

CORRECTION TO WATER WELL RECORD (WWC-5)

The following correction(s) was made to the attached WWC-5 log, in order to file the item or to rectify lacking or incorrect information.

Fraction (1/4 1/4 1/4) Section-Township-Range changed:

listed as NE NW SW, 8-85-7E

changed to NE NW SW, 18-85-7E

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

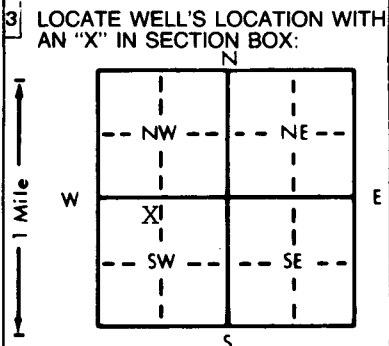
verification method: Written & legal descriptions, position on plat map,
and Randolph, Riley, & Olsburg SW 1:24,000 topo. initials: DRG date: 10/17/2002
map.

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment Bureau of Water Industrial Programs, Bldg 283, Forbes Field, KS 66620

1 LOCATION OF WATER WELL: County: <u>RILEY</u>	Fraction <u>NE 1/4 NW 1/4 SW 1/4</u>	Section Number <u>8</u>	Township Number <u>T 8 S</u>	Range Number <u>R 7E/W</u>
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Distance and direction from nearest town or city street address of well if located within city?
5 south, 3 1/4 east of Randolph

2 WATER WELL OWNER: Art Heck
 RR#, St. Address, Box # : 10219 Patti Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Manhattan, KS 66502 Application Number:



4 DEPTH OF COMPLETED WELL... 300 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 183' ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 175' ft. below land surface measured on mo/day/yr 2-5-92

Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 15 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 8.31/4 to 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 sub-
 mitted Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X 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 0-180 ft., Dia 5" in. to 240-300 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: 7 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 6 Wire wrapped 9 Drilled holes

2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 180 ft. to 240 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 24 ft. to 300 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 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? west How many feet? 118'

FROM		TO		LITHOLOGIC LOG		FROM		TO		PLUGGING INTERVALS	
0	4	Clay-Brown	142-153	Shale-Gr		228	233	Shale-Red	289-295	LS-Gr	
4	21	LS-Tan	153-155	LS-Gr		233	237	Shaley LS-Gr	295-300	Sh-Grey	
21	29	Shaley LS-Gr	155-162	LS-Tan		237	244	Gyp			
29	56	LS-Yellow	162-168	Shale-Gr		244	252	Shaley LS-Gr			
56	58	LS-Grey	168-176	Shale-Red		252	253	Shale-Red			
58	65	Shale-Gr	176-184	LS-Tan-loose		253	254	LS-Grey			
65	77	Sh-Red	184-194	Shaley LS-Gr		254	255	Shale-Gr			
77	81	LS-Tan	194-196	Shale-Red		255	257	LS-Gr			
81	94	Shale-Gr	196-204	Shaley Limestone-Gr		257	261	Sh-Grey			
94	110	LS-Grey	104-208	LS-Grey		261	263	Shaley LS-Gr			
110	115	Shale-Red	208-212	Shaley LS-Gr		263	275	Shale-Gr			
115	121	Sh-Grey	212-214	LS-Grey		275	277	LS-Gr			
121	135	LS-Tan-Loose	214-219	Shale-Gr		277	280	Shale-Gr			
135	138	Shale-Grey	219-222	Limestone-Gr		280	287	LS-Gr-Gyp			
138	142	Shaley LS-Gr	222-228	Shaley LS-Gr		287	289	Shale-Gr			

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) 2-05-92 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) 3-12-92 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Strader