

1 LOCATION OF WATER WELL: County: BUTLER		Fraction SW 1/4 SW 1/4 SW 1/4		Section Number 18		Township Number T 27 S		Range Number R 3 E EW																																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile West of Andover, Kansas																																																																																																																									
2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :		Messener Enterprises 450 North 159th St. East Wichita, Kansas 67230				Board of Agriculture, Division of Water Resources Application Number: 38098																																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 100 ft. ELEVATION:																																																																																																																							
<div style="text-align: center;">N 1 Mile W E S</div>		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																																																							
		WELL'S STATIC WATER LEVEL 13.37 ft. below land surface measured on mo/day/yr 7-21-86																																																																																																																							
		Pump test data: Well water was 41.52 ft. after 6. hours pumping 100 gpm																																																																																																																							
		Est. Yield gpm: Well water was ft. after hours pumping gpm																																																																																																																							
		Bore Hole Diameter 12. 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 golf course pond																																																																																																																									
Was a chemical/bacteriological sample submitted to Department? Yes No XX; If yes, mo/day/yr sample was sub- mitted Water Well Disinfected? Yes XX 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 PSI 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																																																																																																																									
7 Fiberglass Threaded																																																																																																																									
Blank casing diameter 8. in. to 24. ft., Dia. in. to ft., Dia. in. to ft.																																																																																																																									
Casing height above land surface 18. in., weight 5.47 lbs./ft. Wall thickness or gauge No. 332																																																																																																																									
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																																																									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 160 PSI 10 Asbestos-cement																																																																																																																									
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)																																																																																																																									
9 ABS 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 24 ft. to 100 ft., From ft. to ft.																																																																																																																									
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GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.																																																																																																																									
From ft. to ft., From ft. to ft.																																																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																																									
Grout intervals: From 4 ft. to 24 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) none apparent																																																																																																																									
13 Insecticide storage																																																																																																																									
Direction from well? How many feet?																																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th colspan="2">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></td><td>Brown and Tan Clay</td><td>75</td><td>80</td><td>Blue shale</td></tr><tr><td>5</td><td>10</td><td></td><td>tan Clay</td><td>80</td><td>85</td><td>Blue and gray shale</td></tr><tr><td>10</td><td>15</td><td></td><td>Gray clay and sandstone</td><td>85</td><td>90</td><td>Gray shale</td></tr><tr><td>15</td><td>20</td><td></td><td>Sandstone and brown clay</td><td>90</td><td>95</td><td>gray shale</td></tr><tr><td>20</td><td>25</td><td></td><td>Gray clay</td><td>95</td><td>100</td><td>Gray shale and limestone</td></tr><tr><td>25</td><td>30</td><td></td><td>Gray clay</td><td></td><td></td><td></td></tr><tr><td>30</td><td>35</td><td></td><td>Gray shale and sandstone</td><td></td><td></td><td></td></tr><tr><td>35</td><td>40</td><td></td><td>Gray and blue shale</td><td></td><td></td><td></td></tr><tr><td>40</td><td>45</td><td></td><td>Blue shale</td><td></td><td></td><td></td></tr><tr><td>45</td><td>50</td><td></td><td>Blue and gray shale</td><td></td><td></td><td></td></tr><tr><td>50</td><td>55</td><td></td><td>Blue shale</td><td></td><td></td><td></td></tr><tr><td>55</td><td>60</td><td></td><td>Blue shale</td><td></td><td></td><td></td></tr><tr><td>60</td><td>65</td><td></td><td>Blue Shale</td><td></td><td></td><td></td></tr><tr><td>65</td><td>70</td><td></td><td>Blue shale</td><td></td><td></td><td></td></tr><tr><td>70</td><td>75</td><td></td><td>Blue shale</td><td></td><td></td><td></td></tr></tbody></table>										FROM		TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	5		Brown and Tan Clay	75	80	Blue shale	5	10		tan Clay	80	85	Blue and gray shale	10	15		Gray clay and sandstone	85	90	Gray shale	15	20		Sandstone and brown clay	90	95	gray shale	20	25		Gray clay	95	100	Gray shale and limestone	25	30		Gray clay				30	35		Gray shale and sandstone				35	40		Gray and blue shale				40	45		Blue shale				45	50		Blue and gray shale				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) 7-21-86 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) 11-20-86 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.																																																																																																																									