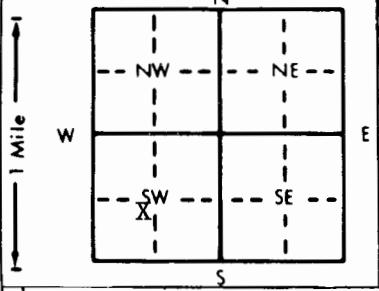


1 LOCATION OF WATER WELL: County: RILEY	Fraction NE 1/4 SW 1/4 SW 1/4	Section Number 22	Township Number T 10 S	Range Number R 9 EW
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Distance and direction from nearest town or city street address of well if located within city? 1.5 MILES EAST OF ZEANDALE, KS. & 1/4 NORTH.

2 WATER WELL OWNER: HAROLD D. MERTZ
 RR#, St. Address, Box # : 32999 K-18
 City, State, ZIP Code : MANHATTAN KS 66502
 Board of Agriculture, Division of Water Resources
 Application Number: 4683 & RL016

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 69 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 19 ft. 2. . ft. 3. . ft.
 WELL'S STATIC WATER LEVEL 19 ft. below land surface measured on mo/day/yr 4-17-05
 Pump test data: Well water was 21 ft. after 1 hours pumping 600 gpm
 Est. Yield 1200 gpm: Well water was 23 ft. after 1 hours pumping 1000 gpm
 Bore Hole Diameter 32 in. to 69 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 X If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped X
 2 PVC 4 ABS 7 Fiberglass Welded
 Blank casing diameter 16 in. to 29 ft., Dia in. to . ft., Dia in. to . ft.
 Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No. 50

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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 20 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 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)
 13 Insecticide storage
 Direction from well? N N E How many feet? 500'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	TOP SOIL			
1	3	SANDY SILT			
3	11	BROWN SILT			
11	15	FINE BROWN SAND			
15	16	FINE GRAY SAND			
16	23	FINE GRAY SAND & GRAY CLAY			
23	32	MEDIUM BROWN GRAVEL			
32	36	MEDIUM-LARGE BROWN GRAVEL & GRAY CLAY			
36	38	SMALL BROWN GRAVEL			
38	40	MEDIUM BROWN GRAVEL			
40	69	MEDIUM-LARGE GREEN GRAVEL			
	69	LIMESTONE, STOPPED			

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) 4-27-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 323 This Water Well Record was completed on (mo/day/yr) 6-4-05 under the business name of HOUBLER DRILLING CO. by (signature) Dan Mertz