

1 LOCATION OF WATER WELL: County: McPherson	Fraction SE 1/4 SW 1/4 SE 1/4	Section Number 5	Township Number T 20 S	Range Number R 3 E/W
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Distance and direction from nearest town or city street address of well if located within city?

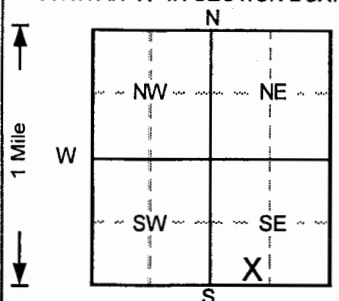
1391 Ironhorse Rd., McPherson2 WATER WELL OWNER: **National Cooperative Refinery Association**RR#, St. Address, Box # : **1391 Ironhorse Road**

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 **128** ft. ELEVATION: **1493.91**Depth(s) Groundwater Encountered 1. **92** 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 gpmEst. Yield .. **NA** .. gpm: Well water was ft. after hours pumping gpmBore Hole Diameter **8** in. to **128.5** 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 wellWas a chemical/bacteriological sample submitted to Department? Yes.....No ☒ ; If yes, mo/day/yr sample was submittedWater Well Disinfected? Yes No ☒

5 TYPE OF BLANK CASING USED:

- 1 Steel 3 RMP (SR)
2 PVC 4 ABS

5 Wrought iron

8 Concrete tile

CASING JOINTS: Glued Clamped

6 Asbestos-Cement

9 Other (specify below)

Welded

7 Fiberglass

Threaded. ☒Blank casing diameter **4** in. to **88** ft. Dia in. to ft. Dia in. to ft.Casing height above land surface **18.48** in., weight lbs./ft. Wall thickness or gauge No. **Sch. 80**

TYPE OF SCREEN OR PERFORATION MATERIAL

- 1 Steel 3 Stainless steel
 2 Brass 4 Galvanized steel

5 Fiberglass

7 PVC

10 Asbestos-cement

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
 2 Louvered shutter 4 Key punched

5 Gauzed wrapped

8 Saw cut

11 None (open hole)

6 Wire wrapped

9 Drilled holes

7 Torch cut

10 Other (specify)

SCREEN-PERFORATED INTERVALS: From **88** ft. to **128** ft. From ft. to ft.

From ft. to ft. From ft. to ft.

GRAVEL PACK INTERVALS: From **86.5** ft. to **128.5** ft. From ft. to ft.

From ft. to 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 **81** ft. From **81** ft. to **87** 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?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Pothole excavation,			
4	10	Clay, silty, Dark Brown			
10	30	Clay, silty, Reddish Brown			
30	40	Sand, silty, Lt. Brown			
40	55	Sand, clayey, Lt. Brown			
55	70	Sand, silty, Lt. Brown			
70	85	Sand, Brown			
85	100	Sand, Red-orange			
100	115	Sand, clayey, Lt. Brown			
115	120	Clay, some silty sand, Olive Gray			
120	125	Sand, silty, Lt. Brown			
125	128.5	Sand, Lt. Brown			
					LF-14, 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 jurisdictionand was completed on (mo/day/year) **11/7/2006** 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) **12/13/06**

under the business name of

GeoCore, Inc.

by (signature)