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|---|-----|-----------------------------|--|--|--|
| 1 LOCATION OF WATER WELL | | Fraction | Section Number | Township Number | Range Number |
| County: <u>Thomas</u> | | <u>NE 1/4 SE 1/4 SE 1/4</u> | <u>24</u> | <u>T 7 S</u> | <u>R 33</u> EW |
| Distance and direction from nearest town or city? <u>2 miles west of Gem</u> | | | Street address of well if located within city? | | |
| 2 WATER WELL OWNER: <u>Lon Jowers</u> | | | | | |
| RR#, St. Address, Box # : City, State, ZIP Code : <u>Gem, Kansas 67734</u> | | | | Board of Agriculture, Division of Water Resources Application Number: | |
| 3 DEPTH OF COMPLETED WELL: <u>215</u> ft. Bore Hole Diameter: <u>8</u> in. to <u>115</u> ft., and _____ in. to _____ ft. | | | | | |
| Well Water to be used as: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">5 Public water supply</div> <div style="width: 33%;">8 Air conditioning</div> <div style="width: 33%;">11 Injection well</div> <div style="width: 33%;">3 Feedlot</div> <div style="width: 33%;">9 Dewatering</div> <div style="width: 33%;">12 Other (Specify below)</div> <div style="width: 33%;">2 Irrigation</div> <div style="width: 33%;">4 Industrial</div> <div style="width: 33%;">7 Lawn and garden only</div> <div style="width: 33%;">10 Observation well</div> </div> | | | | | |
| Well's static water level: <u>101</u> ft. below land surface measured on _____ month <u>25</u> day <u>1978</u> year | | | | | |
| Pump Test Data Est. Yield <u>Not tested</u> Well water was _____ ft. after _____ hours pumping _____ gpm | | | | | |
| 4 TYPE OF BLANK CASING USED: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1 Steel</div> <div style="width: 33%;">3 Wrought iron</div> <div style="width: 33%;">8 Concrete tile</div> <div style="width: 33%;">2 PVC</div> <div style="width: 33%;">4 RMP (SR)</div> <div style="width: 33%;">6 Asbestos-Cement</div> <div style="width: 33%;">9 Other (specify below)</div> <div style="width: 33%;">4 ABS</div> <div style="width: 33%;">7 Fiberglass</div> <div style="width: 33%;">11 Other (specify)</div> </div> | | | | | |
| Blank casing dia <u>5</u> in. to <u>195</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. | | | | | |
| Casing height above land surface: <u>18</u> in., weight <u>18/10</u> lbs./ft. Wall thickness or gauge No. <u>1/4</u> <u>250</u> | | | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1 Steel</div> <div style="width: 33%;">3 Stainless steel</div> <div style="width: 33%;">5 Fiberglass</div> <div style="width: 33%;">8 RMP (SR)</div> <div style="width: 33%;">2 Brass</div> <div style="width: 33%;">4 Galvanized steel</div> <div style="width: 33%;">6 Concrete tile</div> <div style="width: 33%;">9 ABS</div> <div style="width: 33%;">12 None used (open hole)</div> </div> | | | | | |
| Screen or Perforation Openings Are: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1 Continuous slot</div> <div style="width: 33%;">3 Mill slot</div> <div style="width: 33%;">5 Gauzed wrapped</div> <div style="width: 33%;">8 Saw cut</div> <div style="width: 33%;">2 Louvered shutter</div> <div style="width: 33%;">4 Key punched</div> <div style="width: 33%;">6 Wire wrapped</div> <div style="width: 33%;">9 Drilled holes</div> <div style="width: 33%;">7 Torch cut</div> <div style="width: 33%;">10 Other (specify)</div> </div> | | | | | |
| Screen-Perforation Dia <u>5</u> in. to <u>195-215</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. | | | | | |
| Screen-Perforated Intervals: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">From <u>195</u> ft. to <u>210</u> ft.</div> <div style="width: 33%;">From _____ ft. to _____ ft.</div> <div style="width: 33%;">From _____ ft. to _____ ft.</div> </div> | | | | | |
| Gravel Pack Intervals: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">From <u>18</u> ft. to <u>215</u> ft.</div> <div style="width: 33%;">From _____ ft. to _____ ft.</div> <div style="width: 33%;">From _____ ft. to _____ ft.</div> </div> | | | | | |
| 5 GROUT MATERIAL: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1 Neat cement</div> <div style="width: 33%;">2 Cement grout</div> <div style="width: 33%;">3 Bentonite</div> <div style="width: 33%;">4 Other</div> </div> | | | | | |
| Grouted Intervals: From <u>4</u> ft. to <u>18</u> ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. | | | | | |
| What is the nearest source of possible contamination: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1 Septic tank</div> <div style="width: 33%;">4 Cess pool</div> <div style="width: 33%;">7 Sewage lagoon</div> <div style="width: 33%;">10 Fuel storage</div> <div style="width: 33%;">2 Sewer lines</div> <div style="width: 33%;">5 Seepage pit</div> <div style="width: 33%;">8 Feed yard</div> <div style="width: 33%;">11 Fertilizer storage</div> <div style="width: 33%;">14 Abandoned water well</div> <div style="width: 33%;">3 Lateral lines</div> <div style="width: 33%;">6 Pit privy</div> <div style="width: 33%;">9 Livestock pens</div> <div style="width: 33%;">12 Insecticide storage</div> <div style="width: 33%;">15 Oil well/Gas well</div> <div style="width: 33%;">16 Other (specify below)</div> <div style="width: 33%;">13 Watertight sewer lines</div> </div> | | | | | |
| Direction from well: <u>South west</u> How many feet <u>15</u> ? Water Well Disinfected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | |
| Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, date sample _____ | | | | | |
| was submitted _____ month _____ day _____ year: Pump Installed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | |
| If Yes: Pump Manufacturer's name _____ Model No. _____ HP _____ Volts _____ | | | | | |
| Depth of Pump Intake _____ ft. Pumps Capacity rated at _____ gal./min. | | | | | |
| Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other | | | | | |
| 6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on _____ month <u>25</u> day <u>1978</u> year <u>24</u> | | | | | |
| and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>139</u> | | | | | |
| This Water Well Record was completed on _____ month <u>31</u> day <u>1979</u> year under the business name of <u>Bastell Drilling</u> by (signature) <u>Dayline Grouse</u> | | | | | |
| 7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | LITHOLOGIC LOG | | LITHOLOGIC LOG | |
| | | FROM | TO | | |
| | | 0 | 41 | top soil | |
| | | 41 | 71 | sandy clay | |
| | | 71 | 76 | sand & clay strips | |
| | | 76 | 122 | sand & sand rock strips | |
| | | 122 | 125 | sandy clay | |
| | | 125 | 136 | sand & sand rock strips | |
| | | 136 | 141 | sand rock hard | |
| | | 141 | 191 | sand & sand rock strips | |
| | | 191 | 212 | sand good | |
| 212 | 215 | above shale | | | |
| ELEVATION: | | BROCK 212' | | | |
| Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft. 4. _____ ft. (Use a second sheet if needed) | | | | | |

OFFICE USE ONLY

T

7

R

33

EW

SEC.

24

NE

1/4

SE

1/4

SE

1/4

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, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.