

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																							
County: McPherson		NE ¼ SW ¼ SE ¼		5		T 20 S		R 3 EW																																																																																																							
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					Board of Agriculture, Division of Water Resources																																																																																																										
City, State, ZIP Code : McPherson, Kansas 67460					Application Number:																																																																																																										
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL 112 ft. ELEVATION: 1492.75																																																																																																												
			Depth(s) Groundwater Encountered 1. 89 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 112 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 <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 Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Blank casing diameter 8 in. to 72 ft. Dia in. to ft. Dia in. to ft. Casing height above land surface 25.32 in., weight lbs./ft. Wall thickness or gauge No. Sch. 80 TYPE OF SCREEN OR PERFORATION MATERIAL 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 72 ft. to 112 ft. From ft. to ft. GRAVEL PACK INTERVALS: From 66 ft. to 112 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 61 ft. From 61 ft. to 66 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) 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>4</td> <td>Pothole excavation,</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>5</td> <td>Clay, silty, Dark Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>10</td> <td>Clay, silty, Dark Brown/Gray</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>15</td> <td>Clay, silty, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>25</td> <td>Clay, silty, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>35</td> <td>Silt, clayey, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>40</td> <td>Clay, silty, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>45</td> <td>Silt, clayey, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45</td> <td>60</td> <td>Sand, silty, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>60</td> <td>75</td> <td>Sand, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>75</td> <td>80</td> <td>Sand, silty, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>80</td> <td>95</td> <td>Sand, Lt. Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>95</td> <td>112</td> <td>Sand, silty, Yellowish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ZL-04AR/LF-10R, Abovegrade</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Project Name: NCRA Refinery - Trihydro</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>GeoCore # 875, #</td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	4	Pothole excavation,				4	5	Clay, silty, Dark Brown				5	10	Clay, silty, Dark Brown/Gray				10	15	Clay, silty, Brown				15	25	Clay, silty, Lt. Brown				25	35	Silt, clayey, Lt. Brown				35	40	Clay, silty, Lt. Brown				40	45	Silt, clayey, Lt. Brown				45	60	Sand, silty, Lt. Brown				60	75	Sand, Lt. Brown				75	80	Sand, silty, Lt. Brown				80	95	Sand, Lt. Brown				95	112	Sand, silty, Yellowish Brown									ZL-04AR/LF-10R, Abovegrade						Project Name: NCRA Refinery - Trihydro						GeoCore # 875, #
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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) 10/30/2006 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) 12/14/2006																																																																																																															
under the business name of GeoCore, Inc. by (signature) <i>Dale Lohd</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.																																																																																																															