

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

| 1 LOCATION OF WATER WELL: County: <u>Lane</u> | | Fraction <u>SE 1/4 SE 1/4 SW 1/4</u> | | Section Number <u>4</u> | Township Number <u>T 17 S</u> | Range Number <u>R 30 E W</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Distance and direction from nearest town or city street address of well if located within city? | | | | Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 WATER WELL OWNER: <u>Prairie Fire Bio-Energy</u> RR#, St. Address, Box # : <u>106 W. Hwy 4</u> City, State, ZIP Code : <u>Henly, KS 67850</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td> </td><td> </td><td> </td></tr><tr><td>-- NW --</td><td>-- NE --</td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td>-- SW --</td><td>-- SE --</td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> E S X is in the SW section | | | | | -- NW -- | -- NE -- | | | | | -- SW -- | -- SE -- | | | | | 4 DEPTH OF COMPLETED WELL <u>173</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>11.4</u> ft. below land surface measured on mo/day/yr..... <u>7-24-08</u> Pump test data: Well water was..... ft. after..... hours pumping..... gpm Est. Yield... <u>73</u> ...gpm: Well water was..... ft. after..... hours pumping..... gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well <input checked="" type="checkbox"/> Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/>; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| -- NW -- | -- NE -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| -- SW -- | -- SE -- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) <input checked="" type="checkbox"/> PVC 4 ABS 7 Fiberglass Blank casing diameter <u>10</u> in. to <u>173</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface..... <u>12</u> in., Weight lbs./ft. Wall thickness or gauge No. <u>200</u> psi. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <input checked="" type="checkbox"/> PVC 9 ABS 11 Other (Specify) 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped <input checked="" type="checkbox"/> Saw Cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From..... <u>143</u> ft. to <u>173</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From..... <u>25</u> ft. to <u>173</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <input checked="" type="checkbox"/> Bentonite 4 Other Grout Intervals: From <u>5</u> ft. to <u>25</u> ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: <u>none</u> 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Direction from well? How many feet? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>top soil</td> <td>150</td> <td>158</td> <td>cemented sand, brown clay</td> </tr> <tr> <td>2</td> <td>30</td> <td>brown clay</td> <td>158</td> <td>167</td> <td>med. to coarse sand, small gravel</td> </tr> <tr> <td>30</td> <td>42</td> <td>cemented sand + gypsum</td> <td>167</td> <td>170</td> <td>yellow shale</td> </tr> <tr> <td>42</td> <td>57</td> <td>brown clay, cemented sand</td> <td>170</td> <td></td> <td>black shale</td> </tr> <tr> <td>57</td> <td>62</td> <td>coarse sand, small gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>62</td> <td>80</td> <td>cemented sand, brown clay, few sand streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>80</td> <td>96</td> <td>med. to coarse sand, few cemented streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>96</td> <td>112</td> <td>med to coarse sand, brown clay, mixed</td> <td></td> <td></td> <td></td> </tr> <tr> <td>112</td> <td>142</td> <td>fine to coarse sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>142</td> <td>150</td> <td>coarse sand, loose, clean</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS | 0 | 2 | top soil | 150 | 158 | cemented sand, brown clay | 2 | 30 | brown clay | 158 | 167 | med. to coarse sand, small gravel | 30 | 42 | cemented sand + gypsum | 167 | 170 | yellow shale | 42 | 57 | brown clay, cemented sand | 170 | | black shale | 57 | 62 | coarse sand, small gravel | | | | 62 | 80 | cemented sand, brown clay, few sand streaks | | | | 80 | 96 | med. to coarse sand, few cemented streaks | | | | 96 | 112 | med to coarse sand, brown clay, mixed | | | | 112 | 142 | fine to coarse sand | | | | 142 | 150 | coarse sand, loose, clean | | | |
| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 2 | top soil | 150 | 158 | cemented sand, brown clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 30 | brown clay | 158 | 167 | med. to coarse sand, small gravel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 42 | cemented sand + gypsum | 167 | 170 | yellow shale | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 57 | brown clay, cemented sand | 170 | | black shale | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | 62 | coarse sand, small gravel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 80 | cemented sand, brown clay, few sand streaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | 96 | med. to coarse sand, few cemented streaks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | 112 | med to coarse sand, brown clay, mixed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 142 | fine to coarse sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 150 | coarse sand, loose, clean | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>7-24-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>532</u> This Water Well Record was completed on (mo/day/year) under the business name of <u>Midwest Well & Pump Inc</u> by (signature) <u>John Sauter</u> INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |