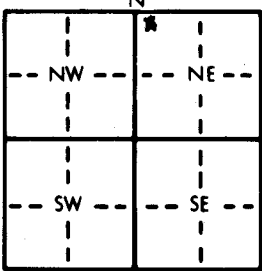


1 LOCATION OF WATER WELL: County: MORTON		Fraction NW 1/4 NW 1/4 NE 1/4		Section Number 13	Township Number T 32 S	Range Number R 42 E/W																																																																																																
Distance and direction from nearest town or city street address of well if located within city? 3 1/2 miles west of the east edge of Richfield, Ks.																																																																																																						
2 WATER WELL OWNER: Bill Boekaus RR#, St. Address, Box # : Richfield, Ks. 67953 City, State, ZIP Code : Board of Agriculture, Division of Water Resources Application Number: 11779																																																																																																						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"></div>		4 DEPTH OF COMPLETED WELL... 744 ft. ELEVATION: slope Depth(s) Groundwater Encountered 1. 90 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 90 .. ft. below land surface measured on mo/day/yr Oct. 7, 1983 Pump test data: Well water was 12 hours pumping gpm Est. Yield gpm: Well water was 12 hours pumping gpm Bore Hole Diameter 24 in. to 4 1/4 ft., and 18 in. to 744 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 <u>Irrigation</u> 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes.....No..... X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No X																																																																																																				
5 TYPE OF BLANK CASING USED: 1 <u>Steel</u> 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 X 7 Fiberglass Threaded Blank casing diameter 16 in. to 2 1/2 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 18 in., weight 42.05 lbs./ft. Wall thickness or gauge No. 250 : 250 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 <u>Steel</u> 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 <u>Key punched</u> 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 212 ft. to 744 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 10 ft. to 744 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 10 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 <u>Abandoned water well</u> 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? 100 feet north How many feet?																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>2</td><td>Surface</td><td></td><td></td><td></td></tr><tr><td>2</td><td>55</td><td>Clay w/lime shells</td><td></td><td></td><td></td></tr><tr><td>55</td><td>65</td><td>Sand</td><td></td><td></td><td></td></tr><tr><td>65</td><td>120</td><td>Clay</td><td></td><td></td><td></td></tr><tr><td>120</td><td>170</td><td>Red Clay</td><td></td><td></td><td></td></tr><tr><td>170</td><td>210</td><td>Yellow chalk & sandstone</td><td></td><td></td><td></td></tr><tr><td>210</td><td>280</td><td>Yellow chalk, sandstone & sandrock</td><td></td><td></td><td></td></tr><tr><td>280</td><td>400</td><td>Sandstone w/clay strips</td><td></td><td></td><td></td></tr><tr><td>400</td><td>440</td><td>Red bed w/sandstone strips</td><td></td><td></td><td></td></tr><tr><td>440</td><td>520</td><td>Red bed</td><td></td><td></td><td></td></tr><tr><td>520</td><td>570</td><td>Red bed & rock</td><td></td><td></td><td></td></tr><tr><td>570</td><td>660</td><td>Red bed w/clay and sandstone</td><td></td><td></td><td></td></tr><tr><td>660</td><td>690</td><td>Red bed & sandstone</td><td></td><td></td><td></td></tr><tr><td>690</td><td>730</td><td>Red bed & sandstone</td><td></td><td></td><td></td></tr><tr><td>730</td><td>745</td><td>Red bed</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	Surface				2	55	Clay w/lime shells				55	65	Sand				65	120	Clay				120	170	Red Clay				170	210	Yellow chalk & sandstone				210	280	Yellow chalk, sandstone & sandrock				280	400	Sandstone w/clay strips				400	440	Red bed w/sandstone strips				440	520	Red bed				520	570	Red bed & rock				570	660	Red bed w/clay and sandstone				660	690	Red bed & sandstone				690	730	Red bed & sandstone				730	745	Red bed			
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG																																																																																																	
0	2	Surface																																																																																																				
2	55	Clay w/lime shells																																																																																																				
55	65	Sand																																																																																																				
65	120	Clay																																																																																																				
120	170	Red Clay																																																																																																				
170	210	Yellow chalk & sandstone																																																																																																				
210	280	Yellow chalk, sandstone & sandrock																																																																																																				
280	400	Sandstone w/clay strips																																																																																																				
400	440	Red bed w/sandstone strips																																																																																																				
440	520	Red bed																																																																																																				
520	570	Red bed & rock																																																																																																				
570	660	Red bed w/clay and sandstone																																																																																																				
660	690	Red bed & sandstone																																																																																																				
690	730	Red bed & sandstone																																																																																																				
730	745	Red bed																																																																																																				
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) 1/4/84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 164 This Water Well Record was completed on (mo/day/yr) 1/25/84 under the business name of Houck Bros. Drlg. Co. by (signature) M. Beard INSTRUCTIONS: Use typewriter or ball point pen, <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																																																						

OFFICE USE ONLY

T

32

R

42

E/W

SEC.

13

NW

1/4

NW

1/4

NE

1/4