

1 LOCATION OF WATER WELL:		Fraction	Section Number		Township Number		Range Number																																																																																																	
County: <u>Johnson</u>		NW ¼ NE ¼ NE ¼	6		T 12 S		R 25 <u>EW</u>																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <u>3605 Merriam Lane, Overland Park, Kansas</u> MW-1																																																																																																								
2 WATER WELL OWNER: <u>Total Petroleum</u>																																																																																																								
RR#, St. Address, Box # : <u>1019 Burlington</u> Board of Agriculture, Division of Water Resources																																																																																																								
City, State, ZIP Code : <u>North Kansas City, Missouri 64116</u> Application Number:																																																																																																								
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: <u>20.0</u> ft. ELEVATION:																																																																																																					
<div style="text-align: center;"><p>1 Mile</p></div>			Depth(s) Groundwater Encountered <u>1 Dry</u>																																																																																																					
			WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr																																																																																																					
			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 <u>6</u> in. to ft., and in. to ft.																																																																																																					
WELL WATER TO BE USED AS:																																																																																																								
1 Domestic			3 Feedlot		6 Oil field water supply		9 Dewatering																																																																																																	
2 Irrigation			4 Industrial		7 Lawn and garden only		10 Observation well																																																																																																	
Was a chemical/bacteriological sample submitted to Department? Yes <u>10</u> No; If yes, mo/day/yr sample was submitted																																																																																																								
Water Well Disinfected? Yes No <u>X</u>																																																																																																								
5 TYPE OF BLANK CASING USED:																																																																																																								
1 Steel			3 RMP (SR)		5 Wrought iron		8 Concrete tile																																																																																																	
2 PVC			4 ABS		6 Asbestos-Cement		9 Other (specify below)																																																																																																	
Blank casing diameter <u>2</u> in. to ft., Dia			7 Fiberglass		CASING JOINTS: Glued Clamped		Welded																																																																																																	
Casing height above land surface <u>24</u> in., weight			8 RMP (SR)		Threaded <u>X</u>		11 Injection well																																																																																																	
TYPE OF SCREEN OR PERFORATION MATERIAL:			9 ABS		10 Asbestos-cement		12 Other (Specify below)																																																																																																	
1 Steel			3 Stainless steel		5 Fiberglass		8 Saw cut																																																																																																	
2 Brass			4 Galvanized steel		6 Concrete tile		9 Drilled holes																																																																																																	
SCREEN OR PERFORATION OPENINGS ARE:			7 Torch cut		10 Other (specify)		11 None (open hole)																																																																																																	
1 Continuous slot			3 Mill slot		5 Gauzed wrapped		8 Saw cut																																																																																																	
2 Louvered shutter			4 Key punched		6 Wire wrapped		9 Drilled holes																																																																																																	
SCREEN-PERFORATED INTERVALS:			7 Torch cut		10 Other (specify)		11 None (open hole)																																																																																																	
From ft. to ft., From ft. to ft.			8 Saw cut		9 Drilled holes		11 None (open hole)																																																																																																	
GRAVEL PACK INTERVALS:			10 Other (specify)		11 None (open hole)		12 None used (open hole)																																																																																																	
From <u>4.5</u> ft. to <u>20.0</u> ft., From ft. to ft.			11 None (open hole)		12 None used (open hole)		13 Insecticide storage																																																																																																	
From <u>4.4</u> ft. to <u>20.0</u> ft., From ft. to ft.			12 None used (open hole)		13 Insecticide storage		14 Abandoned water well																																																																																																	
6 GROUT MATERIAL:																																																																																																								
1 Neat cement			2 Cement grout		3 Bentonite		4 Other																																																																																																	
Grout intervals: From <u>(3) 4.4</u> ft. to <u>2.9</u> ft., From <u>(2) 2.9</u> ft. to <u>0.0</u> ft., From ft. to ft.			7 Pit privy		10 Livestock pens		14 Abandoned water well																																																																																																	
What is the nearest source of possible contamination:			8 Sewage lagoon		11 Fuel storage		15 Oil well/Gas well																																																																																																	
1 Septic tank			9 Feedyard		12 Fertilizer storage		16 Other (specify below)																																																																																																	
2 Sewer lines			10 Livestock pens		13 Insecticide storage		17 Other (specify below)																																																																																																	
3 Watertight sewer lines			11 Fuel storage		14 Abandoned water well		18 Other (specify below)																																																																																																	
4 Lateral lines			12 Fertilizer storage		15 Oil well/Gas well		19 Other (specify below)																																																																																																	
5 Cess pool			13 Insecticide storage		16 Other (specify below)		20 Other (specify below)																																																																																																	
6 Seepage pit			14 Abandoned water well		17 Other (specify below)		21 Other (specify below)																																																																																																	
Direction from well? <u>East</u>			15 Oil well/Gas well		18 Other (specify below)		22 Other (specify below)																																																																																																	
How many feet? <u>25.0'</u>			16 Other (specify below)		19 Other (specify below)		23 Other (specify below)																																																																																																	
<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>0.0</td><td>1.0</td><td>Brown silty clay with vegetation</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>Moist, medium, plastic</td><td></td><td></td><td></td></tr><tr><td>1.0</td><td>2.0</td><td>Red-brown silty clay Moist,</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>medium, plastic</td><td></td><td></td><td></td></tr><tr><td>2.0</td><td>5.0</td><td>Black silty clay Very moist,</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>soft, plastic</td><td></td><td></td><td></td></tr><tr><td>5.0</td><td>6.5</td><td>Gray-brown silty clay Moist,</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>medium, plastic</td><td></td><td></td><td></td></tr><tr><td>6.5</td><td>10.0</td><td>Same material</td><td></td><td></td><td></td></tr><tr><td>10.0</td><td>16.5</td><td>Brown mottled gray-brown silty</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>clay Moist, medium, plastic</td><td></td><td></td><td></td></tr><tr><td>16.5</td><td>20.0</td><td>Dark rust-brown mottled gray-brown</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>silty clay Moist, medium,</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>plastic</td><td></td><td></td><td></td></tr><tr><td></td><td>20.0</td><td>Termination of boring</td><td></td><td></td><td></td></tr></tbody></table>									FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0.0	1.0	Brown silty clay with vegetation						Moist, medium, plastic				1.0	2.0	Red-brown silty clay Moist,						medium, plastic				2.0	5.0	Black silty clay Very moist,						soft, plastic				5.0	6.5	Gray-brown silty clay Moist,						medium, plastic				6.5	10.0	Same material				10.0	16.5	Brown mottled gray-brown silty						clay Moist, medium, plastic				16.5	20.0	Dark rust-brown mottled gray-brown						silty clay Moist, medium,						plastic					20.0	Termination of boring			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , <u>(2) reconstructed</u> , or <u>(3) plugged</u> under my jurisdiction and was completed on (mo/day/year) <u>5-18-87</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>438A</u> This Water Well Record was completed on (mo/day/yr) <u>5-20-87</u> under the business name of <u>Kansas City Testing Laboratory</u> by (signature) <u>[Signature]</u>																																																																																																								
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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																																																								