

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number																																																																																																
County: Cowley		SW ¼ NE ¼ SW ¼	32	T 34 S	R 4 E/V																																																																																																
Distance and direction from nearest town or city street address of well if located within city? 1400 So. M St., Arkansas City																																																																																																					
2 WATER WELL OWNER: MRP Properties Company, LLC																																																																																																					
RR#, St. Address, Box # 1400 South M Street			Board of Agriculture, Division of Water Resources																																																																																																		
City, State, ZIP Code Arkansas City, KS 67005			Application Number:																																																																																																		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 36 ft. ELEVATION: 1064.64																																																																																																			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																																			
		WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr																																																																																																			
		Pump test data: Well water was NA ft. after hours pumping gpm																																																																																																			
		Est. Yield NA gpm: Well water was ft. after hours pumping gpm																																																																																																			
		Bore Hole Diameter 8 in. to 36 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 Monitoring well																																																																																																			
Was a chemical/bacteriological sample submitted to Department? Yes.....No✓		If yes, mo/day/yr sample was submitted																																																																																																			
Water Well Disinfected? Yes No ✓																																																																																																					
5 TYPE OF BLANK CASING USED:																																																																																																					
1 Steel		3 RMP (SR)		5 Wrought iron																																																																																																	
2 PVC		4 ABS		6 Asbestos-Cement																																																																																																	
		7 Fiberglass		8 Concrete tile																																																																																																	
Blank casing diameter 2 in. to 26 ft., Dia		in. to ft., Dia		CASING JOINTS: Glued Clamped																																																																																																	
Casing height above land surface 33.84 in., weight		lbs./ft. Wall thickness or gauge No. Sch. 40		Welded																																																																																																	
TYPE OF SCREEN OR PERFORATION MATERIAL		7 PVC																																																																																																			
1 Steel		3 Stainless steel		10 Asbestos-cement																																																																																																	
2 Brass		4 Galvanized steel		11 Other (specify)																																																																																																	
5 Fiberglass		8 RMP (SR)																																																																																																			
6 Concrete tile		9 ABS																																																																																																			
12 None used (open hole)																																																																																																					
SCREEN OR PERFORATION OPENINGS ARE:																																																																																																					
1 Continuous slot		3 Mill slot		5 Gauzed wrapped																																																																																																	
2 Louvered shutter		4 Key punched		6 Wire wrapped																																																																																																	
				7 Torch cut																																																																																																	
				8 Saw cut																																																																																																	
				9 Drilled holes																																																																																																	
				10 Other (specify)																																																																																																	
				11 None (open hole)																																																																																																	
SCREEN-PERFORATED INTERVALS:																																																																																																					
From 26 ft. to 36 ft.		From ft. to ft.																																																																																																			
From ft. to ft.		From ft. to ft.																																																																																																			
GRAVEL PACK INTERVALS:																																																																																																					
From 24 ft. to 36 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 Concrete																																																																																																	
Grout Intervals: From 0 ft. to 3 ft.		From 3 ft. to 24 ft.		From ft. to ft.																																																																																																	
What is the nearest source of possible contamination:																																																																																																					
1 Septic tank		4 Lateral lines		10 Livestock pens																																																																																																	
2 Sewer lines		5 Cess pool		11 Fuel storage																																																																																																	
3 Watertight sewer lines		6 Seepage pit		12 Fertilizer storage																																																																																																	
		7 Pit privy		13 Insecticide storage																																																																																																	
		8 Sewage lagoon		14 Abandoned water well																																																																																																	
		9 Feedyard		15 Oil well/Gas well																																																																																																	
				16 Other (specify below)																																																																																																	
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>2.5</td> <td>Clay, silty, Brown</td> <td>15</td> <td>17.5</td> <td>No Recovery,</td> </tr> <tr> <td>2.5</td> <td>3.5</td> <td>Silt, clayey, Brown</td> <td>17.5</td> <td>20</td> <td>Sand, f-m, Lt. Olive Gray</td> </tr> <tr> <td>3.5</td> <td>7.5</td> <td>Clay, silty, w/little gravel, Brown to Dark Bro</td> <td>20</td> <td>23.75</td> <td>Sand, m, Dark Brown</td> </tr> <tr> <td>7.5</td> <td>8.25</td> <td>Sand, f, silty, Dark Gray Brown</td> <td>23.75</td> <td>24</td> <td>Sand, m w/c, Dark Gray</td> </tr> <tr> <td>8.25</td> <td>8.5</td> <td>Tar (like), v. hard, w/gravel,</td> <td>24</td> <td>24.25</td> <td>Sand, f, Dark Gray</td> </tr> <tr> <td>8.5</td> <td>9</td> <td>Sand, f, Dark Brown</td> <td>24.25</td> <td>29</td> <td>Sand, f-m, Lt. Gray</td> </tr> <tr> <td>9</td> <td>10</td> <td>Silt w/Clay and Sand, Gray Brown</td> <td>29</td> <td>29.5</td> <td>Sand, m-f, Gray Brown</td> </tr> <tr> <td>10</td> <td>10.5</td> <td>Sand, f, Gray</td> <td>29.5</td> <td>30</td> <td>Sand, m-c, w/cobble,</td> </tr> <tr> <td>10.5</td> <td>11.25</td> <td>Silt, sandy, Brown to Gray</td> <td>30</td> <td>37</td> <td>Sand, m-c, w/Silt,</td> </tr> <tr> <td>11.25</td> <td>11.5</td> <td>Clay, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11.5</td> <td>12</td> <td>Silt w/Sand and Clay, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>12.5</td> <td>Clay, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>12.5</td> <td>13</td> <td>Silt w/Sand and Clay, Brown</td> <td></td> <td></td> <td>MW-35C, Abovegrade</td> </tr> <tr> <td>13</td> <td>13.5</td> <td>Clay w/silty sand layer at 13.5, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13.5</td> <td>15</td> <td>Sand, f-m, Lt. Gray Tan to Lt. Olive Gray</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2.5	Clay, silty, Brown	15	17.5	No Recovery,	2.5	3.5	Silt, clayey, Brown	17.5	20	Sand, f-m, Lt. Olive Gray	3.5	7.5	Clay, silty, w/little gravel, Brown to Dark Bro	20	23.75	Sand, m, Dark Brown	7.5	8.25	Sand, f, silty, Dark Gray Brown	23.75	24	Sand, m w/c, Dark Gray	8.25	8.5	Tar (like), v. hard, w/gravel,	24	24.25	Sand, f, Dark Gray	8.5	9	Sand, f, Dark Brown	24.25	29	Sand, f-m, Lt. Gray	9	10	Silt w/Clay and Sand, Gray Brown	29	29.5	Sand, m-f, Gray Brown	10	10.5	Sand, f, Gray	29.5	30	Sand, m-c, w/cobble,	10.5	11.25	Silt, sandy, Brown to Gray	30	37	Sand, m-c, w/Silt,	11.25	11.5	Clay, Brown				11.5	12	Silt w/Sand and Clay, Brown				12	12.5	Clay, Brown				12.5	13	Silt w/Sand and Clay, Brown			MW-35C, Abovegrade	13	13.5	Clay w/silty sand layer at 13.5, Brown				13.5	15	Sand, f-m, Lt. Gray Tan to Lt. Olive Gray			
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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) 10/11/2013 and this record is true to the best of my knowledge and belief.																																																																																																					
Kansas Water Well Contractor's License No. 527		This Water Well Record was completed on (mo/day/yr) 11/9/13																																																																																																			
under the business name of GeoCore, Inc.		by (signature) <i>Dee Bell</i>																																																																																																			