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

1 LOCATION OF WATER WELL: County: WABAUNSEE | Fraction: SW ¼ SW ¼ NW ¼ | Section Number: 5 | Township Number: T 13 S | Range Number: R 12 E/W

Distance and direction from nearest town or city street address of well if located within city?

4 miles west, 1/2 south of Keene

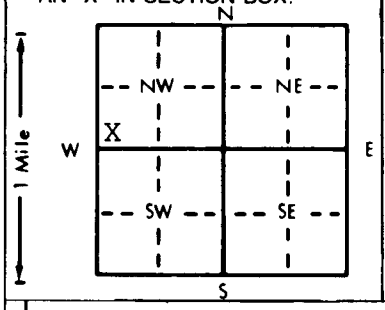
2 WATER WELL OWNER: Dave Zeller

RR#, St. Address, Box # : 1230 SW Clay

City, State, ZIP Code : Topeka, KS 66604

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 84' ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 54' ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 30' ft. below land surface measured on mo/day/yr 9/05/97

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 10 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 8 3/4 in. to ft., and in. to 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 X No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 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 0-24 ft., Dia 5" in. to 64-84 ft., Dia in. to ft.

Casing height above land surface 24" in., weight 2.82 lbs./ft. Wall thickness or gauge No. .258

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 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 24 ft. to 64 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 24 ft. to 64 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 4 ft. to 24 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) creek

Direction from well? East How many feet? 60'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Top Soil	51	55	LS-Y-Loose 10 GPM
2	10	Clay-Brown	55	63	Shale-Yellow
10	11	Limestone-Yellow	63	73	Limestone-Yellow
11	13	Shale-Yellow	73	81	Shale-Grey
13	20	Shale-Red	81	84	Shale-Red
20	22	Shale-Grey	Drilled test hole to 130', Backfilled hole		
22	24	Shale-Yellow	to 84', water leaked out		
24	27	Limestone-Yellow	84	90	Limestone-Yellow
27	30	Shale-Yellow	90	91	Shale-Black 117-122 LS-Yellow
30	32	Shaley LS-Grey	91	92	Limestone-Tan 122-129 LS-Gr-Sh
32	38	Limestone-Yellow	92	98	Shale-Yellow 129-130 Shale-Gr
38	41	Shale-Black	98	101	Limestone-Brown
41	44	Limestone-Yellow	101	110	Shale-Yellow
44	49	Shale-Yellow	110	114	Limestone-Yellow
49	51	Limestone-Yellow	114-117		Shale-Yellow

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) 9/05/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 9-29-97 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Askren

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 E/W SEC. ¼ ¼ ¼