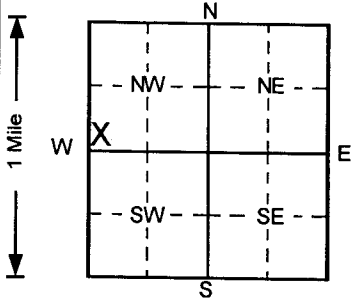


1 LOCATION OF WATER WELL: County: Barton	Fraction SW ¼ SW ¼ NW ¼	Section Number 9	Township Number T 16 S	Range Number R 13 E/W
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Distance and direction from nearest town or city street address of well if located within city?
2 mi. north of Susank, Kansas

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

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: **30** ft. ELEVATION: **0**
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **26.2** ft. below land surface measured on **4/21/2004**
 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 **8** in. to **30** ft., and in. to ft.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 **Monitoring well** 11 Injection well 12 Other (Specify below)
 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 2 **PVC** 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
 CASING JOINTS: Glued Clamped
 Welded Threaded.
 Blank casing diameter **2** in. to **20** 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 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 **PVC** 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 2 Louvered shutter 3 **Mill slot** 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From **20** ft. to **30** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **18** ft. to **30** ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 **Bentonite** 4 Other
 Grout Intervals: From **0** ft. to **18** ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
 Direction from well? How many feet? **0**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Clay, silty, dry, Dark Gray			
4	12	Clay, silty, dry, Brown			
12	15	Silt, slightly clayey, dry, Olive			
15	24	Clay, silty, dry, Brown			
24	28	Silt, clayey, moist, Brown			
28	30	Clay, silty, saturated, Yellow			
30	30	Shale, w/caliche, moist, Yellow			
					MW3, 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) **4/21/2004** 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) **5/4/2004**
 under the business name of **GeoCore, Inc.** by (signature) *Dale Bell*