

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 E  
 County: Seward

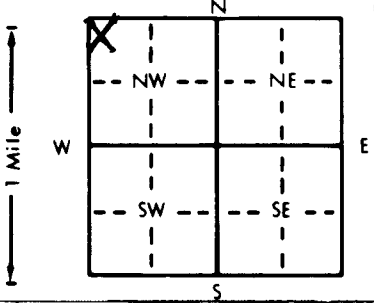
Distance and direction from nearest town or city street address of well if located within city?

905 S. Kansas Ave, Liberal, Kansas

MW-4

2 WATER WELL OWNER: Jim Haddock  
 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:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 168 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 151 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL 151.82 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); If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes (No)

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  
 Blank casing diameter \_\_\_\_\_ in. to 138 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 8 RMP (SR) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) \_\_\_\_\_  
 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 138 ft. to 168 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 136 ft. to 168 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 225 ft. to 134 ft. From 134 ft. to 136 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? Southwest How many feet? 65'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	0.7'	Concrete			
0.7'	18.0'	silty clay, dark brown, damp			
18.0'	28.0'	clay, low plasticity, some salt, dk. yell. brown			
28.0'	33.0'	clay, med. plasticity, pale yellowish brown, damp			
33.0'	38.0'	sandy clay, fine, low plasticity, patches, damp			
38.0'	43.0'	sand, fine, med. yellowish brown, damp			
43.0'	58.0'	clay, medium plasticity, pale yell. brown, damp			
58.0'	60.0'	clay, fine sand, med. plasticity, pale yell. brown			
60.0'	70.0'	clay, low plasticity, dk. yell. brown, moist			
70.0'	90.0'	clay, low plasticity, soft, med. brown, moist			
90.0'	100.0'	sand with clay, fine, pale yell. brown, moist			
100.0'	108.0'	sand, fine, some coarse, med. yell. brown, moist			
108.0'	150.0'	silty clay, stiff, medium brown, moist			
150.0'	160.0'	clay, some salt, fines, pale yellow, moist			
160.0'	168.0'	clayey sand, med. plasticity, fines, pale yellow, 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) 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) Bernie Tomc