

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																													
County: Sedgwick		SW 1/4 NW 1/4 NE 1/4		34		T 28 S		R 1 EW																																																													
Distance and direction from nearest town or city street address of well if located within city?																																																																					
4000' SE 6200 S. Ridge Road; Wichita, KS					40875106 MW-2A (South Well)																																																																
2 WATER WELL OWNER: Vulcan Chemicals																																																																					
RR#, St. Address, Box #: P.O. Box 12283					Board of Agriculture, Division of Water Resources																																																																
City, State, ZIP Code: Wichita, KS 67277					Application Number:																																																																
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 98 ft. ELEVATION: Approx. Surface 1305																																																																			
		Depth(s) Groundwater Encountered 1. 37 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 47.0 ft. below land surface measured on mo/day/yr 10/28/87 Pump test data: Well water was ft. after hours pumping gpm Est. Yield N/A gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 8.5 in. to 98 ft. and in. to ft. WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No X																																																																			
		5 TYPE OF BLANK CASING USED:																																																																			
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass 316 Stainless Steel Threaded X																																																																			
		Blank casing diameter 2 in. to 88 ft. Dia. in. to ft. Dia. in. to ft. Casing height above land surface 21 in. weight lbs./ft. Wall thickness or gauge No. Schedule 5/40																																																																			
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																					
1 Steel 3 Stainless steel 316 5 Fiberglass 7 PVC 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 10 Other (specify)																																																																					
SCREEN-PERFORATED INTERVALS: From 88 ft. to 98 ft. From ft. to ft.																																																																					
GRAVEL PACK INTERVALS: From 86 ft. to 98 ft. From ft. to ft.																																																																					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																					
Grout intervals: From 0 ft. to 78 ft. From 78 ft. to 86 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) Landfill Direction from well? Northwest How many feet? 1700																																																																					
<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>9'</td> <td>Brown Silty Lean Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9'</td> <td>18'</td> <td>Red-Brown Lean Clay With Silty Fine Sand, Trace Calcareous Material</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18'</td> <td>23.5'</td> <td>Red-Brown Silty Fine Sand, Trace Gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23.5'</td> <td>29'</td> <td>Red-Brown Fine to Coarse Sand, Trace Gravel With Occasional Clay Seams</td> <td></td> <td></td> <td></td> </tr> <tr> <td>29'</td> <td>37'</td> <td>Light Red-Brown Fine to Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>37'</td> <td>73.5'</td> <td>Brown to Tan Fine to Medium Sand With Occasional Clay Seams</td> <td></td> <td></td> <td></td> </tr> <tr> <td>73.5'</td> <td>80.5'</td> <td>Reddish Gray Fat Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>80.5'</td> <td>97'</td> <td>Brown Fine to Medium Sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>97'</td> <td>98'</td> <td>Dark Gray Shale</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0'	9'	Brown Silty Lean Clay				9'	18'	Red-Brown Lean Clay With Silty Fine Sand, Trace Calcareous Material				18'	23.5'	Red-Brown Silty Fine Sand, Trace Gravel				23.5'	29'	Red-Brown Fine to Coarse Sand, Trace Gravel With Occasional Clay Seams				29'	37'	Light Red-Brown Fine to Medium Sand				37'	73.5'	Brown to Tan Fine to Medium Sand With Occasional Clay Seams				73.5'	80.5'	Reddish Gray Fat Clay				80.5'	97'	Brown Fine to Medium Sand				97'	98'	Dark 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) 10/19/87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 11-17-87 under the business name of Terracon Consultants, Inc. by signature [Signature]																																																																					
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.																																																																					