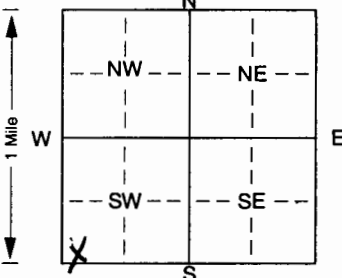


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 8 Township Number T 16 S Range Number R 8 E/W
 County: Morris

Distance and direction from nearest town or city street address of well if located within city? West 3 miles on SG + North 1 mile on Lake Rd.

2 WATER WELL OWNER: Robert Lies
 RR#, St. Address, Box #: 2363 Cardinal DA Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Whitcha, Ks. 67204 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 140 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 80 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 3/4 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 in. to 140 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 Domestic (lawn & garden) 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes. _____ No. _____; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 120 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 2 in., weight 5.4 lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 25/000 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 11000 7 Torch cut 10 Other (specify) _____ ft.
 SCREEN-PERFORATED INTERVALS: From 120 ft. to 140 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 140 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 25 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)
lateral field
 Direction from well? West How many feet? 200

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil			
1	6	Limestone			
6	11	Brown Shale			
11	25	Limestone			
25	35	Gray Shale			
35	45	Brown Shale			
45	47	Limestone			
47	54	Tan Shale			
54	85	Gray Shale			
85	92	Brown Shale			
92	109	Limestone (WATER)			
109	116	Gray Oily Shale			
116	140	Limestone			

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) 8/19/2000 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 451 This Water Well Record was completed on (mo/day/yr) 8/24/2000 under the business name of Haldeman Well Drilling by (signature) Craig H. Culp