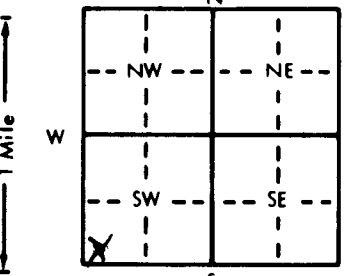


1 LOCATION OF WATER WELL: County: Wabunsee Fraction SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number 29 Township Number T 10 S Range Number R 10 **EW**
 Distance and direction from nearest town or city street address of well if located within city? 1 mile E. on Hwy. K18 & $\frac{1}{4}$ S. of Wabunsee Ks.

2 WATER WELL OWNER: Harold J. & Robert D. Mertz
 RR#, St. Address, Box #: 7160 Zandale Rd. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Manhattan Ks. 66502 Application Number: 23,137 redrill

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

 4 DEPTH OF COMPLETED WELL: 69 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1 48 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 48 ft. below land surface measured on mo/day/yr 5-19-89
 Pump test data: Well water was 57 ft. after 1 hours pumping 400 gpm
 Est. Yield #500 gpm: Well water was 61 ft. after 1 hours pumping 450 gpm
 Bore Hole Diameter: 32 in. to 69 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 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No XX; 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
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 16 in. to 49 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: 12 in., weight lbs./ft. Wall thickness or gauge No. 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 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 Filled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 49 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? E. How many feet? 20

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Black Soil	57	59	Medium-large gravel
1	6	Heavy brown clay	59	62	Small-medium brown gravel
6	32	Red sandy clay	62	69	Medium-large brown gravel
32	35	Medium-large brown gravel		69	Gray shale Stopped
35	37	Small-medium brown gravel			
37	41	Medium-large brown gravel			
41	44	Small-medium brown gravel			
44	52	Medium-large brown gravel			
52	54	Small-medium brown gravel			
54	55	Small-medium brown sand			
55	57	Small-medium brown gravel			

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) 5-18-89 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) 6-12-89 under the business name of Hoobler Drilling Co. by (signature) [Signature]