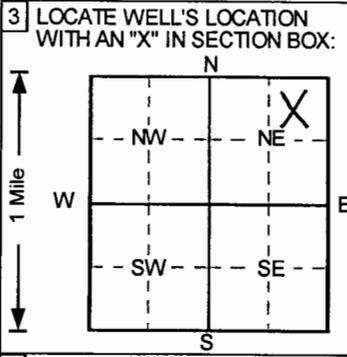


1 LOCATION OF WATER WELL: Fraction C 1/4 NE 1/4 NE 1/4 Section Number 3 Township Number T 24 S Range Number R 34 E/W

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

2 WATER WELL OWNER: NORTHERN NATURAL GAS
 RR#, St. Address, Box #: 451 S. COUNTRY ESTATES Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: LIBERAL, KS 67901 Application Number:



4 DEPTH OF COMPLETED WELL: 72 ft ELEVATION: 0
 Depth(s) Groundwater Encountered 1. ft 2. ft 3. ft
 WELL'S STATIC WATER LEVEL . . . 57.21 . . . ft below land surface measured on mo/day/yr . . . 12/6/2004 . . .
 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 . . . 8 . . . in. to . . . 72 . . . 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 Disinfecta? 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 . . . 47 . . . 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 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 . . . 47 . . . ft to . . . 73 . . . ft, From ft to ft
 From ft to ft, From ft to ft
 GRAVEL PACK INTERVALS: From . . . 45 . . . ft to . . . 73 . . . 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 . . . 45 . . . 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	Grass,	56	64	Sand (vf-c), silty, v. poorly sorted, Brown
0.2	4	Clay, silty, tr. sand, Brown	64	66	Silt, sandy, v. stiff, Brown
4	13	Silt, tr. to some sand and clay, Brown	66	73	Sand (f-c), mod. sorted, Pale Brown
13	14	Clay, tr. sand and silt, Gray			
14	17	Sand (f-c), mod. sorted, Pale Brown			
17	19	Sand (f-c), v. poorly sorted, Lt. Gray			
19	21	Clay, silty, v. stiff,			
21	26	Clay, silty, tr. to some sand, Lt. Brown			
26	30	Sand (vf-c), tr. silt, V. Pale Brown			
30	32	Silt, sandy, stiff, Lt. Yellowish Brown			
32	37	Sand (vf-c), v. poorly sorted, Brownish Yellow			
37	41.5	Sand (vf-c), poorly sorted, V. Pale Brown			
41.5	43	Silt, sandy, tr. to some clay, Pale Brown			MW31, Abovegrade
43	50	Sand (vf-c), tr. silt, poorly sorted, Pale Brown			Project Name: BM - NNG Holcomb Plant
50	56	Sand (vf-c), tr. silt, poorly sorted, Lt. Grayish			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) . . . 12/1/2004 . . . 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) . . . 1/3/05 . . .
 under the business name of GeoCore, Inc. by (signature) *Dale Bell*

OFFICE USE ONLY
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