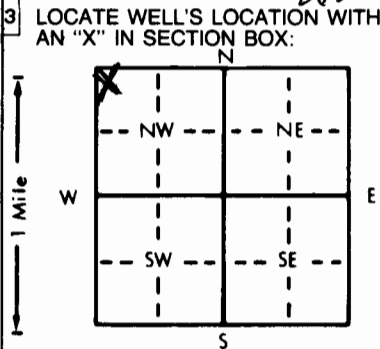


1 LOCATION OF WATER WELL: County: SEWARD Fraction: NW 1/4 NW 1/4 NW 1/4 Section Number: 9 Township Number: T 35 S Range Number: R 33 E W

Distance and direction from nearest town or city street address of well if located within city? 905 S. KANSAS AVE., Liberal, KANSAS MW-10

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: 173 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered: 151.0' ft. 2. _____ ft. 3. _____
 WELL'S STATIC WATER LEVEL: 151.0' 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:
 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 (No); If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No (No)

5 TYPE OF BLANK CASING USED:
 1 Steel (2) PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued _____ Clamped _____
 Blank casing diameter _____ in. to 143 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 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC (7) PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) _____ 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 2 Louvered shutter 3 Mill slot (3) Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From 143 ft. to 173 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 141 ft. to 173 ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (2) Cement grout 3 Bentonite (3) Bentonite 4 Other _____
 Grout Intervals: From 2.35 ft. to 139 ft., From 139 ft. to 141 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? West by southwest How many feet? 360'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.5	Topsoil			
0.5	15.0	Silty sand, very fine, dark yellowish brown, damp			
15.0	35.0	SANDY SILT, very fine, moderate brown, damp			
35.0	40.0	SAND, very fine, pale yellowish brown, damp			
40.0	45.0	SAND, fine, moderate yellowish brown, moist			
45.0	50.0	SANDY SILT, very fine, pale yellowish brown, damp			
50.0	60.0	SILT, some fine sand, pale yellowish brown, damp			
60.0	70.0	SAND, FINE, moderate brown, moist			
70.0	90.0	SILTY SAND, very fine, moderate brown, damp			
90.0	100.0	SAND, fine, poorly graded, moderate brown, damp			
100.0	110.0	SILT SAND, moderate brown, damp			
110.0	150.0	SILT clay, low plasticity, moderate brown, damp			
150.0	173.0	SILT, hard, pale yellowish orange, moist			

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) 4-4-95 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) 4-7-95 under the business name of Kansas City Testing by (signature) Bernie Tones