

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 E W
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: 0			
		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 11 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		5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped	
2 PVC		3 RMP (SR)	6 Asbestos-Cement	Welded	
4 ABS		7 Fiberglass	9 Other (specify below)	Threaded. <input checked="" type="checkbox"/>	
Blank casing diameter 4 in. to 74 ft., Dia 4 in. to 112 ft., Dia in. to ft.					
Casing height above land surface 18 in., weight 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)
			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)	
SCREEN-PERFORATED INTERVALS: From 74 ft. to 109 ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From 72 ft. to 112 ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From 0 ft. to 2 ft., From 2 ft. to 69 ft., From 69 ft. to 72 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	
Direction from well? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	25	No cuttings returned,			
25	35	Clay, very stiff, moist, Reddish Brown			
35	40	Clay, soft, moist, Yellow/Brown			
40	45	Clay, sandy, soft, moist, Yellow			
45	50	Clay, soft, moist, Yellow/Brown			
50	55	Clay, stiff, silty, damp, Yellow/Brown			
55	60	Clay, very soft, silty, damp, Orange/Brown			
60	65	Clay, soft, damp, Brown			
65	70	Clay, soft, sandy, damp, Light Brown			
70	85	Sand (fine), clayey, damp, Brown			
85	90	Sand (fine), clayey, damp, odor, Gray			
90	112	No cuttings returned,			
			MW83, Abovegrade		
			Project Name: NCRA Refinery - Trihydro		
			GeoCore # 875, #		
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>Dale Rolf</i>					