82 10774 OB 2-11

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Harvey | Fraction: 1/4 SE 1/4 SW 1/4 NE 1/4 | Section Number: 18 | Township No.: T 23 S | Range Number: R 01 ☐ E ☒ W

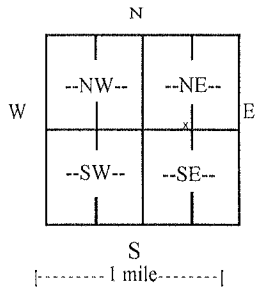
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐

Approximately 5 miles west and 1/2 mile south and 1/4 mile west of Newton

Global Positioning System (GPS) information:
Latitude: 38.050426 (in decimal degrees)
Longitude: -97.468757 (in decimal degrees)
Elevation: unknown
Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27
Collection Method:
☒ GPS unit (Make/Model: WAAS)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: City of North Newton
RR#, Street Address, Box #: 2601 N. Main St
City, State, ZIP Code : North Newton, KS 67117

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



4 DEPTH OF COMPLETED WELL 90 ft.
Depth(s) Groundwater Encountered (1) ____ ft. (2) ____ ft. (3) ____ ft.
WELL'S STATIC WATER LEVEL 19.83 ft. below land surface measured on mo/day/yr 04/06/11
Pump test data: Well water was not checked ft. after ____ hours pumping ____ gpm
EST. YIELD ____ gpm. Well water was ____ ft. after ____ hours pumping ____ gpm
Bore Hole Diameter 5 in. to 96 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 Observation 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 2 in. to 58 ft., Diameter ____ in. to ____ ft., Diameter ____ in. to ____ ft.
Casing height above land surface 24 in., Weight .70 lbs./ft., Wall thickness or gauge No. .154
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 58 ft. to 88 ft., From ____ ft. to ____ ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.
GRAVEL PACK INTERVALS: From 52 ft. to 96 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 ____ ft. to ____ ft., From 0 ft. to 52 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 None Known
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
Direction from well ____ Distance from well ____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	Topsoil	44	46	Clay, gray, green, tan
4	6	Clay, brown	46	52	Sand, fine to medium, clay streaks
6	10	Sand, fine	52	57	Sand, fine to medium
10	15	Clay, brown, gray	57	60	Sand, fine to coarse
15	18	Clay, tan	60	73	Sand, fine to coarse, gravel, fine
18	22	Clay, gray	73	77	Clay, red, brown, tan
22	25	Sand, fine to medium	77	77.5	Cemented Sand
25	27	Clay, tan, sandy	77.5	80	Clay, brown, red
27	40	Clay, red, brown, tan, sandy	80	88	Sand, fine to medium
40	44	Sand, fine to medium			Continued on back side

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) 04/06/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/year) 04/15/11 under the business name of Clarke Well & Equipment, Inc. 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

82 10774 OB 2-11

WATER WELL RECORD **Form WWC-5** Division of Water Resources App. No. 446087

1 LOCATION OF WATER WELL: County: Harvey	Fraction 1/4 SE 1/4 SW 1/4 NE 1/4	Section Number 18	Township No. T 23 S	Range Number R 01 ☐E ☒W

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
88	91	Cemented Sand			
91	92	Sand, fine			
92	95	Cemented Sand			
95	96	Shale, green, black			

RECEIVED
APR 28 2011
KS GEO SURVEY