

WATER WELL RECORD Form WWC-5

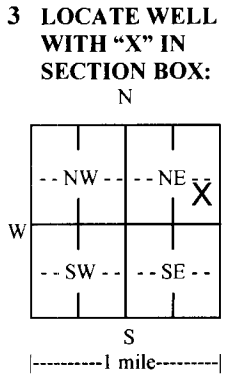
Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: Gray Fraction SW 1/4 NE 1/4 SE 1/4 NE 1/4 Section Number 2 Township Number T 26 S Range Number R 28 E W

2 WELL OWNER: Last Name: Kopper First: Kyle 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: [X]



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 340 ft. Depth(s) Groundwater Encountered: 1) 160 ft. 2) ... ft. 3) ... ft., or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 160 ft. [X] below land surface, measured on (mo-day-yr) 08/31/2017 [] above land surface, measured on (mo-day-yr) ... Pump test data: Well water was ... ft. after ... hours pumping ... gpm Well water was ... ft. after ... hours pumping ... gpm Estimated Yield: 35 gpm Bore Hole Diameter: 10 in. to 340 ft. and ... in. to ... ft.

5 Latitude: 37.819660 (decimal degrees) Longitude: 100.344216 (decimal degrees) Datum: [X] 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: 2743 ft. [X] Ground Level [] TOC Source: [] Land Survey [] GPS [] Topographic Map [X] Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: [X] 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 ... [] 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 [X] No If yes, date sample was submitted: ... Water well disinfected? [X] Yes [] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 6 in. to 34 ft., Diameter ... in. to ... ft., Diameter ... in. to ... ft. Casing height above land surface 18 in. Weight ... lbs./ft. Wall thickness or gauge No. SDR17. TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] 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 [X] Saw Cut [] None (Open Hole) SCREEN-PERFORATED INTERVALS: From 280 ft. to 340 ft., From ... ft. to ... ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 0 ft. to 5 ft., From 30 ft. to 340 ft., From ... ft. to ... ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout Intervals: From 5 ft. to 30 ft., From ... ft. to ... ft., From ... ft. to ... ft. Nearest source of possible contamination: [X] 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) ... Direction from well? North East Distance from well? 300 ft.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a 'Notes' section.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 08/31/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 846 This Water Well Record was completed on (mo-day-year) 09/22/2017 under the business name of Nash Water Well Service, LLC

Gray

2-26-28 W

Form	WWC5
Contractor	Nash Water Well Service, LLC
Well Owner	Kyle Kopper
Doc ID	1368082

Litholgy

0	20	TOP SOIL, FINE SAND, BROWN CLAY
20	50	BROWN CLAY WITH FINE SAND STREAKS
50	85	TAN CLAY WITH FINE SAND STREAKS AND CALICHE
85	90	TAN BROWN CLAY, THIN ROCK LAYER
90	110	FINE COARSE SAND WITH THIN ROCK LAYERS
110	115	FINE COARSE SAND , WHITE CALICHE
115	120	FINE COARSE SAND
120	140	TAN CLAY WITH FINE MEDIUM SAND
140	235	FINE MEDIUM SAND WITH THIN CLAY STREAKS
235	260	FINE SAND STREAKS, WITH TAN CLAY LAYER
260	280	TAN CLAY WITH FINE SAND STREAKS
280	297	FINE COARSE SAND WITH SMALL MEDIUM GRAVEL
297	317	FINE COARSE SAND WITH TAN CLAY STREAKS
317	332	TIGHT ROCK LAYER, TAN/ YELLOW CLAY WITH THIN FINE SAND STREAKS
332	338	TAN CLAY WITH FINE SAND STREAKS

Gray

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338	340	BLUE SHALE