

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: McPherson		SW ¼ NE ¼ NE 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 117 ft. ELEVATION: 0																																																																																																							
		Depth(s) Groundwater Encountered 1. 95 ft. 2. 95 ft. 3. 95 ft.																																																																																																							
		WELL'S STATIC WATER LEVEL 95 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 8 in. to 11.7 ft. and 11.7 in. to 11.7 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 <input checked="" type="checkbox"/> If yes, mo/day/yr sample was submitted																																																																																																									
Water Well Disinfected? Yes <input checked="" 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 2 in. to 7.9 ft. Dia 2 in. to 11.7 ft. Dia 2 in. to 11.7 ft.																																																																																																									
Casing height above land surface 18 in., weight 18 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"/>																																																																																																									
9 ABS 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 79 ft. to 114 ft. From 79 ft. to 114 ft.																																																																																																									
GRAVEL PACK INTERVALS: From 76 ft. to 117 ft. From 76 ft. to 117 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 73 ft. From 73 ft. to 76 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 How many feet?																																																																																																									
Direction from well?																																																																																																									
<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>15</td> <td>No cuttings returned,</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td>20</td> <td>Clay, soft, moist, Reddish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>30</td> <td>Clay, soft, moist, Reddish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>40</td> <td>Clay, very soft, wet, Yellowish Orange</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>45</td> <td>Clay, soft, wet, Light Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>45</td> <td>50</td> <td>Sand (fine), silty, moist, Grayish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>60</td> <td>Sand, clayey, moist, Light Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>60</td> <td>75</td> <td>Clay, silty, soft, moist, Reddish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>75</td> <td>80</td> <td>Clay, sandy, soft, damp, Light Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>80</td> <td>85</td> <td>Clay, sandy, soft, moist, Light Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>85</td> <td>90</td> <td>Clay, sandy (fine to medium), Light Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>90</td> <td>117</td> <td>No cuttings returned,</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>MW72R-2, 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	15	No cuttings returned,				15	20	Clay, soft, moist, Reddish Brown				20	30	Clay, soft, moist, Reddish Brown				30	40	Clay, very soft, wet, Yellowish Orange				40	45	Clay, soft, wet, Light Brown				45	50	Sand (fine), silty, moist, Grayish Brown				50	60	Sand, clayey, moist, Light Brown				60	75	Clay, silty, soft, moist, Reddish Brown				75	80	Clay, sandy, soft, damp, Light Brown				80	85	Clay, sandy, soft, moist, Light Brown				85	90	Clay, sandy (fine to medium), Light Brown				90	117	No cuttings returned,									MW72R-2, 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) 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>One Kell</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.																																																																																																									

OFFICE USE ONLY

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