

**CORRECTION(S) TO WATER WELL RECORD (WWC-5)**

(to rectify lacking or incorrect information)

County: McPherson

Location listed as:

Location changed to:

Section-Township-Range: 12-235-15W

5-205-3W

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  ): NW NE NE

NW NE NE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

verification method: Well address, area road map on internet,  
position on plat map, and McPherson South 1:24,000  
topo. map. initials: DRD date: 9/20/2005

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

✓ = Paumer

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <b>McPherson</b>	<b>NW ¼ NE ¼ NE ¼</b>	<b>12</b>	<b>T 23 S</b>	<b>R 15 E/W</b>

Distance and direction from nearest town or city street address of well if located within city?

**1391 Ironhorse Rd., McPherson**

2 WATER WELL OWNER: <b>National Cooperative Refinery Association</b>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # : <b>1391 Ironhorse Road</b>	Application Number:
City, State, ZIP Code : <b>McPherson, Kansas 67460</b>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL . . . . . <b>119</b> . . . . . ft. ELEVATION: . . . . .
	Depth(s) Groundwater Encountered 1. . . . . 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 . . . . . <b>NA</b> . . . . . ft. after . . . . . hours pumping . . . . . gpm Est. Yield . . . . . <b>NA</b> . . . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm Bore Hole Diameter . . . . . <b>10.5</b> . . . . . in. to . . . . . <b>125</b> . . . . . 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 <b>10</b> 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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued . . . . . Clamped . . . . .
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<b>2</b> PVC	4 ABS	7 Fiberglass	Welded . . . . .
Blank casing diameter . . . . . <b>5</b> . . . . . in. to . . . . . <b>81</b> . . . . . ft. Dia . . . . . in. to . . . . . ft. Dia . . . . . in. to . . . . . ft.			Threaded. <input checked="" type="checkbox"/>
Casing height above land surface . . . . . <b>18</b> . . . . . in., weight . . . . . lbs./ft. Wall thickness or gauge No. . . . . <b>Sch. 40</b>			
TYPE OF SCREEN OR PERFORATION MATERIAL	<b>7</b> PVC	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	<b>3</b> Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify)
SCREEN-PERFORATED INTERVALS: From . . . . . <b>81</b> . . . . . ft. to . . . . . <b>116</b> . . . . . ft. From . . . . . ft. to . . . . . ft.			
GRAVEL PACK INTERVALS: From . . . . . <b>73</b> . . . . . ft. to . . . . . <b>125</b> . . . . . ft. From . . . . . ft. to . . . . . ft.			

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	<b>3</b> Bentonite	<b>4</b> Other <b>Concrete</b>
Grout Intervals: From . . . . . <b>0</b> . . . . . ft. to . . . . . <b>1</b> . . . . . ft. From . . . . . <b>1</b> . . . . . ft. to . . . . . <b>73</b> . . . . . ft. From . . . . . ft. to . . . . . ft.				
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	
Direction from well?			How many feet? <b>0</b>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	15	Clay, silty, Reddish Brown	95	100	Sand (m), clean, Light Brown
15	20	Clay, silty/gravelly, Reddish Brown	100	105	Sand (c), gravelly, clean, Gray stiff clay @ 98'
20	25	Clay/Gravel, Reddish Brown	105	110	Sand (c), clayey, low plasticity,
25	30	Clay, gravelly, Brown	110	125	Sand (coarse, some fine), gravelly,
30	35	Clay, gravelly, Dark Brown			
35	45	Clay, sandy, Light Brown			
45	50	Clay, silty, Dark Brown			
50	55	Clay/Sand (m), silty, Dark Brown			
55	60	Clay, silty, Grayish Brown			
60	65	Sand (m), silty, Grayish Brown			
65	70	Sand, clayey, Gray to Grayish Brown			
70	75	Sand (c), clayey, Gray to Light Brown			
75	80	Sand (f), Light Brown			MW88 , Abovegrade
80	90	Sand (f-m), Light Brown			Project Name: NCRA Refinery - Trihydro
90	95	Sand (f), silty, Light Brown			GeoCore # 875 , #

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>(1)</b> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) . . . . . <b>5/26/2005</b> . . . . . and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. . . . . <b>527</b> . . . . . This Water Well Record was completed on (mo/day/yr) . . . . . <b>5/17/05</b> . . . . . under the business name of <b>GeoCore, Inc.</b> by (signature) <b>Dale Bell</b>