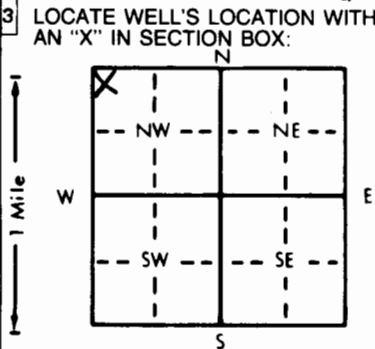


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NW 1/4 Section Number 9 Township Number T 35 S Range Number R 33 EW
 County: SEWARD

Distance and direction from nearest town or city street address of well if located within city?
905 S. KANSAS AVE, LIBERAL, KANSAS MW-5

2 WATER WELL OWNER: Jim Madden
 RR#, St. Address, Box #: P.O. Box 148
 City, State, ZIP Code: Liberal, Kansas 67905-0148
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 169 ft. ELEVATION: 151 ft.
 Depth(s) Groundwater Encountered: 1. 150.44 ft. 2. 151 ft. 3. 45-95 ft.
 WELL'S STATIC WATER LEVEL: 150.44 ft. below land surface measured on mo/day/yr 4-5-95
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ 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)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No (X); If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No (X)

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded (X)
 Blank casing diameter: 4 in. to 139 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 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 139 ft. to 169 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 137 ft. to 169 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 2.25 ft. to 135 ft., From 135 ft. to 137 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? EAST
 How many feet? 15' 90'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	0.5'	Topsoil			
0.5'	15.0'	sandy clay, dark yellow brown, damp			
15.0'	20.0'	clay with fine sand, low plasticity, damp			
20.0'	25.0'	sandy clay, fine, low plasticity, damp			
25.0'	30.0'	clay, medium plasticity, dark yell. brown, damp			
30.0'	35.0'	clay, fine sand, pale yell. orange, damp			
35.0'	45.0'	sand, fine, poorly graded, brown, damp			
45.0'	50.0'	sand, fine, hard, pale yell. brown, damp			
50.0'	60.0'	clay, sand, fine, med. plasticity, med. brown, damp			
60.0'	77.0'	sand, fine, poorly graded, med. plasticity, damp			
77.0'	105.0'	sandy clay, fine to med, pale yell. brown, damp			
105.0'	140.0'	silty clay, hard, med. yell. brown, damp			
140.0'	150.0'	silty clay, hard, pale yell. orange, damp			
150.0'	169.0'	silty clay, some fine sand, pale yell. orange wet.			

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) 3-14-95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 3-15-95 under the business name of Kansas City Testing by (signature) Daniel B. Tome

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.

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