

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: McPherson		SE 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. 94 ft. 2. 94 ft. 3. 94 ft.						
			WELL'S STATIC WATER LEVEL 94 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 117 ft., and 11 in. to 117 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"/> Yes <input type="checkbox"/> No						
			Was a chemical/bacteriological sample submitted to Department? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
			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 79 ft., Dia 4 in. to 117 ft., Dia 4 in. to 117 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)									
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 79 ft. to 114 ft., From 79 ft. to 114 ft.									
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.									
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									
Grout intervals: From 0 ft to 2 ft From 2 ft to 5 ft From 5 ft to 74 ft From 74 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)									
13 Insecticide storage Refinery									
Direction from well? How many feet?									
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS				
0	15	No cuttings returned,							
15	20	Clay, hard, silty, dry, Reddish Brown							
20	25	Clay, hard, gravelly, dry, Reddish Brown							
25	30	Clay, stiff, gravelly, damp, Reddish Brown							
30	35	Clay, fat, damp, Reddish Brown							
35	40	Clay, gravelly, dry, Reddish Brown							
40	45	Clay, gravelly, dry, Light Brown							
45	55	Sand (fine), dry, Dark Brown							
55	65	Clay, soft, silty, damp to wet, Dark Brown							
65	80	Clay, silty, wet, Dark Brown							
80	90	Sand, gravelly, wet, Dark Brown							
90	95	Sand (med.), wet, Dark Brown							
95	117	No cuttings returned,							
					MW84, 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>Bob Kell</i>									

OFFICE USE ONLY

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NOV 29 2004
BUREAU OF WATER