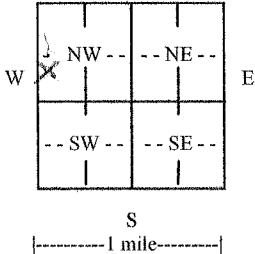


WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

12,055 & 14,461

1 LOCATION OF WATER WELL: County: HASKELL		Fraction $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 22	Township No. T 28 S	Range Number R 31 <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> . APPROX 8 MILES WEST AND 7 MILES NORTH OF SUBLETTE KANSAS			Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input checked="" type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																				
2 WATER WELL OWNER: BARVARA RIPHAHN RR#, Street Address, Box #: 2318 150TH ROAD City, State, ZIP Code : COPELAND KS 67837																																																																							
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N  S -----1 mile-----		4 DEPTH OF COMPLETED WELL 637 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 370 ft. below land surface measured on mo/day/yr. 12-16-201 Pump test data: Well water was 401 ft. after 1.5 hours pumping 1209 gpm EST. YIELD..... gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 24 in. to 637 ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																					
5 TYPE OF CASING USED: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter 16 in. to 637 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12 in., Weight 42.09 lbs./ft., Wall thickness or gauge No. 250 TYPE OF SCREEN OR PERFORATION MATERIAL: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input checked="" type="checkbox"/> Continuous slot <input type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From 390 ft. to 440 ft., From 480 ft. to 500 ft. From 532 ft. to 592 ft., From 592 ft. to 632 ft. GRAVEL PACK INTERVALS: From 20 ft. to 450 ft., From 450 ft. to 580 ft. From 580 ft. to 637 ft., From ft. to ft.																																																																							
6 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input checked="" type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well Direction from well NORTH & WEST Distance from well 74' & 30'																																																																							
<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>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>SURFACE</td> <td>255</td> <td>335</td> <td>SAND, FINE TO MED, COARSE, SM GRV,</td> </tr> <tr> <td>2</td> <td>110</td> <td>BROWN CLAY, CALICHE</td> <td>335</td> <td>374</td> <td>SAND, FINE TO MED, SM GRAVEL</td> </tr> <tr> <td>110</td> <td>120</td> <td>SAND, FINE TO MED, CLAY</td> <td>374</td> <td>391</td> <td>BROWN & BLUE CLAY</td> </tr> <tr> <td>120</td> <td>181</td> <td>SAND, FINE TO MED, SMALL TO MD G</td> <td>391</td> <td>440</td> <td>SND, FINE TO MED, SM GRAVEL</td> </tr> <tr> <td>181</td> <td>195</td> <td>BROWN CLAY</td> <td>440</td> <td>479</td> <td>BROWN & WHT CLAY, LIMEROCK, FEW SD</td> </tr> <tr> <td>195</td> <td>211</td> <td>SAND, FINE TO MED COARSE</td> <td>479</td> <td>484</td> <td>SAND, FINE TO MED</td> </tr> <tr> <td>211</td> <td>221</td> <td>BROWN CLAY, FEW LIMEROCK</td> <td>484</td> <td>531</td> <td>BROWN, WHITE SANDY CLAY, LIMEROCK</td> </tr> <tr> <td>221</td> <td>237</td> <td>SAND, FINE TO MED COARSE, SM GRV</td> <td>531</td> <td>577</td> <td>BROWN CLAY, SILTY SAND</td> </tr> <tr> <td>237</td> <td>249</td> <td>BROWN CLAY</td> <td>577</td> <td>646</td> <td>SAND, FINE, SM GRV, YELL CLAY</td> </tr> <tr> <td>249</td> <td>255</td> <td>BLUE & YELLOW CLAY LIMEROCK</td> <td>646</td> <td>670</td> <td>SHALE, LIMESTONE</td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	2	SURFACE	255	335	SAND, FINE TO MED, COARSE, SM GRV,	2	110	BROWN CLAY, CALICHE	335	374	SAND, FINE TO MED, SM GRAVEL	110	120	SAND, FINE TO MED, CLAY	374	391	BROWN & BLUE CLAY	120	181	SAND, FINE TO MED, SMALL TO MD G	391	440	SND, FINE TO MED, SM GRAVEL	181	195	BROWN CLAY	440	479	BROWN & WHT CLAY, LIMEROCK, FEW SD	195	211	SAND, FINE TO MED COARSE	479	484	SAND, FINE TO MED	211	221	BROWN CLAY, FEW LIMEROCK	484	531	BROWN, WHITE SANDY CLAY, LIMEROCK	221	237	SAND, FINE TO MED COARSE, SM GRV	531	577	BROWN CLAY, SILTY SAND	237	249	BROWN CLAY	577	646	SAND, FINE, SM GRV, YELL CLAY	249	255	BLUE & YELLOW CLAY LIMEROCK	646	670	SHALE, LIMESTONE
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) 11/5/12 under the business name of HYDRO RESOURCES by (signature) <i>Barbara Riphaan</i>																																																																							
INSTRUCTIONS: Use typewriter or ball point pen. <i>PLEASE PRESS FIRMLY</i> and <i>PRINT</i> clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html .																																																																							