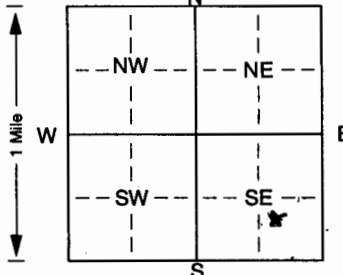


1 LOCATION OF WATER WELL: Fraction NW 1/4 SE 1/4 SE 1/4 Section Number 17 Township Number T 7 S Range Number R 1 E/W
 County: Cloud

Distance and direction from nearest town or city street address of well if located within city?
9 Miles South of Ames & 1/4 m west into field

2 WATER WELL OWNER: Larry Nobert
 RR#, St. Address, Box #: 2578 Rock Road Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Concordia KS 66901 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 220 ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 70 ft. below land surface measured on mo/day/yr ft.
 Pump test data: Well water was 170 ft. after 8 hours pumping gpm
 Est. Yield 400 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: in. to 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)
 Irrigation 4 Industrial 7 Domestic (lawn & garden) 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.
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter in. to 60 ft., Dia. 14 in. to ft., Dia. in. to ft.
 Casing height above land surface: 16 in., weight 15.853 lbs./ft. Wall thickness or gauge No. 500
 TYPE OF SCREEN OR PERFORATION MATERIAL: 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:
 1 Continuous slot 5 Gauzed wrapped Saw cut 11 None (open hole)
 2 Louvered shutter 3 Mill slot 6 Wire wrapped 9 Drilled holes
 4 Key punched 7 Torch cut 10 Other (specify) ft.
 SCREEN-PERFORATED INTERVALS: From ft. to ft., From 60 ft. to 160 ft.
 From 160 ft. to 220 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 220 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other
 Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: None
 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
<p><i>See Attached Sheet</i></p>					

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 480 5/28/08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 480 This Water Well Record was completed on (mo/day/yr) 6/17/08 under the business name of Williams Drilling Co Inc by (signature) Ron Williams

GEOLOGIC MATERIALS LOGGED

Larry Norbert

NW ¼ OF SE ¼ OF SE ¼

SEC 17 - T7S - R1W

CLOUD COUNTY

39* 26' 18.1"

97* 26' 43.8"

0 - 5	TOP SOIL
5 - 10	TANISH - BROWN CLAY
10 - 17	YELLOWISH BROWN SAND STONE
17 - 32	BROWN SAND STONE - SAND ROCK LAYERS
32 - 38	BROWN SAND STONE
38 - 43	RED & GRAY FIRE CLAY
43 - 47	GRAY FIRE CLAY
47 - 49	RED & WHITE FIRE CLAY
49 - 52	RED & GRAY FIRE CLAY
52 - 57	DARK GRAY CLAY
57 - 62	WHITE SAND STONE
62 - 70	MEDIUM GRAY CLAY
70 - 79	MEDIUM GRAY CLAY - SMALL WHITE SAND STONE LAYERS
79 - 82	WHITE SAND STONE
82 - 84	GRAY CLAY - WHITE SAND STONE LAYERS
84 - 92	WHITE SAND STONE
92 - 95	YELLOW SAND STONE
95 - 98	YELLOW SAND STONE - SMALL YELLOW CLAY LAYERS
98 - 107	YELLOW SAND STONE - SMALL FIRE CLAY LAYERS
107 - 109	YELLOW SAND STONE
109 - 112	YELLOW SAND STONE - SMALL IRON ROCK LAYERS
112 - 117	YELLOW SAND STONE - IRON PYRITE LAYERS
117 - 124	IRON STONE - SOME IRON ROCK LAYERS
124 - 125	YELLOW CLAY
125 - 126	GREEN CLAY
126 - 127	GRAYISH BLACK CLAY
127 - 130	GRAY - RED - BROWN - YELLOW FIRE CLAY
130 - 132	GRAY & RED FIRE CLAY
132 - 137	GRAY CLAY WITH SMALL IRON ROCK LAYERS
137 - 146	GRAY CLAY
146 - 147	GRAY CLAY - IRON ROCK LAYER
147 - 149	TANNISH GRAY ROCK LAYER - VERY HARD
149 - 155	GRAY CLAY
155 - 156	GRAY ROCK LAYER - MEDIUM HARD
156 - 159	GRAY CLAY
159 - 160	TAN ROCK LAYER - VERY HARD
160 - 162	GRAY CLAY

162 - 164 COARSE SAND AND FINE GRAVEL - YELLOWISH
164 - 167 GRAY ROCK LAYERS - SMALL LAYERS OF GRAY CLAY - VERY HARD
167 - 170 GRAY CLAY - SAND ROCK LAYERS AND SMALL ROCK LAYERS GRAY
170 - 173 GRAY CLAY LAYERS - SAND ROCK LAYERS SOME SAND STONE
LAYERS WITH SOME IRON PYRITE
173 - 175 GRAY CLAY LAYERS - ROCK LAYERS AND SAND ROCK LAYERS
175 - 176 DARK BLACKISH GRAY CLAY
176 - 179 DARK GRAY CLAY - BLACKISH WITH SMALL ROCK LAYERS
179 - 180 GRAYISH BLUE CLAY
180 - 182 DARK GRAY CLAY
182 - 186 DARK GRAY CLAY WITH ROCK LAYERS
186 - 187 GRAY CLAY - ROCK LAYERS
187 - 188 GRAY & BROWN MIXED CLAY SOME SMALL PYRITE LAYERS
188 - 192 MEDIUM GRAY CLAY
192 - 194 MEDIUM GRAY CLAY - SOME MIXED CLAY AND SMALL ROCK
LAYERS
194 - 197 MEDIUM GRAY CLAY WITH SMALL SAND ROCK LAYERS
197 - 203 MEDIUM GRAY CLAY - SMALL LAYERS OF ROCK AND SAND
203 - 208 DARK GRAY CLAY - SMALL LAYERS OF SAND ROCK
208 - 213 MEDIUM GRAY CLAY WITH SMALL LAYERS OF SAND ROCK
213 - 214 ROCK LAYER - GRAY & TAN
214 - 217 GRAY CLAY
217 - 218 MEDIUM GRAY CLAY
218 - 220 MEDIUM BROWN CLAY

*** CASED AT 220 FEET**

