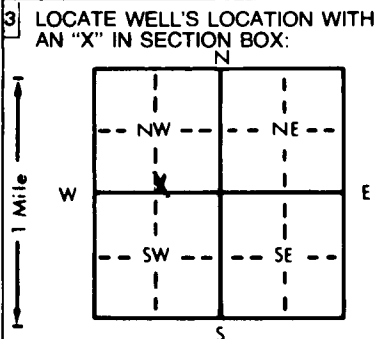


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 1 Township Number T 13 S Range Number R 12 E/W
 County: Russell

Distance and direction from nearest town or city street address of well if located within city?
 7 north, 3 1/2 west of Lucas, Ks.

2 WATER WELL OWNER: David Essmiller
 RR#, St. Address, Box #: Rt. 1-Box 82
 City, State, ZIP Code: Great Bend, ks. 67530
 Board of Agriculture, Division of Water Resources
 Application Number: RSWW0593



4 DEPTH OF COMPLETED WELL... 220 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL... 1.10 ft. below land surface measured on mo/day/yr 5-7=97
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield .02 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 9 7/8 in. to 220 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 stock
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes hth 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 5 in. to 155 ft., Dia 5 in. to 190 ft., Dia in. to ft.
 Casing height above land surface 2' in., weight SDR 17 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 155 ft. to 165 ft., From 190 ft. to 220 ft.
 GRAVEL PACK INTERVALS: From 220 ft. to 20 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug
 Grout intervals: From 20 ft. to 0 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	3	Top soil			
3	7	Brown clay			
7	11	White & brown clay w/rock			
11	21	Fire clay			
21	25	Yellow brown rock			
25	58	Blue gray shale			
58	68	Hard white rock			
68	148	Red & gray fire clay			
148	153	Sandy light gray shale			
153	165	Sandy shale sand rock			
165	170	Dark blue shale			
170	180	Red & gray fire clay			
180	200	Blue gray & white sand, shale hard			
200	215	Sand rock & sticky shale			
215	220	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) 5-8-97 and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 134 This Water Well Record was completed on (mo/day/yr) 5-20-97
 under the business name of Rosencrantz-Bemis by (signature) *Medina Rodson*

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 EW SEC. 1/4 1/4 1/4