

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: RAWLINS		NE 1/4 NE 1/4 NE 1/4		15		T 5 S		R 34 NW	
Distance and direction from nearest town or city street address of well if located within city?									
2 WATER WELL OWNER: HARLAN DOWNING									
RR#, St. Address, Box #: RR # 3 BOX 310					Board of Agriculture, Division of Water Resources				
City, State, ZIP Code: COLBY KS 67701					Application Number: 44.503				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: 290 ft. ELEVATION: 3,220						
			Depth(s) Groundwater Encountered 1. 172 ft. 2. _____ ft. 3. _____ ft.						
			WELL'S STATIC WATER LEVEL 173.5 ft. below land surface measured on mo/day/yr 12-13-06						
			Pump test data: Well water was 248 ft. after 16 hours pumping 360 gpm						
			Est. Yield 300 gpm: Well water was 237 ft. after 4 hours pumping 300 gpm						
			Bore Hole Diameter 28 in. to 288.5 ft., and 17 in. to 290 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 (X) If yes, mo/day/yr sample was submitted _____									
Water Well Disinfected? Yes (X) HTH 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 14 in. to 222 ft. Dia 14 in. to 282-290 ft. Dia _____ in. to _____ ft.									
Casing height above land surface 12 in., weight 36.71 lbs./ft. Wall thickness or gauge No. 250									
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) Bridge Slot..100									
SCREEN-PERFORATED INTERVALS: From 222 ft. to 282 ft., From _____ ft. to _____ ft.									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From 21 ft. to 290 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 +1 ft. to 21 ft. Includes 1'X6'X12' Pad Continuous with grout									
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) Irrigation Well How many feet? 600									
Direction from well? SE									
FROM		TO		LITHOLOGIC LOG		FROM		TO	
				SEE ATTACHED LOG					
								280' - 1" Sch 80 PVC	
								Water level tube with 60' perf. in gravel pack	
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) 12-14-06 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 633 This Water Well Record was completed on (mo/day/yr) 12-30-2006 under the business name of DMW WELL & PUMP SERVICE by (signature) <i>[Signature]</i>									
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.									

			DOWNING #2 LOG NE1/4-15-5S-34W
	FROM	TO	LITHOLOGIC LOG
	0	36	topsoil, brown clay, sand
	36	57	brown clay, sand
	57	67	sand, some brown clay
	67	100	sand, brown clay, sandstone
	100	108	sand, gravel, little clay
	108	116	sand, gravel, sandstone streaks
	116	130	sand, brown clay, sandstone streaks
	130	136	sand, small gravel, brown clay
	136	141	sand, small gravel, sandstone
	141	146	sand, sandstone
	146	156	sand, gravel, sandstone streaks
	156	169	sand, gravel
	169	174	sand, gravel, sandstone layers
	174	178	sand, brown clay, sandstone
	178	181	sand, sandstone
	181	186	fine to coarse sand, gravel, brown clay
	186	188	fine to coarse sand, brown clay & sandstone
	188	223	fine sand, sandstone
	223	236	fine to coarse sand (loose)
	236	240	fine sand, few clay & sandstone streaks (loose)
	240	242	sandstone
	242	246	fine sand, sandstone streaks
	246	259	fine to coarse sand, sandstone streaks (loose)
	259	264	fine to coarse sand, green clay (loose)
	264	270	fine to coarse sand, few sandstone streaks (loose)
	270	275	fine to coarse sand, some white clay
	275	281	fine to coarse sand, small gravel, little clay (loose)
	281	282	ochre, green shale
	282	290	black shale