

WATER WELL RECORD MW47B Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Morris</u>	Fraction <u>SE 1/4 SW 1/4 NW 1/4</u>	Section Number <u>31</u>	Township Number T <u>15</u> S	Range Number R <u>6</u> <u>E</u> W
Distance and direction from nearest town or city street address of well if located within city? <u>At Tri County Airport at Herington KS</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: _____ Longitude: _____ Elevation: _____ Datum: _____ Data Collection Method: _____		
2 WATER WELL OWNER: RR#, St. Address, Box # City, State, ZIP Code <u>Raytheon Company</u> <u>870 Winterst</u> <u>Waltham MA</u>				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N <table border="1" style="width: 100%; height: 100px; text-align: center; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td>-- NW --</td><td> </td><td>-- NE --</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td>-- SW --</td><td> </td><td>-- SE --</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> S				-- NW --		-- NE --				-- SW --		-- SE --				4 DEPTH OF COMPLETED WELL <u>115</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... ft. below land surface measured on mo/day/yr..... Pump test data: Well water was..... ft. after..... hours pumping..... gpm Est. Yield..... gpm: Well water was..... ft. after..... hours pumping..... gpm 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 Domestic (lawn & garden) <u>10</u> Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u>; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes No <u>X</u>
-- NW --		-- NE --														
-- SW --		-- SE --														

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) <u>2</u> PVC 4 ABS	5 Wrought Iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass	CASING JOINTS: Glued..... Clamped..... Welded..... Threaded <u>X</u>
Blank casing diameter ... <u>10</u> in. to ... <u>47.5</u> ft., Diameter. ... <u>6</u> in. to ... <u>60</u> ft., Diameter ... <u>2</u> in. to ... <u>105</u> ft.	Casing height above land surface..... <u>+2.5 ft</u> Weight lbs./ft. Wall thickness or gauge No. <u>Sch 40</u>	
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7</u> 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 <u>3</u> Mill slot 5 Gauzed 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..... <u>115</u> ft. to <u>105</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft.		
GRAVEL PACK INTERVALS: From..... <u>115</u> ft. to <u>102</u> 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 102 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 13 Insecticide storage 6 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 Product plume

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS log
<u>0</u>	<u>12.5</u>	<u>Dark Brown to red-brown silty clay</u>			
<u>12.5</u>	<u>20.5</u>	<u>Olive green shale</u>	<u>88</u>	<u>99</u>	<u>light olive green to tan shale</u>
<u>20.5</u>	<u>210.5</u>	<u>tan cherty limestone</u>	<u>99</u>	<u>115</u>	<u>light gray to tan fractured limestone</u>
<u>26.5</u>	<u>29</u>	<u>Dark gray silty shale</u>			
<u>29</u>	<u>44.5</u>	<u>tan to gray limestone</u>	<u>115</u>		<u>black shale</u>
<u>44.5</u>	<u>53.5</u>	<u>Dark gray shale</u>			
<u>53.5</u>	<u>60.5</u>	<u>tan cherty limestone (gray)</u>			
<u>60.5</u>	<u>69</u>	<u>Shale</u>			
<u>69</u>	<u>75</u>	<u>tan limestone</u>			
<u>75</u>	<u>88</u>	<u>dark red shale</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 0 constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ... 5/16/08 ... and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 570 This Water Well Record was completed on (mo/day/year) ... 8/27/08
under the business name of Aquadrill Inc. by (signature) Map Rich

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, 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 \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.