

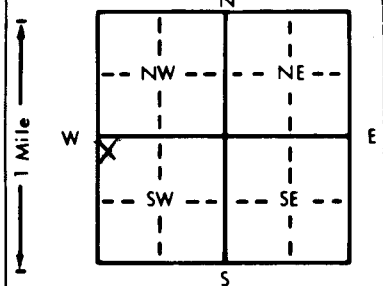
HAL-1

1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 3 Township Number T 14 S Range Number R 16 EW

Distance and direction from nearest town or city street address of well if located within city?  
1100 E 8th Street, Hays, KS

2 WATER WELL OWNER: KDATE-BER  
RR#, St. Address, Box #: HAWK BURTON Energy Serv.  
City, State, ZIP Code: Topeka, KS 66601-0002  
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: 30 ft. ELEVATION:  
Depth(s) Groundwater Encountered 1. ~16 ft. 2. ft. 3. ft.  
WELL'S STATIC WATER LEVEL 16.42 ft. below land surface measured on mo/day/yr 3/16/99  
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 8.625 in. to 30 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 HAL-1  
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted  
Water Well Disinfected? Yes No Y

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  
Blank casing diameter 2 in. to 10 ft., Dia in. to ft., Dia in. to ft.  
Casing height above land surface flush in., weight sch 40 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 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  
3 Torch cut 10 Other (specify)  
SCREEN-PERFORATED INTERVALS: From 30 ft. to 1.0 ft., From ft. to ft.  
GRAVEL PACK INTERVALS: From 30 ft. to 8 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
Grout Intervals: 3 From 8 ft. to 3 ft. 2 From 2 ft. to 0 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) contaminated site  
13 Insecticide storage

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Asphalt & fill			
2	5.5	SILTY CLAY			
5.5	11	brn, trace silt stringers			
11	13	clayey silt			
13	15.5	silty clay			
15.5	30	sand			
30	TD	end of borehole			

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) 3/16/99 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo/day/yr) 3/18/99 under the business name of AEL by (signature) ADuncan for DDun