WATER WELL RECORD — Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Riley | Fraction: SE ¼ NE ¼ SW ¼ | Section Number: 7 | Township Number: T 10 S | Range Number: R 8 E/W

Distance and direction from nearest town or city street address of well if located within city? in Manhattan - @ KSU
South across street From Umberger Hall

2 WATER WELL OWNER: Johnson Controls
RR#, St. Address, Box # : 1514 SW 41st
City, State, ZIP Code : Topeka, Ks

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: N 39° 11' 37.1"
Longitude: W 96° 34' 55.3"
Elevation:
Datum:
Data Collection Method:

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

N / W / E / S — NW, NE, SW (X), SE

4 DEPTH OF COMPLETED WELL ..... 100 ..... ft.

Depth(s) Groundwater Encountered (1) 10 ft. (2) ..... ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL ..... 6 ..... ft. below land surface measured on mo/day/yr 2-12-09
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm
Est. Yield 2 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) Test hole

Was a chemical/bacteriological sample submitted to Department? Yes ..... No X; If yes, mo/day/yrs Sample was submitted .....
Water well disinfected? Yes X No .....

5 TYPE OF 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 ..... Clamped ..... Welded ..... Threaded .....

Blank casing diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface ..... in., Weight ..... lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steal 5 Fiberglass 6 Concrete tile 7 PVC 8 RM (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 ..... ft. to ..... ft., From ..... ft. to ..... ft.
From X ft. to X ft., From X ft. to X ft.
GRAVEL PACK INTERVALS: From X ft. to X ft., From X ft. to X 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 100 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) street
Direction from well? North How many feet? 50

FROM	TO	LITHOLOGIC LOG
0	1	Topsoil
1	8	brown clay
8	16	brown sandy clay
16	18	Tan limestone
18	29	Grey shale
29	31	black shale
31	33	Grey limestone
33	35	Grey shale
35	37	tan limestone
37	41	Grey shale
41	46	Grey limestone
46	56	Grey shale
56	57	Grey limestone
57	72	Grey shale
72	79	Grey limestone
79	93	Grey shale
93	100	Grey shale

PLUGGING INTERVALS: JCI 4-2 TH- 6-09

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) 2-12-09 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/year) 2-12-09 under the business name of Strader Drilling Co Inc by (signature) [signature]

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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

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