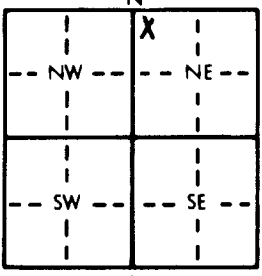


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 NE 1/4 Section Number 35 Township Number T 20 S Range Number R 31 E

Distance and direction from nearest town or city street address of well if located within city?
6 miles south, 9 1/2 east of Shallow Water, Ks.

2 WATER WELL OWNER: Harkness Cattle + Land Inc.
 RR#, St. Address, Box #: R.F.D. #2 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Scott City, Kansas 67871 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 103 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 40 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 33 ft. below land surface measured on mo/day/yr 4-5-84
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 12 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 10 in. to 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 Observation well Stock
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 ② PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 84 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: ⑦ PVC 10 Asbestos-cement
 1 Steel 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 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 84 ft. to 103 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 15 ft. to 103 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 5 ft. to 15 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 UNKNOWN
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	top soil			
2	10	fine sand			
10	80	brown clay, few sand streaks			
80	84	very fine sand			
84	88	medium sand			
88	103	yellow clay, trace of sand streaks			

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) 4-6-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 449 This Water Well Record was completed on (mo/day/yr) 4-12-84 under the business name of Midwest Well + Pump by (signature) Arthur Kuhlmann

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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