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Division of Water Resources; App. No. []

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No. []

1 LOCATION OF WATER WELL:
 County: Riley Fraction: SW 1/4 SE 1/4 NW 1/4 Section Number: 13 Township Number: T 9 S Range Number: R 6 E
 Distance and direction from nearest town or city street address of well if located within city? From Manhattan 608 W 1st North West on 24th St 1/2 mile South
2 WATER WELL OWNER: Charlis Zeller
 RR#, St. Address, Box #: 5720 West 76th
 City, State, ZIP Code: Manhattan, KS 66503

Global Positioning Systems (decimal degrees, min. of 4 digits)
 Latitude: _____
 Longitude: _____
 Elevation: _____
 Datum: _____
 Data Collection Method: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:
 N
 W | | E
 --NW-- --NE--
 | |
 --SW-- --SE--
 | |
 S

4 DEPTH OF COMPLETED WELL 160 ft.
 Depth(s) Groundwater Encountered (1) 159 ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL 90 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
 WELL WATER TO BE USED AS:
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring 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 CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)
 PVC 4 ABS 7 Fiberglass
 Blank casing diameter 5 in. to 140 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 3 in., Weight 50640 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify)
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Guazed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 140 ft. to 100 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 160 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 13 Insecticide Storage 16 Other (specify below)
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well
 Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|-----|----------------|------|-----|--------------------|
| 0 | 1 | Top Soil | 139 | 147 | Limestone (wall) |
| 1 | 22 | Brown Clay | 147 | 152 | Brown Shale |
| 22 | 35 | Limestone | 152 | 160 | Gray Clay Shale |
| 35 | 50 | Brown Shale | | | |
| 50 | 57 | Limestone | | | |
| 57 | 63 | Yellow Shale | | | |
| 63 | 66 | Limestone | | | |
| 66 | 81 | Brown Shale | | | |
| 81 | 115 | Limestone | | | |
| 115 | 139 | Brown Shale | | | |

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) 1/22/2008 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/year) 1/23/2008 under the business name of Haldeman Water Well by (signature) Craig Haldeman

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline & circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$3.00 for each constructed well. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.