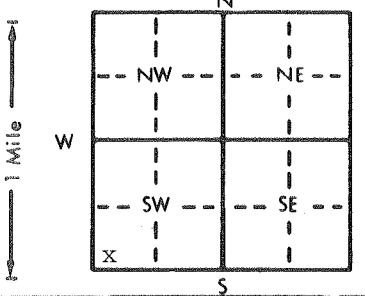


1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number  
 County: Kearney SW 1/4 SW 1/4 SW 1/4 22 T 24 S R 35  (W)

Distance and direction from nearest town or city street address of well if located within city?  
 Located approx. 5 mi east and 1 mile north of Lakin, KS

2 WATER WELL OWNER: William (Bill) Esfeld  
 RR#, St. Address, Box #: 1411 Madison  
 City, State, ZIP Code: Great Bend, KS 67530  
 VESTED RIGHT #  
 Board of Agriculture, Division of Water Resources  
 Application Number: KE027

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 318 ft. ELEVATION: unknown  
 Depth(s) Groundwater Encountered 1. approx. 25 ft. 2. ft. 3. not measured ft.  
 WELL'S STATIC WATER LEVEL 25'-30' ft. below land surface measured on mo/day/yr Est. 4/16/87  
 Pump test data: Well water was not ck'd. ft. after hours pumping gpm  
 Est. Yield 1500 gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter: 27 in. to 320 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 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes.....No.....X.....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes NoX

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued.....Clamped.....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded.....X.....  
 7 Fiberglass Threaded.....  
 Blank casing diameter 16 in. to 156 ft., Dia in. to ft., Dia in. to ft.  
 Casing height above land surface 24 in., weight 36.87 lbs./ft. Wall thickness or gauge No. 219.  
 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) Agri-Screen  
 SCREEN-PERFORATED INTERVALS: From 156 ft. to 316 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 316 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 20 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) FIELD  
 13 Insecticide storage (no known source)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	Topsoil	209	222	Sand & gravel, med-coarse, clean loose
4	50	Sand & gravel, fine - coarse			
50	75	Clay - tan w/white streaks fine (fine sand @ 66')	222	227	Clay, brown, hard
75	77	Sand & gravel, fine	227	229	Sand, sandy clay
77	121	Clay, brown, soft (streak sand @ 116'-117')	229	239	clay, gray, tan-hard-soft
121	125	Sand & gravel, fine - medium	239	249	Sand & gravel, loose & clean to 2' then some clay mix
125	139	Clay, brown, soft	249	260	Clay, yellow, brown, soft-hard
139	159	Sand & gravel (Few clay streaks 153'-159')	260	269	Sand & gravel, med-coarse
159	161	Clay, brown, hard	269	273	Clay, brown
161	177	Sand & gravel, med. - coarse (loose and clean)	273	290	Sand & gravel, med-coarse, loose
177	209	Clay, brown	290	301	Clay, & caliche, brown clay-hard
			301	304	Sand & sandy clay
			304	309	Sand & gravel-loose, clay mix
			309	320	Clay, brown soft

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) 4/16/87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/yr) 5/14/87 under the business name of Clarke Well & Equipment, Inc. by (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 three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.