

1 LOCATION OF WATER WELL: County: McPherson		Fraction SE ¼ NW ¼ NE ¼	Section Number 5	Township Number T 20 S	Range Number R 3 E																																																																																										
Distance and direction from nearest town or city street address of well if located within city? 1391 Ironhorse Rd., McPherson																																																																																															
2 WATER WELL OWNER: National Cooperative Refinery Association RR#, St. Address, Box # : 1391 Ironhorse Road City, State, ZIP Code : McPherson, Kansas 67460 Board of Agriculture, Division of Water Resources Application Number:																																																																																															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div>		4 DEPTH OF COMPLETED WELL 111 ft. ELEVATION: 0 Depth(s) Groundwater Encountered 1. 88 ft. 2. 88 ft. 3. 88 ft. WELL'S STATIC WATER LEVEL 88 ft. below land surface measured on mo/day/yr Pump test data: Well water was NA ft. after NA hours pumping NA gpm Est. Yield NA gpm: Well water was NA ft. after NA hours pumping NA gpm Bore Hole Diameter 11 in. to 111 ft. and 11 in. to 111 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <input type="checkbox"/> 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 type="checkbox"/> Clamped <input type="checkbox"/> 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <input type="checkbox"/> 7 Fiberglass Threaded <input checked="" type="checkbox"/> Blank casing diameter 4 in. to 73 ft. Dia. 4 in. to 111 ft. Dia. 4 in. to 111 ft. Casing height above land surface 24 in. weight 4 lbs./ft. Wall thickness or gauge No. Sch. 40 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) <input type="checkbox"/> 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) <input type="checkbox"/> SCREEN-PERFORATED INTERVALS: From 73 ft. to 108 ft. From 73 ft. to 108 ft. From 73 ft. to 108 ft. From 73 ft. to 108 ft. GRAVEL PACK INTERVALS: From 71 ft. to 111 ft. From 71 ft. to 111 ft. From 71 ft. to 111 ft. From 71 ft. to 111 ft.																																																																																															
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <input type="checkbox"/> Grout Intervals: From 0 ft. to 2 ft. From 2 ft. to 67 ft. From 67 ft. to 71 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) Refinery 13 Insecticide storage 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>25</td><td>No cuttings returned,</td><td></td><td></td><td></td></tr> <tr><td>25</td><td>30</td><td>Clay, med. stiff, damp, Orangish Brown</td><td></td><td></td><td></td></tr> <tr><td>30</td><td>35</td><td>Clay, med. stiff, damp, Yellowish Brown</td><td></td><td></td><td></td></tr> <tr><td>35</td><td>40</td><td>Clay, silty, damp, Yellowish Brown</td><td></td><td></td><td></td></tr> <tr><td>40</td><td>45</td><td>Sand (fine), silty, moist, Brown</td><td></td><td></td><td></td></tr> <tr><td>45</td><td>50</td><td>Silt, clayey, med. stiff, damp, slight odor, Ligh</td><td></td><td></td><td></td></tr> <tr><td>50</td><td>55</td><td>Clay, silty, damp, Dark Gray</td><td></td><td></td><td></td></tr> <tr><td>55</td><td>60</td><td>Clay, silty, damp, no odor, Dark Gray</td><td></td><td></td><td></td></tr> <tr><td>60</td><td>65</td><td>Clay, silty, med. stiff, damp, Brownish Gray</td><td></td><td></td><td></td></tr> <tr><td>65</td><td>70</td><td>Clay, sandy (fine), damp, Brownish Gray</td><td></td><td></td><td></td></tr> <tr><td>70</td><td>75</td><td>Clay, sandy (med.), moist, Brownish Gray</td><td></td><td></td><td></td></tr> <tr><td>75</td><td>80</td><td>Clay, very stiff, sandy, damp, Brownish Gray</td><td></td><td></td><td></td></tr> <tr><td>80</td><td>85</td><td>Clay, silty, damp, Brown</td><td></td><td></td><td></td></tr> <tr><td>85</td><td>111</td><td>No cuttings returned,</td><td></td><td></td><td></td></tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	25	No cuttings returned,				25	30	Clay, med. stiff, damp, Orangish Brown				30	35	Clay, med. stiff, damp, Yellowish Brown				35	40	Clay, silty, damp, Yellowish Brown				40	45	Sand (fine), silty, moist, Brown				45	50	Silt, clayey, med. stiff, damp, slight odor, Ligh				50	55	Clay, silty, damp, Dark Gray				55	60	Clay, silty, damp, no odor, Dark Gray				60	65	Clay, silty, med. stiff, damp, Brownish Gray				65	70	Clay, sandy (fine), damp, Brownish Gray				70	75	Clay, sandy (med.), moist, Brownish Gray				75	80	Clay, very stiff, sandy, damp, Brownish Gray				80	85	Clay, silty, damp, Brown				85	111	No cuttings returned,			
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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) 8/13/2004 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) 9/6/04 under the business name of GeoCore, Inc. by (signature) <i>Don [Signature]</i>																																																																																															
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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																															

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