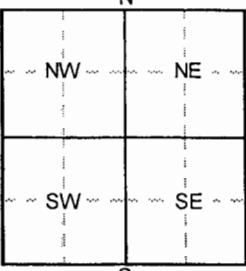


1] LOCATION OF WATER WELL: County: <b>Finney</b>	Fraction <b>C ¼ NE ¼ NE ¼</b>	Section Number <b>3</b>	Township Number <b>T 24 S</b>	Range Number <b>R 34 E/W</b>
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Distance and direction from nearest town or city street address of well if located within city?

**South edge of NNG Holcomb Plant—approx. 1 mi. N & 2 mi. W of Holcomb on Hwy 50**

2] WATER WELL OWNER: RR#, St. Address, Box # : <b>451 S. COUNTRY ESTATES</b> City, State, ZIP Code : <b>LIBERAL, KS 67901</b>	NORTHERN NATURAL GAS Board of Agriculture, Division of Water Resources Application Number:
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3] LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4] DEPTH OF COMPLETED WELL: <b>75</b> ft. ELEVATION: Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft. WELL'S STATIC WATER LEVEL: <b>62.46</b> ft. below land surface measured on mo/day/yr: <b>6/7/2006</b> Pump test data: Well water was <b>NA</b> ft. after .... hours pumping .... gpm Est. Yield <b>NA</b> gpm: Well water was .... ft. after .... hours pumping .... gpm Bore Hole Diameter <b>8</b> in. to <b>75</b> 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 <b>10 Monitoring well</b> Was a chemical/bacteriological sample submitted to Department? Yes.....No <input checked="" type="checkbox"/> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No <input checked="" type="checkbox"/>
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5] TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile <b>2 PVC</b> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Blank casing diameter <b>2</b> in. to <b>51</b> ft., Dia. .... in. to .... ft., Dia. .... in. to .... ft. Casing height above land surface <b>29</b> in., weight .... lbs./ft. Wall thickness or gauge No. <b>Sch. 40</b> TYPE OF SCREEN OR PERFORATION MATERIAL 1 Steel 3 Stainless steel 5 Fiberglass <b>7 PVC</b> 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) .... SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot <b>3 Mill slot</b> 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 <b>51</b> ft. to <b>75</b> ft., From .... ft. to .... ft. From .... ft. to .... ft., From .... ft. to .... ft. GRAVEL PACK INTERVALS: From <b>47</b> ft. to <b>75</b> ft., From .... ft. to .... ft. From .... ft. to .... ft., From .... ft. to .... ft.	CASING JOINTS: Glued .... Clamped .... Welded .... Threaded <input checked="" type="checkbox"/>
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6] GROUT MATERIAL: 1 Neat cement <b>2 Cement grout</b> <b>3 Bentonite</b> <b>4 Other Concrete</b> Grout Intervals: From <b>0</b> ft. to <b>3</b> ft., From <b>3</b> ft. to <b>4</b> ft., From <b>4</b> ft. to <b>40</b> ft. What is the nearest source of possible contamination: <b>From 40 to 47 ft.</b> 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?
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FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4.5	Silt, some sand, tr. clay, v. stiff, Pale Brown	57	60	Sand (vf-c), some silt, tr. gravel, Lt. Yellowish
4.5	7	Silt, some sand, tr. clay, v. stiff, Pale Brown	60	75	Silt, some sand and clay, Lt. Yellowish Brown
7	12	Silt, tr. to some vf-f sand, stiff to v. stiff, Pale B			
12	21.5	Silt, some clay, tr. sand, v. stiff, Brown			
21.5	24	Clay, some silt, tr. sand, Lt. Brownish Gray			
24	25	Silt, some sand, stiff, tr. plasticity, Brown			
25	26.5	Sand (vf-c), tr. gravel, Brownish Yellow			
26.5	28	Silt, some sand, tr. to some clay, Lt. Yellowish			
28	34.5	Sand (vf-c), tr. gravel, Lt. Yellowish Brown			
34.5	38.5	Silt, some sand and clay, v. stiff, Pale Brown			
38.5	41	Clay, some sand and silt, Pale Brown			
41	43	Silt and sand, tr. to some clay, Lt. Yellowish B			
43	48	Clay, some sand and silt, Lt. Yellowish Brown			MW40, Abovegrade
48	50	Sand (f-c), subangular, Lt. Yellowish Brown			Project Name: BM - NNG Holcomb Plant
50	57	Clay, some silt, tr. to some sand, Lt. Yellowish			GeoCore # 1188, #

7] CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>(1)</b> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>6/6/2006</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>527</b> This Water Well Record was completed on (mo/day/yr) <b>6/27/2006</b> under the business name of <b>GeoCore, Inc.</b> by (signature) <i>Dale Bell</i>
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