

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: <b>Rice</b>		<b>NE 1/4 NW 1/4 NW 1/4</b>		<b>9</b>		<b>T 20 S</b>		<b>R 8 E/W</b>																																																																																																	
Distance and direction from nearest town or city street address of well if located within city? <b>3/4 mile W of Grand &amp; American, S into field</b>																																																																																																									
2 WATER WELL OWNER: <b>Lyons Salt Co.</b>																																																																																																									
RR#, St. Address, Box # : <b>1660 Avenue N</b>					Board of Agriculture, Division of Water Resources																																																																																																				
City, State, ZIP Code : <b>Lyons, Kansas 67554</b>					Application Number:																																																																																																				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: <b>250</b> ft. ELEVATION: <b>1664.1</b>																																																																																																						
			Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.																																																																																																						
			WELL'S STATIC WATER LEVEL: <b>234.3</b> ft. below land surface measured on mo/day/yr: <b>10/2/2009</b>																																																																																																						
			Pump test data: Well water was <b>NA</b> ft. after .... hours pumping .... gpm																																																																																																						
			Est. Yield <b>NA</b> gpm: Well water was .... ft. after .... hours pumping .... gpm																																																																																																						
			Bore Hole Diameter <b>14</b> in. to <b>85</b> ft. and <b>10</b> in. to <b>225</b> 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 <b>10</b> Monitoring well																																																																																																									
Was a chemical/bacteriological sample submitted to Department? Yes.....No <input checked="" type="checkbox"/> ; If yes, mo/day/yr sample was submitted																																																																																																									
Water Well Disinfected? Yes No <input checked="" type="checkbox"/>																																																																																																									
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped .....																																																																																																									
<b>2</b> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....																																																																																																									
7 Fiberglass Threaded .....																																																																																																									
Blank casing diameter <b>10</b> in. to <b>85</b> ft. Dia. <b>6</b> in. to <b>225</b> ft. Dia. .... in. to .... ft.																																																																																																									
Casing height above land surface <b>39.6</b> in., weight .... lbs./ft. Wall thickness or gauge No. <b>Sch. 40</b>																																																																																																									
TYPE OF SCREEN OR PERFORATION MATERIAL																																																																																																									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement																																																																																																									
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) .....																																																																																																									
<b>12</b> None used (open hole)																																																																																																									
SCREEN OR PERFORATION OPENINGS ARE:																																																																																																									
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut <b>11</b> 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 <b>225</b> ft. to <b>250</b> ft. From .... ft. to .... ft.																																																																																																									
GRAVEL PACK INTERVALS: From .... ft. to .... ft. From .... ft. to .... ft.																																																																																																									
6 GROUT MATERIAL: 1 Neat cement <b>2</b> Cement grout 3 Bentonite 4 Other .....																																																																																																									
Grout intervals: From <b>0</b> ft. to <b>225</b> 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 <b>16</b> Other (specify below)																																																																																																									
<b>N/A</b>																																																																																																									
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>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>3</td> <td>Topsoil,</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>25</td> <td>Clay, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>40</td> <td>Clay, w/sand stringers, Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>45</td> <td>Sand,</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45</td> <td>84</td> <td>Clay, w/sand stringers, Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>84</td> <td>85</td> <td>Clay, hard, poss. shale, Tan</td> <td></td> <td></td> <td>6" bore hole 225-250'</td> </tr> <tr> <td>85</td> <td>95</td> <td>Shale, weathered, Lt. Tan</td> <td></td> <td></td> <td></td> </tr> <tr> <td>95</td> <td>230</td> <td>Shale, Red</td> <td></td> <td></td> <td></td> </tr> <tr> <td>230</td> <td>234.5</td> <td>Shale, w/tr. mottled green, Red Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>234.5</td> <td>235</td> <td>Dolomite, Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>235</td> <td>239</td> <td>Shale, Red Brown mottled Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>239</td> <td>243</td> <td>Anhydrite, V. Lt. Gray to Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>243</td> <td>245</td> <td>Dolomite w/Anhydrite, Lt. Gray Brown to sl.</td> <td></td> <td></td> <td>LSM-9-G,</td> </tr> <tr> <td>245</td> <td>247</td> <td>Shale, Blue Gray to Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>247</td> <td>250</td> <td>Shale, w/ med. gray vf sandstone, Red Brown</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	3	Topsoil,				3	25	Clay, Brown				25	40	Clay, w/sand stringers, Tan				40	45	Sand,				45	84	Clay, w/sand stringers, Tan				84	85	Clay, hard, poss. shale, Tan			6" bore hole 225-250'	85	95	Shale, weathered, Lt. Tan				95	230	Shale, Red				230	234.5	Shale, w/tr. mottled green, Red Brown				234.5	235	Dolomite, Gray				235	239	Shale, Red Brown mottled Gray				239	243	Anhydrite, V. Lt. Gray to Gray				243	245	Dolomite w/Anhydrite, Lt. Gray Brown to sl.			LSM-9-G,	245	247	Shale, Blue Gray to Green				247	250	Shale, w/ med. gray vf sandstone, Red Brown			
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS																																																																																																				
0	3	Topsoil,																																																																																																							
3	25	Clay, Brown																																																																																																							
25	40	Clay, w/sand stringers, Tan																																																																																																							
40	45	Sand,																																																																																																							
45	84	Clay, w/sand stringers, Tan																																																																																																							
84	85	Clay, hard, poss. shale, Tan			6" bore hole 225-250'																																																																																																				
85	95	Shale, weathered, Lt. Tan																																																																																																							
95	230	Shale, Red																																																																																																							
230	234.5	Shale, w/tr. mottled green, Red Brown																																																																																																							
234.5	235	Dolomite, Gray																																																																																																							
235	239	Shale, Red Brown mottled Gray																																																																																																							
239	243	Anhydrite, V. Lt. Gray to Gray																																																																																																							
243	245	Dolomite w/Anhydrite, Lt. Gray Brown to sl.			LSM-9-G,																																																																																																				
245	247	Shale, Blue Gray to Green																																																																																																							
247	250	Shale, w/ med. gray vf sandstone, Red Brown																																																																																																							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>1</b> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>6/9/2009</b> and this record is true to the best of my knowledge and belief.																																																																																																									
Kansas Water Well Contractor's License No. <b>527</b> This Water Well Record was completed on (mo/day/yr) <b>10/7/2009</b>																																																																																																									
under the business name of <b>GeoCore, Inc.</b> by (signature) <i>Joe Bell</i>																																																																																																									