

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: BUTLER		NE 1/4 SW 1/4 NE 1/4		18		T 27 S		R 3 E E																																																																																																	
Distance and direction from nearest town or city street address of well if located within city?																																																																																																									
Observation Well #1 West edge of Andover, Kansas																																																																																																									
2 WATER WELL OWNER:																																																																																																									
Messener Enterprises																																																																																																									
RR#, St. Address, Box # : 450 No. 159th East																																																																																																									
City, State, ZIP Code : 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. 42' 9" 2. 42' 9" 3. 42' 9" ft.																																																																																																				
					WELL'S STATIC WATER LEVEL 42' 9" 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 <u>XX</u> ; If yes, mo/day/yr sample was submitted																																																																																																									
Water Well Disinfected? Yes <u>XX</u> No																																																																																																									
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>XX</u> Clamped																																																																																																									
2 <u>PVC</u> 160 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																																									
7 Fiberglass Threaded																																																																																																									
Blank casing diameter 2 in. to 30 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 <u>PVC</u> 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 <u>Saw cut</u> 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 _____ ft. to _____ ft.																																																																																																									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																																									
GRAVEL PACK INTERVALS: From 20 ft. to 100 ft., From _____ ft. to _____ ft.																																																																																																									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																																									
6 GROUT MATERIAL:																																																																																																									
1 Neat cement 2 <u>Cement grout</u> 3 Bentonite 4 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:																																																																																																									
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 Clay</td> <td>75</td> <td>80</td> <td>Gray shale and sandstone</td> </tr> <tr> <td>5</td> <td>10</td> <td>Tan clay</td> <td>80</td> <td>85</td> <td>Gray shale</td> </tr> <tr> <td>10</td> <td>15</td> <td>Tan Clay and Sandstone</td> <td>85</td> <td>90</td> <td>Gray and blue shale</td> </tr> <tr> <td>15</td> <td>20</td> <td>Sandstone and light cream color clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>25</td> <td>Greenish tan clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>30</td> <td>Tan Clay and Sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>35</td> <td>Greenish Clay</td> <td>90</td> <td>95</td> <td>Gray Shale and blue shale</td> </tr> <tr> <td>35</td> <td>40</td> <td>Greenish Clay and sandstone</td> <td>95</td> <td>100</td> <td>Gray shale and limestone</td> </tr> <tr> <td>40</td> <td>45</td> <td>Greenish gray clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45</td> <td>50</td> <td>Gray Clay and sandstone</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>55</td> <td>Sandstone and tan shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>55</td> <td>60</td> <td>Tan and blue shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>60</td> <td>65</td> <td>Tan and 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 and gray shale</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	5	Topsoil and Clay	75	80	Gray shale and sandstone	5	10	Tan clay	80	85	Gray shale	10	15	Tan Clay and Sandstone	85	90	Gray and blue shale	15	20	Sandstone and light cream color clay				20	25	Greenish tan clay				25	30	Tan Clay and Sandstone				30	35	Greenish Clay	90	95	Gray Shale and blue shale	35	40	Greenish Clay and sandstone	95	100	Gray shale and limestone	40	45	Greenish gray clay				45	50	Gray Clay and sandstone				50	55	Sandstone and tan shale				55	60	Tan and blue shale				60	65	Tan and blue shale				65	70	Blue shale				70	75	Blue and gray 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.																																																																																																									