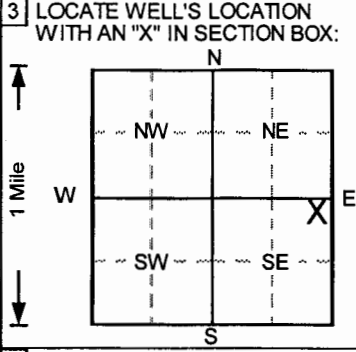


1 LOCATION OF WATER WELL: County: **Barton** Fraction: **NE ¼ NE ¼ SE ¼** Section Number: **8** Township Number: **T 16 S** Range Number: **R 13 E/W**

Distance and direction from nearest town or city street address of well if located within city?
1.5 mi. N of Susank

2 WATER WELL OWNER: **National Cooperative Refinery Association**
 RR#, St. Address, Box #: **P.O. Box 1404** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **McPherson, Kansas 67460** Application Number:



4 DEPTH OF COMPLETED WELL: **38** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **32** ft. below land surface measured on **mo/day/yr** **8/2/2006**
 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 **38** 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 ; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded.
 Blank casing diameter **4** in. to **23** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **24** 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 **23** ft. to **38** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **21** ft. to **38** 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
 Grout Intervals: From **0** ft. to **2** ft., From **2** ft. to **21** ft., From ft. to 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	Clay, silty, Dark Brown			
4	6	Clay, silty, degraded oil staining, Black			
6	8	Clay, silty, with free oil, Black			
8	14	Clay, degraded oil staining, Gray			
14	26	Silt, clayey w/v. sl. odor, Gray			
26	33	Clay, silty w/v. sl. odor, Gray			
33	34	Caliche, hard layer, Buff			
34	38	Silt, clayey w/caliche, Tan			
					MW14, Abovegrade
					Project Name: NCRA - Susank Station
					GeoCore # 1142, #

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) **8/2/2006** 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) **8/22/06** under the business name of **GeoCore, Inc.** by (signature) *Paul Kell*