WATER WELL RECORD **Form WWC-5** Division of Water Resources App. No. ____

1 LOCATION OF WATER WELL: County: Brown | Fraction: NE ¼ SE ¼ SW ¼ SE ¼ | Section Number: 35 | Township No.: T 1 S | Range Number: R 17 ☑E ☐W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☑.
About 1/4 mile West & 1/8 North of 280th and NightHawk Rd.

Global Positioning System (GPS) information:
Latitude: 39.9154330 (in decimal degrees)
Longitude: -95.4761160 (in decimal degrees)
Elevation: ……
Datum: ☐ WGS 84, ☑ NAD 83, ☐ NAD 27
Collection Method:
☑ GPS unit (Make/Model: Garmin 12xl)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☑ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: Howard Farms Inc.
RR#, Street Address, Box #: 1606 280th St.
City, State, ZIP Code : Hiawatha, KS 66434

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N
W | NW | NE | E
SW | SE (X)
S
|---------1 mile---------|

4 DEPTH OF COMPLETED WELL 95 ft.
Depth(s) Groundwater Encountered (1) 46 ft. (2) 70 ft. (3) …… ft.
WELL'S STATIC WATER LEVEL 45 ft. below land surface measured on mo/day/yr. 09/30/2009
Pump test data: Well water was …… ft. after …… hours pumping …… gpm
EST. YIELD …… gpm. Well water was …… ft. after …… hours pumping …… gpm
Bore Hole Diameter 14 in. to 95 ft., and …… in. to …… ft.
WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well
☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below)
☑ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ 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 CASING USED: ☐ Steel ☑ PVC ☐ Other ……
CASING JOINTS: ☑ Glued ☐ Clamped ☐ Welded ☐ Threaded
Casing diameter 8 in. to 95 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.
Casing height above land surface 24 in., Weight 5.39 lbs./ft., Wall thickness or gauge No. 0.322
TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☑ PVC ☐ Other (Specify) ……
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous slot ☑ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)
☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) ……
SCREEN-PERFORATED INTERVALS: From 65 ft. to 95 ft., From …… ft. to …… ft.
From …… ft. to …… ft., From …… ft. to …… ft.
GRAVEL PACK INTERVALS: From 25 ft. to 95 ft., From …… ft. to …… ft.
From …… ft. to …… ft., From …… ft. to …… ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other ……
Grout Intervals: From 5 ft. to 25 ft., From …… ft. to …… ft., From …… ft. to …… ft.
What is the nearest source of possible contamination:
☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☑ Other (specify below)
☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
None - Open Field
Direction from well …… Distance from well ……

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	no sample	70	75	sand F-M
4	11	clay silty brown	75	89	sand to gravel w/intermittent clay
11	18	clay sandy brown	89	101	clay gray
18	32	clay sandy light brown	101	112	shale olive
32	38	sand M-C	112	121	shale gray
38	46	clay light brown	121		limestone
46	50	sand F-M brown			
50	59	clay silty gray			
59	62	sand F-M brown			
62	70	clay sandy brown			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☑ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 11/06/2009 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 779 This Water Well Record was completed on (mo/day/year) 11/21/2009 under the business name of Drill-Well, LLC by (signature) [signature]

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of $5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

KSA 82a-1212 Check: ☑ White Copy, ☐ Blue Copy, ☐ Pink Copy