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

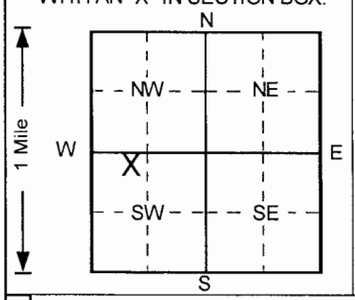
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Stevens	NE ¼ NW ¼ SW ¼	3	T 33 S	R 37 E/W

Distance and direction from nearest town or city street address of well if located within city?
1/2 mi. N of Hugoton on E side of K-25 Hwy

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 30 ft. ELEVATION: 0
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL N/A ft. below land surface measured on mo/day/yr
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 8.25 in. to 30 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 Soil vapor extractio
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 10 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 28 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 10 ft. to 30 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 7 ft. to 30 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 Concrete
Grout Intervals: From 0 ft. to 1 ft., From 1 ft. to 7 ft., From ft. to ft.
What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage (16) Other (specify below)
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Burn pit
Direction from well? West How many feet? 5

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5.5	Clay, sandy, stiff, tr. to med. plasticity, Dark B			
5.5	14	Clay, sandy, some silt, stiff, tr. plasticity, Yello			
14	19	Clay, sandy, some silt, stiff, tr. plasticity, Light			
19	21	Clay, tr. sand and silt, very stiff, Yellowish Br			
21	30	Clay, tr. sand and silt, hard, med. plasticity, St			
					SB1/SV1
					Project Name: BM - NNG - Stevens Co. #1
					GeoCore # 1153 , #

RECEIVED
OCT 18 2004
BUREAU OF WATER

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) 5/13/2004 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) 9/23/2004 under the business name of GeoCore, Inc. by (signature) Dale Hall

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