

1 LOCATION OF WATER WELL:		Fraction		Section Number	Township Number	Range Number																																																																																																
County: McPherson		SE ¼ NW ¼ SW ¼		28	T 19 S	R 4 E/W																																																																																																
Distance and direction from nearest town or city street address of well if located within city? 5 miles West of McPherson, Kansas																																																																																																						
2 WATER WELL OWNER: Mid-Continent Fractionation & Storage 1372 Seventh Avenue RR#, St. Address, Box # : McPherson, KS 67460 City, State, ZIP Code : Board of Agriculture, Division of Water Resources Application Number:																																																																																																						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 126 ft. ELEVATION: 0																																																																																																				
		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 NA ft. after hours pumping gpm Est. Yield NA gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 9.25 in. to 78 ft. and 6.25 in. to 126 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 well 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) 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 <input checked="" type="checkbox"/> Blank casing diameter 2 in. to 101.15 ft. Dia in. to ft. Dia in. to ft. Casing height above land surface 30 in., weight lbs./ft. Wall thickness or gauge No. Sch. 40																																																																																																				
		TYPE OF SCREEN OR PERFORATION MATERIAL																																																																																																				
		1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) 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 101.5 ft. to 126 ft. From ft. to ft.																																																																																																						
GRAVEL PACK INTERVALS: From 94.9 ft. to 126 ft. From ft. to ft.																																																																																																						
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other																																																																																																						
Grout Intervals: From 0 ft. to 74 ft. From 74 ft. to 94.9 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) Brine ponds Direction from well? WSW How many feet? 3960																																																																																																						
<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>5</td> <td>Clay, trace silt, Dark Grayish Brown</td> <td>83</td> <td>84.2</td> <td>Shale, dry, fresh, Greenish Gray</td> </tr> <tr> <td>5</td> <td>9</td> <td>Clay, Light Brownish Gray</td> <td>84.2</td> <td>84.4</td> <td>Shale, dry to damp, Dark Gray</td> </tr> <tr> <td>9</td> <td>12</td> <td>Silt, clayey, Grading to Very Dark Gray</td> <td>84.4</td> <td>87.2</td> <td>Shale, dry, fresh, Medium Dark Gray</td> </tr> <tr> <td>12</td> <td>18</td> <td>Silt, clayey, medium consistency, Pale Brown</td> <td>87.2</td> <td>88.7</td> <td>Shale, dry, fresh, Light Gray</td> </tr> <tr> <td>18</td> <td>29</td> <td>Clay, low plasticity, Brownish Yellow</td> <td>88.7</td> <td>92.4</td> <td>Shale, dry, slightly weathered, Dark Gray</td> </tr> <tr> <td>29</td> <td>38</td> <td>Clay, sandy, Light Yellowish Brown</td> <td>92.4</td> <td>96.8</td> <td>Shale, dry, Medium Dark Gray</td> </tr> <tr> <td>38</td> <td>47</td> <td>Sand, clayey, very fine to fine grained</td> <td>96.8</td> <td>101.5</td> <td>Shale, dry, Dark Gray</td> </tr> <tr> <td>47</td> <td>65</td> <td>Sand, fine to coarse grained</td> <td>101.5</td> <td>102</td> <td>Shale, dry, fresh, Grayish Brown</td> </tr> <tr> <td>65</td> <td>73</td> <td>Sand, coarse grained, trace gravel</td> <td>102</td> <td>102.6</td> <td>Shale, dry, slightly weathered, Dark Gray</td> </tr> <tr> <td>73</td> <td>75</td> <td>Shale, highly weathered, Greenish Gray</td> <td>102.6</td> <td>103.6</td> <td>Shale, damp to moist, Dark Gray</td> </tr> <tr> <td>75</td> <td>78</td> <td>Shale, highly weathered, Reddish Brown</td> <td>103.6</td> <td>108.2</td> <td>Shale, dry to damp, Dark Gray</td> </tr> <tr> <td>78</td> <td>79</td> <td>Shale, dry to damp, Dark Gray</td> <td>108.2</td> <td>122</td> <td>Shale, Medium Dark Gray</td> </tr> <tr> <td>79</td> <td>79.6</td> <td>Shale, dry, Greenish Gray</td> <td>122</td> <td>126</td> <td>Shale, dry to damp, Medium Dark Gray</td> </tr> <tr> <td>79.6</td> <td>81.8</td> <td>Shale, damp, Grayish Brown</td> <td></td> <td></td> <td></td> </tr> <tr> <td>81.8</td> <td>83</td> <td>Shale, dry to damp, Dark Gray</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	5	Clay, trace silt, Dark Grayish Brown	83	84.2	Shale, dry, fresh, Greenish Gray	5	9	Clay, Light Brownish Gray	84.2	84.4	Shale, dry to damp, Dark Gray	9	12	Silt, clayey, Grading to Very Dark Gray	84.4	87.2	Shale, dry, fresh, Medium Dark Gray	12	18	Silt, clayey, medium consistency, Pale Brown	87.2	88.7	Shale, dry, fresh, Light Gray	18	29	Clay, low plasticity, Brownish Yellow	88.7	92.4	Shale, dry, slightly weathered, Dark Gray	29	38	Clay, sandy, Light Yellowish Brown	92.4	96.8	Shale, dry, Medium Dark Gray	38	47	Sand, clayey, very fine to fine grained	96.8	101.5	Shale, dry, Dark Gray	47	65	Sand, fine to coarse grained	101.5	102	Shale, dry, fresh, Grayish Brown	65	73	Sand, coarse grained, trace gravel	102	102.6	Shale, dry, slightly weathered, Dark Gray	73	75	Shale, highly weathered, Greenish Gray	102.6	103.6	Shale, damp to moist, Dark Gray	75	78	Shale, highly weathered, Reddish Brown	103.6	108.2	Shale, dry to damp, Dark Gray	78	79	Shale, dry to damp, Dark Gray	108.2	122	Shale, Medium Dark Gray	79	79.6	Shale, dry, Greenish Gray	122	126	Shale, dry to damp, Medium Dark Gray	79.6	81.8	Shale, damp, Grayish Brown				81.8	83	Shale, dry to damp, Dark 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) 4/9/2003 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) 5/2/2003 under the business name of GeoCore, Inc. by (signature) <i>Dale Relf</i>																																																																																																						
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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																																						

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