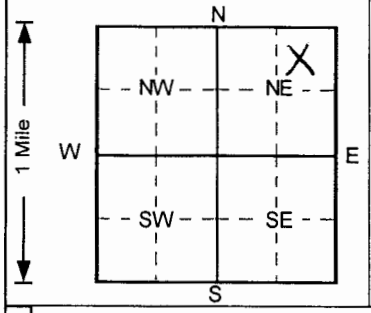
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: **Finney** | Fraction: ¼ **NE** ¼ **NE** ¼ | Section Number: **3** | Township Number: T **24** S | Range Number: R **34** E/W

Distance and direction from nearest town or city street address of well if located within city?
~1 mi N & 2 mi W of Holcomb on Hwy 50

2 WATER WELL OWNER:
RR#, St. Address, Box # : **NORTHERN NATURAL GAS 451 S. COUNTRY ESTATES**
City, State, ZIP Code : **LIBERAL, KS 67901**
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 **110.8** ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL **98.51** ft. below land surface measured on mo/day/yr **5/16/2005**
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 **110.8** 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 **85.8** ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface **30** 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 **85.8** ft. to **110.8** ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **83** ft. to **110.8** 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 **3** ft., From **3** ft. to **83** 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	0.2	Gravel,	58	61	Silt, some sand and clay, Lt. Yellowish Brown
0.2	12	Silt, some clay, Brown	61	65	Sand (vf-m), Lt. Yellowish Brown
12	15	Clay, trace silt and sand, Pale Brown	65	71	Sand (vf-c), trace silt, Lt. Yellowish Brown
15	18	Silt, some sand, Lt. Yellowish Brown	71	78	Sand (f-c), Lt. Yellowish Brown
18	19.5	Clay, trace sand and silt, Pale Brown	78	84	Clay, trace sand and silt, Brown
19.5	21	Sand (vf-f), trace to some silt, Pale Brown	84	86	Clay, some silt and sand, Brown
21	27	Silt, some sand (vf-f), Brown	86	89	Sand (vf-m), Lt. Yellowish Brown
27	28.5	Clay, trace sand and silt, Brown	89	90.1	Clay, some sand and silt, Yellowish Brown
28.5	32	Silt, some sand and clay, Brown to Lt. Yellowi	90.1	101	Sand (vf-m), Lt. Yellowish Brown
32	39.5	Sand (vf-c), trace to some gravel, Lt. Gray	101	110.8	Clay, trace sand and silt, Pale Brown
39.5	43.5	Silt, some clay and sand, Lt. Brown			
43.5	47	Clay, some silt and sand, Lt. Yellowish Brown			
47	51.5	Clay, trace sand, Lt. Brown			MW37, Abovegrade
51.5	53.5	Silt, some clay and sand, Lt. Yellowish Brown			Project Name: BM - NNG Holcomb Plant
53.5	58	Sand (vf-f), some clay and sand, Lt. Yellowish			GeoCore #1188

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) **5/13/2005** 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) 5/27/05 under the business name of **GeoCore, Inc.** by (signature) Dale Robb

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼