

County: Norton Fraction NE NW NW NW Sec. 33 T 4 S R 25 E (W)

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)

(to rectify lacking or incorrect information)

Owner: Barry Madden

Location was listed as:

Location changed to:

Section-Township-Range: 33-45S-25E

33-45-25W

Fraction (1/4 1/4 1/4): NW NW NW

NE NW NW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: Written & legal description, county, water rights information in WIMAS database, and mapping tool on KGS website.

initials: DRL date: 3/3/2016

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 660473726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

[]

Well ID

[]

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Norton Fraction 1/4 NW 1/4 NW 1/4 NW 1/4 Section Number 33 Township Number T 45 S Range Number R 25 [] E [] W

2 WELL OWNER: Last Name: Madden First: Barry 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: [] 133 from N line, 636 from W line

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S []

4 DEPTH OF COMPLETED WELL: 195 ft. Depth(s) Groundwater Encountered: 1) 195 ft. 2) ... ft. 3) ... ft. or 4) [] Dry Well WELL'S STATIC WATER LEVEL: ... ft. [] below land surface, measured on (mo-day-yr) ... [] 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: ... gpm Bore Hole Diameter: ... 12.5 in. to ... 195 ft. and ... in. to ... ft.

5 Latitude: ... (decimal degrees) Longitude: ... (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: ... 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 ... [] 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 [] Other ... CASING JOINTS: [] Glued [] Clamped [] Welded [] Threaded Casing diameter 8 in. to 195 ft. Diameter ... in. to ... ft. Diameter ... in. to ... ft. Casing height above land surface 12 in. Weight 5.81 lbs./ft. Wall thickness or gauge No. 0.332 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [] PVC [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) [] Other (Specify) ... 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 60 ft. to 195 ft. From ... ft. to ... ft. From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 0 ft. to 20 ft. From ... ft. to ... ft. From ... ft. to ... ft. From ... ft. to ... ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [] Bentonite [] Other ... Grout Intervals: From 0 ft. to 20 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) ... Direction from well? ... Distance from well? ... ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Surface, Loess, Clay, Fine sand w/ sandstone str, Fine sand (loose), Clay, Fine to med sand, Sandy clay & caliche, Sandstone w/ clay & fine sand str.

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) 6/5/15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 838 This Water Well Record was completed on (mo-day-year) 6/25/15 under the business name of D&R Pump Service, LLC