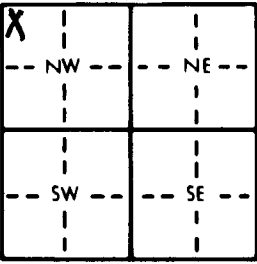


1 LOCATION OF WATER WELL: County: <u>Sedgwick</u>		Fraction <u>NW 1/4 NW 1/4 NW 1/4</u>		Section Number <u>21</u>	Township Number <u>T 27 S</u>	Range Number <u>R 2 EW</u>																																																																								
Distance and direction from nearest town or city street address of well if located within city? <u>Approx. 600' south of Hoyt Ave and Central Ave intersection, Wichita, KS</u> MW-38D																																																																														
2 WATER WELL OWNER: <u>Raytheon Aircraft Co.</u> RR#, St. Address, Box #: <u>4704 E. Central</u> City, State, ZIP Code: <u>Wichita, KS 67206</u>				Board of Agriculture, Division of Water Resources Application Number: <u>NA</u>																																																																										
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: <u>105</u> ft. ELEVATION: <u>1369.47</u> Depth(s) Groundwater Encountered 1. <u>NA</u> ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL <u>89.09</u> ft. below land surface measured on mo/day/yr <u>11/23/96</u> 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 <u>6</u> in. to _____ ft. and _____ in. to _____ ft. WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) 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>																																																																												
5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC Blank casing diameter <u>2</u> in. to <u>95</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface <u>0.0</u> in., weight <u>sch 40</u> lbs./ft. Wall thickness or gauge No. _____ 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) 10 Asbestos-cement 11 Other (specify) 12 None used (open hole) CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>X</u>																																																																														
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Stainless steel 4 Galvanized steel 3 Mill slot 4 Key punched 5 Fiberglass 6 Concrete tile 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 7 PVC 8 RMP (SR) 9 ABS 10 Saw cut 11 None (open hole) 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)																																																																														
SCREEN-PERFORATED INTERVALS: From <u>95</u> ft. to <u>105</u> ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From <u>90</u> ft. to <u>105</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 <u>0.0</u> ft. to <u>8.6</u> ft., From <u>8.6</u> ft. to <u>9.0</u> ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) Direction from well? <u>North</u> How many feet? <u>600 feet</u>																																																																														
<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>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0.5</td> <td>Concrete</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.5</td> <td>29.5</td> <td>Silty clay; gypsum nodules; weathered shale from 12-15'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>29.5</td> <td>40</td> <td>Silty shale; gypsum nodules; 0.5" thick gypsum layer at 29.5'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>48</td> <td>gypsum</td> <td></td> <td></td> <td></td> </tr> <tr> <td>48</td> <td>55</td> <td>Silty shale; gypsum cement</td> <td></td> <td></td> <td></td> </tr> <tr> <td>55</td> <td>60.5</td> <td>gypsum</td> <td></td> <td></td> <td></td> </tr> <tr> <td>60.5</td> <td>65</td> <td>Silty shale; gypsum cement</td> <td></td> <td></td> <td></td> </tr> <tr> <td>65</td> <td>70.5</td> <td>gypsum and shale</td> <td></td> <td></td> <td></td> </tr> <tr> <td>70.5</td> <td>75</td> <td>Silty shale; trace gypsum</td> <td></td> <td></td> <td></td> </tr> <tr> <td>75</td> <td>90.5</td> <td>gypsum</td> <td></td> <td></td> <td></td> </tr> <tr> <td>90.5</td> <td>105</td> <td>shale; trace silt; interbedded with gypsum; 2' and 3' thick gypsum at 95' and 101'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	0.5	Concrete				0.5	29.5	Silty clay; gypsum nodules; weathered shale from 12-15'				29.5	40	Silty shale; gypsum nodules; 0.5" thick gypsum layer at 29.5'				40	48	gypsum				48	55	Silty shale; gypsum cement				55	60.5	gypsum				60.5	65	Silty shale; gypsum cement				65	70.5	gypsum and shale				70.5	75	Silty shale; trace gypsum				75	90.5	gypsum				90.5	105	shale; trace silt; interbedded with gypsum; 2' and 3' thick gypsum at 95' and 101'			
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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) <u>1/16/96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>597</u> This Water Well Record was completed on (mo/day/yr) <u>1/27/96</u> under the business name of <u>Alliance Environmental, Inc</u> by (signature) <u>[Signature]</u>																																																																														