

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

MW-02

1 LOCATION OF WATER WELL: County: McPherson		Fraction SE ¼ NE ¼ SE ¼ ¼	Section Number 5	Township No. T 20 S	Range Number R 3 ☐ E ☒ W																																																																		
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☒ .			Global Positioning System (GPS) information: Latitude: 38.337681 (in decimal degrees) Longitude: -97.669172 (in decimal degrees) Elevation: 1492 Datum: ☒ WGS 84, ☐ NAD 83, ☐ NAD 27 Collection Method: ☐ GPS unit (Make/Model:) ☒ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☒ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m																																																																				
2 WATER WELL OWNER: NCRA RR#, Street Address, Box #: 2000 South Main Street City, State, ZIP Code : McPherson, Kansas 67460																																																																							
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S -----1 mile-----		4 DEPTH OF COMPLETED WELL 100 ft. Depth(s) Groundwater Encountered (1) 88 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 89.65 ft. below land surface measured on mo/day/yr. 12/15/13 Pump test data: Well water was ft. after hours pumping gpm EST. YIELD gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 9 in. to 100 ft., and in. to ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☒ 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: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 4 in. to 100 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 36 in., Weight 2.9 lbs./ft., Wall thickness or gauge No. 0.337 TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☐ Stainless Steel ☒ PVC ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☐ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☒ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From 70 ft. to 100 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 68 ft. to 100 ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																							
6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Concrete Grout Intervals: From 68 ft. to 2 ft., From 2 ft. to 0 ft., From ft. to ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☐ Other (specify below) ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well Direction from well Distance from well																																																																							
<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>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr><td>0</td><td>18</td><td>Clayey Silt</td><td></td><td></td><td></td></tr> <tr><td>18</td><td>26</td><td>Silty Clay</td><td></td><td></td><td></td></tr> <tr><td>26</td><td>36</td><td>Clayey Silt</td><td></td><td></td><td></td></tr> <tr><td>36</td><td>56</td><td>Fine sand</td><td></td><td></td><td></td></tr> <tr><td>56</td><td>66</td><td>Fine to medium sand</td><td></td><td></td><td></td></tr> <tr><td>66</td><td>76</td><td>clay with medium sand</td><td></td><td></td><td></td></tr> <tr><td>76</td><td>93</td><td>Fine to coarse sand</td><td></td><td></td><td></td></tr> <tr><td>93</td><td>100</td><td>Clay with fine sand</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	18	Clayey Silt				18	26	Silty Clay				26	36	Clayey Silt				36	56	Fine sand				56	66	Fine to medium sand				66	76	clay with medium sand				76	93	Fine to coarse sand				93	100	Clay with fine sand															
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 12/09/2013 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 591 This Water Well Record was completed on (mo/day/year) 12/24/2013 under the business name of Cascade Drilling LP by (signature) [Signature]																																																																							
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html																																																																							