

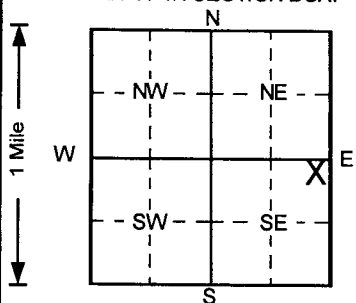
1 LOCATION OF WATER WELL: County: **Barton** Fraction: NE ¼ NE ¼ SE ¼ Section Number: **8** Township Number: T 16 S Range Number: R 13 **EW**

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** 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: **35** ft ELEVATION: **0**  
 Depth(s) Groundwater Encountered: 1. \_\_\_\_\_ ft 2. \_\_\_\_\_ ft 3. \_\_\_\_\_ ft  
 WELL'S STATIC WATER LEVEL: **27.5** ft below land surface measured on mo/day/yr **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: **2** in. to **35** 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
**2** PVC 4 ABS 7 Fiberglass \_\_\_\_\_ 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: **7** PVC 10 Asbestos-cement  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) \_\_\_\_\_  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 1 Continuous slot **3** Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) \_\_\_\_\_

SCREEN-PERFORATED INTERVALS: From **20** ft to **35** ft, From \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 From \_\_\_\_\_ ft to \_\_\_\_\_ ft, From \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 GRAVEL PACK INTERVALS: From **18** ft to **35** 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 **18** ft, From \_\_\_\_\_ ft to \_\_\_\_\_ 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? **0**

| FROM | TO | LITHOLOGIC LOG                         | FROM | TO | PLUGGING INTERVALS |
|------|----|--|------|----|--------------------|
| 0    | 4  | Clay, silty, dry, Dark Gray            |      |    |                    |
| 4    | 12 | Silt, clayey, dry, Tan                 |      |    |                    |
| 12   | 20 | Clay, silty, dry, Brown                |      |    |                    |
| 20   | 27 | Silt, clayey, dry to moist, Yellow     |      |    |                    |
| 27   | 34 | Clay, silty, saturated, Yellow         |      |    |                    |
| 34   | 35 | Silt, w/caliche, saturated, Dark Brown |      |    |                    |
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MWS , 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) **5/6/2004** under the business name of **GeoCore, Inc.** by (signature) **Dale Bell**