

WATER WELL RECORD Form WWC-5 KSA 82a-1212

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|--|--|---|--|------------------|--|---|--|--------------|--|------------------------------------|--|
| 1 LOCATION OF WATER WELL: | | Fraction | | Section Number | | Township Number | | Range Number | | | |
| County: RAWLINS | | SW 1/4 SW 1/4 NW 1/4 | | 17 | | T 5 S | | R 34 NW | | | |
| Distance and direction from nearest town or city street address of well if located within city? | | | | | | | | | | | |
| 2 WATER WELL OWNER: HARLAN DOWNING | | | | | | | | | | | |
| RR#, St. Address, Box #: RR # 3 BOX 310 | | | | | | Board of Agriculture, Division of Water Resources | | | | | |
| City, State, ZIP Code: COLBY KS 67701 | | | | | | Application Number: 44,520 | | | | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | 4 DEPTH OF COMPLETED WELL: 305 ft. ELEVATION: 3,255' | | | | | | | | | |
| | | Depth(s) Groundwater Encountered 1. 183 ft. 2. _____ ft. 3. _____ ft. | | | | | | | | | |
| | | WELL'S STATIC WATER LEVEL 183 ft. below land surface measured on mo/day/yr 12-04-06 | | | | | | | | | |
| | | Pump test data: Well water was 239 ft. after 9.5 hours pumping 365 gpm | | | | | | | | | |
| | | Est. Yield 350 gpm: Well water was 237 ft. after 24 hours pumping 365 gpm | | | | | | | | | |
| | | Bore Hole Diameter 28 in. to 303.5 ft. and 17 in. to 305 ft. | | | | | | | | | |
| | | WELL WATER TO BE USED AS: | | | | | | | | | |
| | | 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well | | | | | | | | | |
| | | Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, mo/day/yr sample was submitted | | | | | | | | | |
| | | Water Well Disinfected? Yes <input checked="" type="checkbox"/> HTH No <input type="checkbox"/> | | | | | | | | | |
| 5 TYPE OF BLANK CASING USED: | | | | | | | | | | | |
| 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <input checked="" type="checkbox"/> 7 Fiberglass Threaded _____ | | | | | | | | | | | |
| Blank casing diameter 14 in. to 216 ft. Dia 14 in. to 296-305 ft. Dia _____ in. to _____ ft. | | | | | | | | | | | |
| Casing height above land surface 12 in., weight 36.71 lbs./ft. Wall thickness or gauge No. 250 | | | | | | | | | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: | | | | | | | | | | | |
| 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) 250 Wall 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) | | | | | | | | | | | |
| SCREEN OR PERFORATION OPENINGS ARE: | | | | | | | | | | | |
| 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes | | | | | | | | | | | |
| SCREEN-PERFORATED INTERVALS: From 216 ft. to 296 ft. From _____ ft. to _____ ft. | | | | | | | | | | | |
| GRAVEL PACK INTERVALS: From 21 ft. to 305 ft. From _____ ft. to _____ ft. | | | | | | | | | | | |
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____ | | | | | | | | | | | |
| Grout Intervals: From +1 ft. to 21 ft. Includes 6'X12'x1' Pad Continuous with grout | | | | | | | | | | | |
| What is the nearest source of possible contamination: | | | | | | | | | | | |
| 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) Irrigation Well Direction from well? NORTH How many feet? 600' | | | | | | | | | | | |
| FROM | | TO | | LITHOLOGIC LOG | | FROM | | TO | | PLUGGING INTERVALS | |
| | | | | SEE ATTACHED LOG | | | | | | 290' - 1" Sch 80 PVC Water Level | |
| | | | | | | | | | | Tube with 80' Perf. in gravel pack | |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 12-05-06 and this record is true to the best of my knowledge and belief. Kansas | | | | | | | | | | | |
| Water Well Contractor's License No. 633 This Water Well Record was completed on (mo/day/yr) 12-30-2006 | | | | | | | | | | | |
| under the business name of DMW WELL & PUMP SERVICE by (signature) <i>Jerry T. Hudnell</i> | | | | | | | | | | | |
| INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records. | | | | | | | | | | | |

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| | | | DOWNING LOG WEST WELL NW 1/4-17-5S-34W |
| | FROM | TO | LITHOLOGIC LOG |
| | 0 | 36 | topsoil 2', clay, sand |
| | 36 | 57 | clay, sand, sandstone |
| | 57 | 67 | brown clay, sand |
| | 67 | 80 | brown clay, sand, sandstone layers |
| | 80 | 87 | sand, sandstone |
| | 87 | 102 | sand, red clay, sandstone |
| | 102 | 123 | sand, gravel, some brown clay, sandstone streaks |
| | 123 | 145 | sand, brown clay, sandstone |
| | 145 | 149 | sand, sandstone |
| | 149 | 155 | sand, some brown clay, sandstone |
| | 155 | 160 | sand, brown & white clay |
| | 160 | 163 | sand, brown clay, sandstone |
| | 163 | 166 | sandstone |
| | 166 | 169 | sand, brown clay, sandstone |
| | 169 | 175 | sand, gravel |
| | 175 | 178 | sand, gravel, brown clay |
| | 178 | 195 | fine to coarse sand, brown clay, some white clay with sandstone streaks |
| | 195 | 202 | fine sand, brown clay, sandstone |
| | 202 | 214 | fine to coarse sand, white clay, sandstone |
| | 214 | 220 | fine to coarse sand, little brown clay |
| | 220 | 250 | fine sand |
| | 250 | 262 | fine sand, sandstone, clay streaks |
| | 262 | 264 | fine sand, clay streaks |
| | 264 | 267 | sand, green & brown clay |
| | 267 | 269 | fine sand, brown clay |
| | 269 | 280 | fine to coarse sand, brown clay, small gravel |
| | 280 | 282 | sand, white & green clay |
| | 282 | 295 | fine to coarse sand, little clay |
| | 295 | 298 | ochre |
| | 298 | 305 | black shale |