-5 KSA 82a-1212

| 1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number |
|---|---|---|---|---|
| County: Phillips | SW ¼ SW ¼ NW ¼ | 23 | T 3 S | R 18 (E) W |

Distance and direction from nearest town or city street address of well if located within city?
West of Refinery across Hwy 183, 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 36 ft. ELEVATION: 999
Depth(s) Groundwater Encountered 1. 29.7 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 2 in. to 36 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 20.6 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
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 20.6 ft to 35.6 ft, From ft to ft
From ft to ft, From ft to ft
GRAVEL PACK INTERVALS: From 19 ft to 36 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 2 ft, From 2 ft to 19 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 Refinery
Direction from well? How many feet? 0

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|---|---|---|---|---|---|
| 0 | 4.2 | Clay, Very Dark Grayish Brown | | | |
| 4.2 | 15.5 | Silt, Olive | | | |
| 15.5 | 17.5 | Silt, Dark Brown | | | |
| 17.5 | 20.9 | Silt, Olive Gray | | | |
| 20.9 | 29.7 | Clay, Yellow Brown | | | |
| 29.7 | 31.4 | Sand, Yellow Brown | | | |
| 31.4 | 32.5 | Silt, Pale Olive | | | |
| 32.5 | 36 | Sand, Olive | | | |
| | | | | | OBS-209 , 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) 5/15/97 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.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼