

**WATER WELL RECORD Form WWC-5**

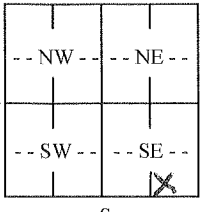
Original Record  Correction  Change in Well Use

Division of Water Resources App. No.

Well ID

**1 LOCATION OF WATER WELL:**  
 County: Marion Fraction 1/4 SW 1/4 Sec 10 1/4 SE 1/4 Section Number 1 Township Number T 19 S Range Number R 3 E

**2 WELL OWNER:** Last Name: Helmer First: Ray  
 Business: 2467 Hwy 150  
 Address: marion State: KS ZIP: 66881  
 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 3 1/2 E 1 S Marion

**3 LOCATE WELL WITH "X" IN SECTION BOX:**  
 N  
  
 S  
 W E  
 -----1 mile-----

**4 DEPTH OF COMPLETED WELL:** 109 ft.  
 Depth(s) Groundwater Encountered: 1) 40 ft.  
 2) ..... ft. 3) ..... ft., or 4)  Dry Well  
 WELL'S STATIC WATER LEVEL: 60 ft.  
 below land surface, measured on (mo-day-yr) .....  
 above land surface, measured on (mo-day-yr) 9-22-14  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Well water was ..... ft. after ..... hours pumping ..... gpm  
 Estimated Yield: 20-30 gpm  
 Bore Hole Diameter: 5 1/2 in. to 25 ft. and 7 1/2 in. to 109 ft.

**5 Latitude:** ..... (decimal degrees)  
**Longitude:** ..... (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:** ..... 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 5 in. to 109 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface 12 in. Weight SDR26 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 50 ft. to 109 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: 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 25 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? Pasture Distance from well? None within 1/8 mi. Cattle

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	Top Soil			
5	25	lime Stone			
25	60	yellow Shale mixed lime			
60	75	Red Shale			
75	87	lime Stone			
87	88	Crumbled lime & water			
88	109	White Rock Hard			
Notes:					

**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) 9-22-14 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo-day-year) 9-22-14 under the business name of Bac Kwo Drilling