

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID **TH-2-18**

1 LOCATION OF WATER WELL:

County: Jefferson

Fraction NW ¼ SE ¼ SW ¼ NE ¼

Section Number 30

Township Number T 7 S

Range Number R 19 E W

2 WELL OWNER: Last Name:

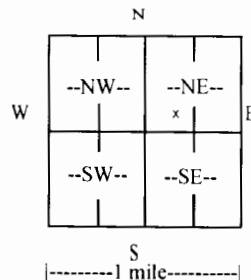
Business: City of Nortonville
Address: 407 Main
Address:
City: Nortonville

First:

State: KS ZIP: 66060

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
Located south of the intersection of Hickory St. and Taggart St. in Nortonville.

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL:

162 ft.
Depth(s) Groundwater Encountered: 1) ft.
2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: 91.05 ft.
 below land surface, measured on (mo-day-yr) 10-30-18
 above land surface, measured on (mo-day-yr)
Pump test data: Well water was not checked ft.
after hours pumping gpm
Well water was ft.
after hours pumping gpm
Estimated Yield: gpm
Bore Hole Diameter: 5 in. to 206 ft. and in. to ft.

5 Latitude: 39.413788 (decimal degrees)

Longitude: -95.335674 (decimal degrees)

Horizontal Datum: WGS 84 NAD 83 NAD 27

Source for Latitude/Longitude:

GPS (unit make/model:) (WAAS enabled? Yes No)

Land Survey Topographic Map
 Online Mapper:

6 Elevation: Unknown ft. Ground Level TOC

Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

- 1. Domestic: Household Lawn & Garden Livestock
- 2. Irrigation
- 3. Feedlot
- 4. Industrial
- 5. Public Water Supply: well ID
- 6. Dewatering: how many wells?
- 7. Aquifer Recharge: well ID
- 8. Monitoring: well ID
- 9. Environmental Remediation: well ID
 - Air Sparge Soil Vapor Extraction
 - Recovery Injection
- 10. Oil Field Water Supply: lease
- 11. Test Hole: well ID TH-2-18
 - Cased Uncased Geotechnical
- 12. Geothermal: how many bores?
 - a) Closed Loop Horizontal Vertical
 - b) Open Loop Surface Discharge Inj. of Water
- 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:

Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC CASING JOINTS: Glued Clamped Welded Threaded Other

Casing diameter 2 in. to 140 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 24 in. Weight 2.36 lbs./ft. Wall thickness or gauge No. .214

TYPE OF SCREEN OR PERFORATION MATERIAL:

Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 140 ft. to 160 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 120 ft. to 206 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0 ft. to 120 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

- Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
- Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
- Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
- Other (Specify) None Known

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Topsoil	58	60	Clay, gray
1	6	Clay, gray	60	62	Clay, brown, with sand, fine to medium
6	10	Clay, gray, rusty	62	70	Clay, gray
10	22	Clay, brown	70	73	Clay, gray, sand streaks
22	25	Clay, brown, sand & gravel	73	78	Clay, gray
25	33	Clay, gray			Continued on back side
33	50	Clay, gray, brown	Notes:		
50	52	Clay, brown, sand streak, fine			
52	58	Clay, brown, gray			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 10-30-18 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) 11-06-18 under the business name of Clarke Well & Equipment, Inc. Signature *[Signature]*

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

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10 FROM	TO	LITHOLOGIC LOG (cont.)	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
78	79	Cemented sand	131	137	Clay, gray, sand & gravel streaks
79	84	Clay, gray, with sand, fine to medium	137	160	Sand & gravel, fine to coarse
84	86	Clay, gray	160	170	Clay, gray, with sand & gravel streaks
86	87	Cemented sand	170	180	Clay, gray
87	91	Sand, fine to medium, with clay streaks	180	203	Sand & gravel, fine to coarse
91	95	Sand, fine to medium	203	206	Limestone & shale
95	96	Cemented sand			
96	97	Sand, fine to medium, with rock			
97	120	Clay, dark gray, sand, fine to medium			
120	129	Sand, fine to medium, with clay streaks			
129	131	Gravel, fine to coarse, clay streaks			

RECEIVED

DEC 21 2018

SURVEY