WATER WELL RECORD Form WWC-5 KSA 82a-1212

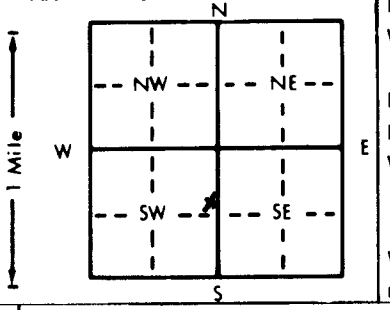
1 LOCATION OF WATER WELL: County: Morris | Fraction: SE ¼ NE ¼ SW ¼ | Section Number: 33 | Township Number: T 17 S | Range Number: R 9 (E) W

Distance and direction from nearest town or city street address of well if located within city? 2½ Mile West & 3mile South of Dunlap at Kahola Lake Lot 40

2 WATER WELL OWNER: Rick SOMMER
RR#, St. Address, Box # : 710 W 12th
City, State, ZIP Code : Emporia, Ks 66801

Board of Agriculture, Division of Water Resources
Application Number:

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



4 DEPTH OF COMPLETED WELL 60 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 19 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 13 ft. below land surface measured on mo/day/yr Jul 12 91
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 2 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 8 5/8 in. to 18 ft., and 6 1/2 in. to 60 ft.
WELL WATER TO BE USED AS: (1) Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? (Yes) No

5 TYPE OF BLANK CASING USED: (2) PVC 1 Steel 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued X Clamped Welded Threaded
Blank casing diameter 5 in. to 19 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 18 in., weight lbs./ft. Wall thickness or gauge No. SDR-26

TYPE OF SCREEN OR PERFORATION MATERIAL: (7) PVC 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut (8) Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 19 ft. to 60 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From NONE ft. to 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 3 ft. to 18 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit (7) Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? East How many feet? 60

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	.5	Top Soil	58	60	Shale Dk Gray
.5	6.2	Alluvium			
6.2	8	LIME Yel			
8	10.5	Shale Lite			
10.5	13	LIME TAN			
13	18	Shale TAN			
18	19	Frac. LIME			
19	27	Shale Blue			
27	33	LIME TAN			
33	41	Shale Gray			
41	48	LIME TAN			
48	52	Shale Green			
52	53	Coal			
53	56	Shale Gray			
56	58	LIME Gray			

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) ~~Jul 24 91~~ Jul 21 91 Jul 12 91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 218 This Water Well Record was completed on (mo/day/yr) Jul 21 91
under the business name of ZINN Water Well Drlg by (signature) Joseph A. Zinn

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 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼