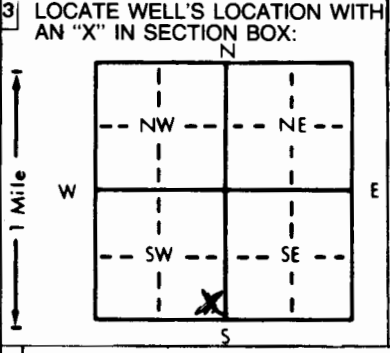


1 LOCATION OF WATER WELL: County: Harvey Fraction: Se 1/4 Se 1/4 SW 1/4 Section Number: 5 Township Number: T 23 S Range Number: R 1 EW

Distance and direction from nearest town or city street address of well if located within city?  
In City Newton 317 Blue Stem

2 WATER WELL OWNER: Dr. N. E. Abrahams  
 RR#, St. Address, Box #: 502 Lincoln Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Hillsboro, Ks 67063 Application Number:



4 DEPTH OF COMPLETED WELL: 77 ft. ELEVATION: ..... ft.  
 Depth(s) Groundwater Encountered 1. 18 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL: 12 ft. below land surface measured on mo/day/yr 2-4-88  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield: 3-10 gpm Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter: 2 1/2 in. to 77 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...Y.....; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes Y No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped .....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass Threaded .....  
 Blank casing diameter: 5 in. to ..... ft., Dia. 5 in. to 77 ft., Dia. .... in. to ..... ft.  
 Casing height above land surface: 12 in., weight Class 160 lbs./ft. Wall thickness or gauge No. 214  
 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 18 ft. to 28 ft., From 67 ft. to 77 ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 18 ft. to 77 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 0 ft. to 18 ft., From ..... ft. to ..... 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? SE How many feet? 30 +

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>12</u>	<u>Clay</u>			
<u>12</u>	<u>23</u>	<u>fine to medium sand</u>			
<u>23</u>	<u>42</u>	<u>yellow shale</u>			
<u>42</u>	<u>67</u>	<u>Blue shale</u>			
<u>67</u>	<u>68</u>	<u>Same Water</u>			
<u>68</u>	<u>77</u>	<u>Blue shale</u>			

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) 2-4-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. TR0 This Water Well Record was completed on (mo/day/yr) 2-26-88 under the business name of Backus Drilling by (signature) Paul Backus