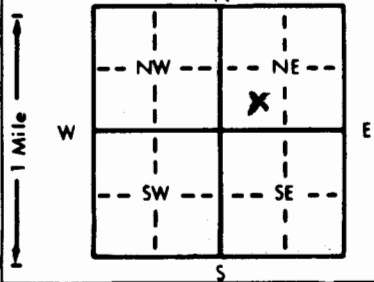


1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 NE 1/4 Section Number 2 Township Number T 1 S Range Number R 19 **2W**

Distance and direction from nearest town or city street address of well if located within city?  
 1/2 mile north of Woodruff, Kansas

2 WATER WELL OWNER: John H. Knappe  
 RR#, St. Address, Box #: 186 West 300 Road  
 City, State, ZIP Code: Phillipsburg, KS 67661  
 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: 69 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.  
 WELL'S STATIC WATER LEVEL: 24 . . . . . ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was 53 . . . . . ft. after 2 . . . . . hours pumping 350 . . . . . gpm  
 Est. Yield . . . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Bore Hole Diameter: 12 1/2 . . . . . in. to 7.0 . . . . . ft., and . . . . . in. to . . . . . ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 12 Other (Specify below)  
 Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No **X** . . . . . 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 **X** . . . . . Clamped . . . . .  
**2 PVC** 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded . . . . .  
 7 Fiberglass . . . . . Threaded . . . . .

Blank casing diameter: 8 . . . . . in. to 29 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.  
 Casing height above land surface: 22 . . . . . in., weight . . . . . 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) . . . . .  
 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 29 . . . . . ft. to 69 . . . . . ft., From . . . . . ft. to . . . . . ft.  
 From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.  
 GRAVEL PACK INTERVALS: From 21 . . . . . ft. to 69 . . . . . 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 21 . . . . . 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 . . . . . None . . . . .

Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG                                      | FROM | TO | PLUGGING INTERVALS |
|------|----|---|------|----|--------------------|
| 0    | 20 | Top soil & clay                                     |      |    |                    |
| 20   | 23 | Clay  |      |    |                    |
| 23   | 32 | Coarse sand (red)                                   |      |    |                    |
| 32   | 40 | Clay  |      |    |                    |
| 40   | 45 | Coarse red sand w/thin clay strips                  |      |    |                    |
| 45   | 60 | Coarse sand to small gravel w/thin blue med. strips |      |    |                    |
| 60   | 63 | Coarse sand to small gravel                         |      |    |                    |
| 63   | 69 | Black shale   |      |    |                    |

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) . . . . . May 3, 2004 . . . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433 . . . . . This Water Well Record was completed on (mo/day/yr) . . . . . December 23, 2004 . . . . . under the business name of Chas. Sargent Irrigation Co., Inc. by (signature) *[Signature]*

OFFICE USE ONLY  
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SEC.  
1/4  
1/4  
1/4