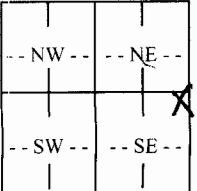


## WATER WELL RECORD

## Form WWC-5

Division of Water Resources; App. No.

<b>1 LOCATION OF WATER WELL:</b> County: <u>Thomas</u>		Fraction <u>NE 1/4 NE 1/4 SE 1/4</u>	Section Number <u>21</u>	Township Number <u>T 7 S</u>	Range Number <u>R 32 E/W</u>
Distance and direction from nearest town or city street address of well if located within city? <u>In Gem, KS</u>			<b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____		
<b>2 WATER WELL OWNER:</b> <u>Denny &amp; Traci Nieman</u> RR#, St. Address, Box # : <u>220 Walnut</u> City, State, ZIP Code : <u>Gem, Ks 67734</u>					
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> N W E S 		<b>4 DEPTH OF COMPLETED WELL</b> ..... <u>245</u> ..... ft.  Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>144</u> ..... ft. below land surface measured on mo/day/yr <u>12-05-09</u> . Pump test data: Well water was..... ft. after..... hours pumping..... gpm Est. Yield.....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 1 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 .. <u>X</u> ....; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes .. <u>X</u> ..... No .....			
<b>5 TYPE OF CASING USED:</b> 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded..... <u>2 PVCX</u> 4 ABS 7 Fiberglass ..... Threaded..... Blank casing diameter ..... <u>5</u> ..... in. to ..... <u>225</u> ..... ft., Diameter. .... in. to ..... ft., Diameter ..... in. to ..... ft. Casing height above land surface..... <u>24</u> ..... in., Weight ..... <u>2.5</u> ..... lbs./ft. Wall thickness or guage No. .... <u>1/4</u> "..... TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC X</u> 9 ABS 11 Other (Specify) ..... 2 Brass 4 Galvanized Steel 6 Concrete tile <u>8 RM (SR)</u> 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 <u>8 Saw cut</u> 10 Other (specify) ..... SCREEN-PERFORATED INTERVALS: From..... <u>245</u> ..... ft. to ..... <u>225</u> ..... ft., From ..... ft. to ..... ft. From..... ft. to ..... ft., From ..... ft. to ..... ft. GRAVEL PACK INTERVALS: From..... <u>245</u> ..... ft. to ..... <u>20</u> ..... ft., From ..... ft. to ..... ft. From..... ft. to ..... ft., From ..... ft. to ..... ft.					
<b>6 GROUT MATERIAL:</b> 1 Neat cement <u>X</u> 2 Cement grout 3 Bentonite 4 Other ..... Grout Intervals: From ..... <u>3</u> ..... ft. to ..... <u>20</u> ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft. What is the nearest source of possible contamination: <u>1 Septic tank X</u> 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide storage 16 Other (specify <u>2 Sewer lines</u> 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well ..... Direction from well? ..... <u>SW</u> ..... How many feet? ..... <u>300</u> .....					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	top soil	185	215	good gravel
20	60	white clay & sand strips	215	230	louse gravel
60	110	rock/sand strips	230	235	tight sandy rock
110	115	louse sand	235	245	louse gravel
115	120	tight sand & clay strips	245		bottom
120	130	sandstone			
130	140	louse sand & clay strips			
140	160	very louse sand			
160	180	tight good gravel			
180	185	clay			
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>12-05-09</u> ... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>649</u> ..... This Water Well Record was completed on (mo/day/year) <u>01-27-10</u> ..... under the business name of <u>Bartell Drilling</u> by (signature) <u>Daylene Bartell</u> <b>INSTRUCTIONS:</b> 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 <a href="http://www.kdheks.gov/waterwell/index.html">http://www.kdheks.gov/waterwell/index.html</a> .					