

1 LOCATION OF WATER WELL: County: BUTLER		Fraction SE 1/4 SW 1/4 SW 1/4		Section Number 18		Township Number T 27 S		Range Number 3 E E																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? Observation Well #4 West edge of Andover, Kansas																																																																																																									
2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :		Messener Enterprises 450 North 159th East Wichita, Kansas 67230				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: 100 ft. ELEVATION:																																																																																																							
		Depth(s) Groundwater Encountered 1. 18 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 18 ft. below land surface measured on mo/day/yr 3-24-86 Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 6 in. to ft., and in. to ft. 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 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes.....No...XX...; If yes, mo/day/yr sample was submitted Water Well Disinfected? YesXX No																																																																																																							
		5 TYPE OF BLANK CASING USED:																																																																																																							
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued XX Clamped 2 PVC 160 4 ABS 30 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 18 in., weight 43 lbs./ft. Wall thickness or gauge No. 091																																																																																																							
		TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 160 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify)																																																																																																							
SCREEN-PERFORATED INTERVALS: From 30 ft. to 100 ft., From 20 ft. to 100 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 100 ft., From ft. to ft., From ft. to ft.																																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																									
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What is the nearest source of possible contamination:																																																																																																									
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage None Apparent																																																																																																									
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>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>5</td> <td>Topsoil and red clay</td> <td>75</td> <td>80</td> <td>Blue shale</td> </tr> <tr> <td>5</td> <td>10</td> <td>Red and tan clay</td> <td>80</td> <td>85</td> <td>Blue shale</td> </tr> <tr> <td>10</td> <td>15</td> <td>Tan clay and sandstone</td> <td>85</td> <td>90</td> <td>Blue shale</td> </tr> <tr> <td>15</td> <td>20</td> <td>Sandstone and tan clay</td> <td>90</td> <td>95</td> <td>Blue and gray shale</td> </tr> <tr> <td>20</td> <td>25</td> <td>Sandstone</td> <td>95</td> <td>100</td> <td>Gray shale and limestone</td> </tr> <tr> <td>25</td> <td>30</td> <td>Sandstone and gray clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>35</td> <td>Tan and gray shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>40</td> <td>Gray Shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>45</td> <td>Gray shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45</td> <td>50</td> <td>Gray shale and sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>55</td> <td>Blue shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>55</td> <td>60</td> <td>Blue shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>60</td> <td>65</td> <td>Blue shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>65</td> <td>70</td> <td>Blue shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>70</td> <td>75</td> <td>Blue shale</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	5	Topsoil and red clay	75	80	Blue shale	5	10	Red and tan clay	80	85	Blue shale	10	15	Tan clay and sandstone	85	90	Blue shale	15	20	Sandstone and tan clay	90	95	Blue and gray shale	20	25	Sandstone	95	100	Gray shale and limestone	25	30	Sandstone and gray clay				30	35	Tan and gray shale				35	40	Gray Shale				40	45	Gray shale				45	50	Gray shale and sandstone				50	55	Blue shale				55	60	Blue shale				60	65	Blue shale				65	70	Blue shale				70	75	Blue shale			
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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) 3-24-86 and this record is true to the best of my knowledge and belief. Kansas																																																																																																									
Water Well Contractor's License No. 236 This Water Well Record was completed on (mo/day/yr) 5-10-86																																																																																																									
under the business name of Harp Well & Pump Service, Inc. by (signature) Mary Arnold																																																																																																									
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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									