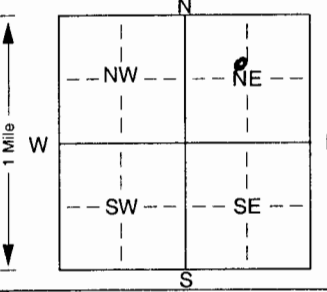


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# WATER WELL RECORD

Form WWC-5

KSA-02a-1212 ID No.

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number																																																																																				
County: Meade		NE 1/4 140 1/4 SE 1/4	30	T 33 S	R 30 E																																																																																				
Distance and direction from nearest town or city street address of well if located within city? 7 1/2 S + 2 W from Plains																																																																																									
2 WATER WELL OWNER: Don Thorpe																																																																																									
RR#, St. Address, Box # : City, State, ZIP Code : Plains, KS 67869			Board of Agriculture, Division of Water Resources Application Number:																																																																																						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 31.5 ft. ELEVATION:																																																																																							
		Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft. WELL'S STATIC WATER LEVEL 21.0 ft. below land surface measured on mo/day/yr 11-14-03 Pump test data: Well water was 21.0 ft. after . . . . . hours pumping . . . . . gpm Est. Yield 50 gpm; Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm Bore Hole Diameter 8 3/4 in. to 31.5 ft., and . . . . . in. to . . . . . ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 6 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																																																																																							
5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. . . . . Clamped. . . . . 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded . . . . . PVC 4 ABS 7 Fiberglass . . . . . Threaded. . . . . Blank casing diameter 5 in. to 23.5 ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft. Casing height above land surface 2.4 in., weight . . . . . lbs./ft. Wall thickness or gauge No. 2002 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) . . . . . 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) . . . . . ft. SCREEN-PERFORATED INTERVALS: From 23.5 ft. to 25.5 ft., From . . . . . ft. to . . . . . ft. From 27.5 ft. to 31.5 ft., From . . . . . ft. to . . . . . ft. GRAVEL PACK INTERVALS: From 20 ft. to 31.5 ft., From . . . . . ft. to . . . . . ft. From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other . . . . . Grout Intervals: From top ft. to 20 ft., From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft. What is the nearest source of possible contamination: 10 Livestock pens Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage . . . . . Direction from well? N How many feet? 1000																																																																																									
<table border="1"><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>4</td><td>sandy topsoil</td><td></td><td></td><td>215-315</td></tr><tr><td>4</td><td>8</td><td>clay</td><td></td><td></td><td>5" Eagle PVC 1120 SDR-17 250 PSI</td></tr><tr><td>8</td><td>19</td><td>brown clay</td><td></td><td></td><td>73°F ASTM D2241 Well Casing IC-0</td></tr><tr><td>19</td><td>22</td><td>sand</td><td></td><td></td><td>ASTM F480-89 13L101 Hastings NE</td></tr><tr><td>22</td><td>55</td><td>white clay</td><td></td><td></td><td>02:39 01148</td></tr><tr><td>55</td><td>70</td><td>brown clay</td><td></td><td></td><td></td></tr><tr><td>70</td><td>128</td><td>sand + gravel</td><td></td><td></td><td>Top to 215</td></tr><tr><td>128</td><td>132</td><td>brown clay</td><td></td><td></td><td>Certainsteel 5" SDR 21140 PVC</td></tr><tr><td>132</td><td>148</td><td>sand + gravel</td><td></td><td></td><td>Well Casing IC-1 ASTM F480-02</td></tr><tr><td>148</td><td>156</td><td>brown clay</td><td></td><td></td><td>NSF-WC MOSKIKI WC 054244</td></tr><tr><td>156</td><td>268</td><td>gravel w/stratified clay</td><td></td><td></td><td></td></tr><tr><td>268</td><td>290</td><td>blue clay</td><td></td><td></td><td></td></tr><tr><td>290</td><td>315</td><td>sand + gravel</td><td></td><td></td><td></td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	4	sandy topsoil			215-315	4	8	clay			5" Eagle PVC 1120 SDR-17 250 PSI	8	19	brown clay			73°F ASTM D2241 Well Casing IC-0	19	22	sand			ASTM F480-89 13L101 Hastings NE	22	55	white clay			02:39 01148	55	70	brown clay				70	128	sand + gravel			Top to 215	128	132	brown clay			Certainsteel 5" SDR 21140 PVC	132	148	sand + gravel			Well Casing IC-1 ASTM F480-02	148	156	brown clay			NSF-WC MOSKIKI WC 054244	156	268	gravel w/stratified clay				268	290	blue clay				290	315	sand + gravel			
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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) 12-2-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 101 This Water Well Record was completed on (mo/day/yr) 12-11-03 under the business name of Bartel Well Drilling Inc. by (signature) Rendon J. Bartel																																																																																									
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 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.																																																																																									