

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																					
County: Butler		SE ¼ SW ¼ NE ¼		28		T 27 S		R 4 E/W																																																																																					
Distance and direction from nearest town or city street address of well if located within city? The well is located approximately 172 feet north and 1,672 feet west of W 2nd Ave and SW Dike Road in Augusta. Latitude N37° 40' 22.92" Longitude W96° 59' 44.92"																																																																																													
2 WATER WELL OWNER: Williams Petroleum Services, LLC																																																																																													
RR#, St. Address, Box #: PO Box 3483					Board of Agriculture, Division of Water Resources																																																																																								
City, State, ZIP Code: Tulsa, Oklahoma 74101-3483					Application Number: Not Applicable																																																																																								
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 33.5 ft. ELEVATION:																																																																																											
		Depth(s) Groundwater Encountered 1 15 ft. 2 _____ ft. 3 _____ ft.																																																																																											
		WELL'S STATIC WATER LEVEL 18.95 ft. below land surface measured on mo/day/yr 9/4/08																																																																																											
		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 8 in. to 33.5 ft. and _____ in. to _____ ft.																																																																																											
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well																																																																																													
Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes _____ No _____																																																																																													
5 TYPE OF BLANK CASING USED:																																																																																													
1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded																																																																																													
Blank casing diameter 2 in. to 28.5 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.																																																																																													
Casing height above land surface 27.6 in., weight 0.682 lbs./ft. Wall thickness or gauge No. 0.1875 in.																																																																																													
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement																																																																																													
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____																																																																																													
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)																																																																																													
SCREEN OR PERFORATION OPENINGS ARE:																																																																																													
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)																																																																																													
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes																																																																																													
7 Torch cut 10 Other (specify) _____																																																																																													
SCREEN-PERFORATED INTERVALS: From 28.5 ft. to 33.5 ft. From _____ ft. to _____ ft.																																																																																													
From _____ ft. to _____ ft. From _____ ft. to _____ ft.																																																																																													
GRAVEL PACK INTERVALS: From 26 ft. to 38.5 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 26 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 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) oil collection pond																																																																																													
Direction from well? SE How many feet? approximately 1,080																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>CODE</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>25</td> <td>03</td> <td>Dark brown, silty clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td>30</td> <td>04</td> <td>Dark gray, sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>33.5</td> <td>35</td> <td>Sandy clay and gravel</td> <td></td> <td></td> <td></td> </tr> <tr> <td>33.5</td> <td>33.5</td> <td>20</td> <td>Cherty limestone</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>										FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	25	03	Dark brown, silty clay				25	30	04	Dark gray, sandy clay				30	33.5	35	Sandy clay and gravel				33.5	33.5	20	Cherty limestone																																																				
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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/yr) 8/25/08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 616 This Water Well Record was completed on (mo/day/yr) 3/19/09 under the business name of Thiele Geotech, Inc. by (signature) <i>[Signature]</i>																																																																																													

OFFICE USE ONLY

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