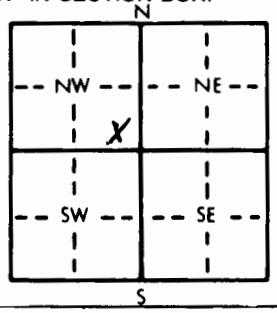
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Pott | Fraction: SE ¼ SE ¼ NW ¼ | Section Number: 18 | Township Number: T 9 S | Range Number: R 8 E/W

Distance and direction from nearest town or city street address of well if located within city? From Manhattan Go North on 24 4 Miles To 13 Highway & Go East 1.5 miles To Spillway Marina Rd. First Lot on Right Lot #4 Lot #2

2 WATER WELL OWNER: Wade & Gail Houghtaling
RR#, St. Address, Box # : 2750 Mockingbird Road #2
City, State, ZIP Code : Manhattan, KS 66502
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 200 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 155 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 125 ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 30+ gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9 in. to 200 ft., and in. to 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 5 Public water supply 8 Air conditioning 11 Injection well
Was a chemical/bacteriological sample submitted to Department? Yes No If yes, mo/day/yr sample was submitted
Water Well Disinfected? (Yes) No

5 TYPE OF BLANK CASING USED: (2 PVC) 1 Steel 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: (Glued) Clamped Welded Threaded
Blank casing diameter 5 in. to 180 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 2' in., weight Sch 40 lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL: (1 PVC) 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: (3 Mill slot) 25/1000's 1 Continuous slot 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 180 ft. to 200 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 25 ft. to 200 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 25 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: None Close
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? How many feet?

FROM	TO	LITHOLOGIC LOG
0	½	Top Soil
½	2½	Limestone
2½	6	Brown Clay
6	10	Limestone
10	25	Tan Shale
25	33	Red Shale
33	37	Limestone
37	45	Tan Shale
45	48	Limestone
48	52	Tan Shale
52	56	Grey Shale
56	68	Tan Shale
68	71	Limestone
71	89	Tan Shale
89	94	Limestone
94	98	Brown Shale
98	101	Limestone
101	110	Greenish Shale
110	116	Limestone
116	122	Brown Shale
122	126	Yellow Limestone
126	137	Yellow Shale
137	142	Limestone
142	155	Grey Shale
155	160	Limestone (Water)
160	181	Grey Shale
181	189	Limestone
189	200	Grey Shale

PLUGGING INTERVALS

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) 5/22/95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 5/25/95 under the business name of Haldiman Well Drilling by (signature) Craig Haldiman

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.