

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

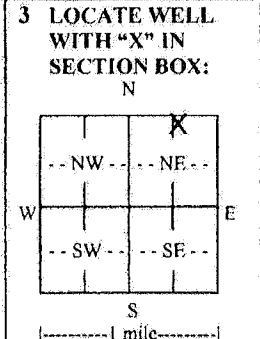
Division of Water Resources App. No.

20120843

Well ID

1 LOCATION OF WATER WELL:
 County: Grant Fraction NW 1/4 NW 1/4 NE 1/4 NE 1/4 Section Number 5 Township Number T 29 S Range Number R 38 E W

2 WELL OWNER: Last Name: First: 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:
 Business: Stantec Consulting Address: 2321 Club Meridian Drive Hwy 160 & Rd C 1 mile North
 Address: Suite E City: Okemos State: MI ZIP: 48864 *South*



4 DEPTH OF COMPLETED WELL: 495 ft.
 Depth(s) Groundwater Encountered: 1) 260 ft. 2) ft. 3) ft. or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 260 ft.
 below land surface, measured on (mo-day-yr) 11/09/2012
 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: 100 gpm
 Bore Hole Diameter: 18 in. to 495 ft. and in. to ft.

5 Latitude: 37.56124 (decimal degrees)
Longitude: 101.49386 (decimal degrees)
 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: 3152 ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other: KOLAR

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 495 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 12 in. Weight lbs./ft. Wall thickness or gauge No. SDR 21
 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 295 ft. to 495 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 495 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.

| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---------|-----|------------------------------|------|----|--|
| 0 | 83 | Topsoil, Clay & Cliche | | | |
| 83 | 249 | Clay, Sandv Clay little Sand | | | |
| 249 | 270 | Sand Little Clay | | | |
| 270 | 375 | Clay & Sand Streaks | | | |
| 375 | 396 | Sandv clay With Gravel | | | |
| 396 | 417 | Sandv Clay Little Sandstone | | | |
| 417 | 438 | Sand stone with Sand Streaks | | | Notes: |
| 438 | 480 | Sandstone With Shale | | | |
| 480 | 500 | Sandstone with White Clay | | | |

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) 11/08/2012 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 473 This Water Well Record was completed on (mo-day-year) 11/27/2012 under the business name of Tyler Water Well, Inc.