

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: McPherson		NW ¼ SW ¼ SW ¼		29		T 19 S		R 4 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city?						Lat. 38.365302																																																																																																			
1080' N & 50' E of 7th Ave. & Kiowa Rd.						Long. -97.795733																																																																																																			
2 WATER WELL OWNER: Williams Mid-Continent Fractionation & Storage																																																																																																									
RR#, St. Address, Box # : 1372 7th Ave.						Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : McPherson, Kansas 67460						Application Number:																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL . . . 150 . . . ft. ELEVATION:																																																																																																						
			Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.																																																																																																						
			WELL'S STATIC WATER LEVEL . . . 69.25 . . . ft. below TOC measured on mo/day/yr . . . 11/27/2012 . . .																																																																																																						
			Pump test data: Well water was . . . NA . . . ft. after hours pumping gpm																																																																																																						
			Est. Yield . . . NA . . . gpm: Well water was ft. after hours pumping gpm																																																																																																						
			Bore Hole Diameter . . . 6 . . . in. to . . . 150 . . . ft. and in. to ft.																																																																																																						
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 Lawn and garden only 10 Monitoring <input checked="" type="checkbox"/>																																																																																																						
Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/>			If yes, mo/day/yr sample was submitted																																																																																																						
Water Well Disinfected? Yes No <input checked="" type="checkbox"/>																																																																																																									
5 TYPE OF BLANK CASING USED:																																																																																																									
1 Steel			3 RMP (SR)		6 Asbestos-Cement		9 Other (specify below)																																																																																																		
2 PVC			4 ABS		7 Fiberglass		CASING JOINTS: Glued Clamped																																																																																																		
Blank casing diameter . . . 2 . . . in. to . . . 140 . . . ft. Dia in. to ft. Dia in. to ft.			Welded Threaded. <input checked="" type="checkbox"/>																																																																																																						
Casing height above land surface . . . 30 . . . in., weight lbs./ft. Wall thickness or gauge No. . . . Sch. 80																																																																																																									
TYPE OF SCREEN OR PERFORATION MATERIAL																																																																																																									
1 Steel			3 Stainless steel		5 Fiberglass		7 PVC																																																																																																		
2 Brass			4 Galvanized steel		6 Concrete tile		8 RMP (SR)																																																																																																		
SCREEN OR PERFORATION OPENINGS ARE:			5 Gauzed wrapped		8 Saw cut		11 None (open hole)																																																																																																		
1 Continuous slot			3 Mill slot		6 Wire wrapped		9 Drilled holes																																																																																																		
2 Louvered shutter			4 Key punched		7 Torch cut		10 Other (specify)																																																																																																		
SCREEN-PERFORATED INTERVALS: From . . . 140 . . . ft. to . . . 150 . . . ft. From ft. to ft.																																																																																																									
GRAVEL PACK INTERVALS: From . . . 135 . . . ft. to . . . 150 . . . ft. From ft. to ft.																																																																																																									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																									
Grout Intervals: From . . . 0 . . . ft. to . . . 3 . . . ft. From . . . 3 . . . ft. to . . . 130 . . . ft. From . . . 130 . . . ft. to . . . 135 . . . ft.																																																																																																									
What is the nearest source of possible contamination:																																																																																																									
1 Septic tank			4 Lateral lines		7 Pit privy		10 Livestock pens																																																																																																		
2 Sewer lines			5 Cess pool		8 Sewage lagoon		11 Fuel storage																																																																																																		
3 Watertight sewer lines			6 Seepage pit		9 Feedyard		12 Fertilizer storage																																																																																																		
							13 Insecticide storage																																																																																																		
Direction from well? ENE							How many feet? 190																																																																																																		
<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>7</td> <td>Hydroexcavated - No Sample,</td> <td>135.5</td> <td>145</td> <td>Shale, well indurated, Brown</td> </tr> <tr> <td>7</td> <td>15</td> <td>Clay, silty, Brown to Red Brown</td> <td>145</td> <td>150</td> <td>Shale, Brown to Red Brown</td> </tr> <tr> <td>15</td> <td>31</td> <td>Clay, sl. silty, Red Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>31</td> <td>40</td> <td>Shale, Red Brown w/Green to Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td>42</td> <td>Shale, Lt. Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>42</td> <td>63</td> <td>Shale, Red Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>70</td> <td>Shale, Lt. Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>70</td> <td>75</td> <td>Shale, well indurated, Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>75</td> <td>77</td> <td>Shale, Lt. Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>77</td> <td>85.5</td> <td>Shale, Red Brown w/Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>85.5</td> <td>87</td> <td>Shale, Lt. Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>87</td> <td>96</td> <td>Shale, w/occ. Lt. Gray Green, Red Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>96</td> <td>98</td> <td>Shale, well indurated, Lt. Gray Green</td> <td></td> <td></td> <td>TH10D, Abovegrade</td> </tr> <tr> <td>98</td> <td>135</td> <td>Shale, Red Brown w/Gray Green</td> <td></td> <td></td> <td></td> </tr> <tr> <td>135</td> <td>135.5</td> <td>Anhydrite, White to Gray</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	7	Hydroexcavated - No Sample,	135.5	145	Shale, well indurated, Brown	7	15	Clay, silty, Brown to Red Brown	145	150	Shale, Brown to Red Brown	15	31	Clay, sl. silty, Red Brown				31	40	Shale, Red Brown w/Green to Gray Green				40	42	Shale, Lt. Gray Green				42	63	Shale, Red Brown				63	70	Shale, Lt. Gray Green				70	75	Shale, well indurated, Brown				75	77	Shale, Lt. Gray Green				77	85.5	Shale, Red Brown w/Gray Green				85.5	87	Shale, Lt. Gray Green				87	96	Shale, w/occ. Lt. Gray Green, Red Brown				96	98	Shale, well indurated, Lt. Gray Green			TH10D, Abovegrade	98	135	Shale, Red Brown w/Gray Green				135	135.5	Anhydrite, White to Gray			
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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) . . . 11/27/2012 . . . and this record is true to the best of my knowledge and belief.																																																																																																									
Kansas Water Well Contractor's License No. . . . 527 . . . This Water Well Record was completed on (mo/day/yr) . . . 12/27/12 . . .																																																																																																									
under the business name of GeoCore, Inc. by (signature) <i>Paul Bell</i>																																																																																																									