WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

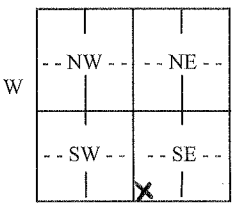
1 LOCATION OF WATER WELL: County: Cloud | Fraction: SE ¼ SW ¼ SW ¼ ¼ | Section Number: 29 | Township No. T 8 S | Range Number R 3 ☐E ☒W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.

Global Positioning System (GPS) information:
Latitude: 39.321930 (in decimal degrees)
Longitude: 97.683260 (in decimal degrees)
Elevation: 1410 ft
Datum: ☒ WGS 84, ☐ NAD 83, ☐ NAD 27
Collection Method:
☒ GPS unit (Make/Model: Garmin ETREX)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: Dave Carver
RR#, Street Address, Box #: 1317 Acorn Rd
City, State, ZIP Code: Delphos, KS 67436

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



4 DEPTH OF COMPLETED WELL 200 ft.
Depth(s) Groundwater Encountered (1) 170 ft. (2) ..... ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL 33 ft. below land surface measured on mo/day/yr 8/1/11
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 10 in. to 200 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 6 in. to 200 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 18 in., Weight ..... lbs./ft., Wall thickness or gauge No. .....
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 160 ft. to 180 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 90 ft., From 100 ft. to 200 ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other .....
Grout Intervals: From 0 ft. to 20 ft., From 90 ft. to 100 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 .....
Direction from well East Distance from well 50 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Topsoil	178	181	Limestone
2	18	Clay	181	200	Grey Shale
18	24	Weathered Shale			
24	30	Red Shale			
30	53	Grey Shale			
53	78	Red Shale			
78	79	Limestone			
79	170	Grey Shale			
170	175	Sandstone			
175	178	Grey Shale			

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) 8/1/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760 This Water Well Record was completed on (mo/day/year) 8/18/11 under the business name of Associated Drilling Inc. by (signature) Nelle Houland

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 785-296-5524. 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.

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