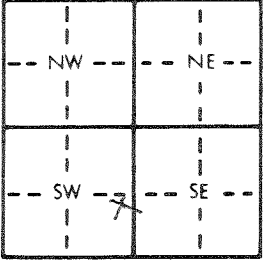


LOCATION OF WATER WELL: Fraction NE 1/4 SW SE 1/4 SW 1/4 Section Number 32 Township Number T 16 S Range Number R 28 SEW  
 County: Iowa  
 Distance and direction from nearest town or city street address of well if located within city?  
Shields, Kansas no street address

WATER WELL OWNER: ETHEL GRAEFF Board of Agriculture, Division of Water Resources  
 #, St. Address, Box #: \_\_\_\_\_ Application Number: \_\_\_\_\_  
 y, State, ZIP Code: SHIELDS, KANSAS 67874

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 DEPTH OF COMPLETED WELL: 123 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1. 91 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 91 ft. below land surface measured on mo/day/yr 9/24/86  
 NA Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 9 in. to 123 ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 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 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No  \_\_\_\_\_; If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes  No \_\_\_\_\_

TYPE OF BLANK CASING USED:  
 1 Steel  3 RMP (SR)  6 Asbestos-Cement  9 Other (specify below) CASING JOINTS:  Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 2 PVC  4 ABS  7 Fiberglass \_\_\_\_\_ Threaded \_\_\_\_\_  
 Blank casing diameter: 5 in. to 103 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 12 in., weight 2.9 lbs./ft. Wall thickness or gauge No. 2.65

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  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 103 ft. to 123 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 80 ft. to 123 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

GROUT MATERIAL:  1 Neat cement  2 Cement grout  3 Bentonite  4 Other Drill cuttings  
 Grout Intervals: From 80 ft. to 123 ft., From 4 ft. to 15 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank  4 Lateral lines  7 Pit privy  11 Fuel storage  14 Abandoned water well  
 2 Sewer lines  5 Cess pool  8 Sewage lagoon  12 Fertilizer storage  15 Oil well/Gas well  
 3 Watertight sewer lines  6 Seepage pit  9 Feedyard  13 Insecticide storage  16 Other (specify below)

Direction from well? Northeast How many feet? 75

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	24	Clay	24	31	Caliche
31	33	Clay	33	42	Sand rock
42	54	Fine sand clay streaks	54	80	Sand
80	86	Clay	86	89	Fine sand clay streaks
89	97	Sand cemented	97	120	Sand
120	122	Yellow clay	122	123	Shale

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) 9/24/86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 252. This Water Well Record was completed on (mo/day/yr) 9/26/86  
 for the business name of Weishaar Drilling & Supply Inc. by (signature) [Signature]

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 copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.