

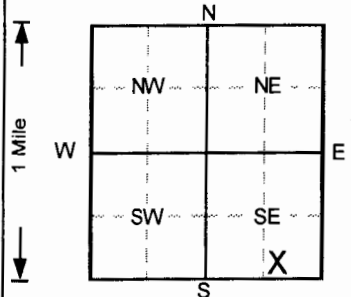
1 LOCATION OF WATER WELL: County: **McPherson** Fraction **SW 1/4 SE 1/4 SE 1/4** Section Number **29** Township Number **T 19 S** Range Number **R 4 E/W**

Distance and direction from nearest town or city street address of well if located within city?
 ~50' N and 875' W of 8th Ave & Kiowa Rd

Lat. **38.362478**
 Long. **-97.780349**

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 **149.5** ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **0** ft below measured on mo/day/yr **11/28/2012**
 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 well**
 Was a chemical/bacteriological sample submitted to Department? Yes.....No ; 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 7 Fiberglass 9 Other (specify below) Welded
 Blank casing diameter **2** in. to **139.5** 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. 80**
 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 **139.5** ft to **149.5** ft, From ft to ft.
 From ft to ft, From ft to ft.
 GRAVEL PACK INTERVALS: From **134** ft to **150** 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 **3** ft, From **3** ft to **130** ft, From **130** ft to **134** ft
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy **11** Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? **ENE** How many feet? **130**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	Hydroexcavated - No Sample,			
7	20	Shale, Red Brown w/Gray Green			
20	21.5	Shale, Lt. Gray			
21.5	35	Shale, w/Gray Green stringers, Red Brown			
35	37	Shale, Lt. Gray to Gray Green			
37	40	Shale, Red Brown mottled Gray Green			
40	41	Shale, Lt. Gray to Gray Green			
41	74	Shale, Red Brown to Brown w/Gray Green			
74	77	Shale, Gray to Gray Green mottled Brown			
77	103	Shale, Brown to Red Brown w/Gray			
103	105	Shale, Lt. To Med. Gray w/tr. Brown			
105	116	Shale, Brown to Red Brown			
116	120	Shale, Lt. To Med. Gray grd to Lt. Gray Gre			TX9D, Abovegrade
120	129	Shale, ~4" thick Xln anhydrite at 121', Brown			
129	150	Shale, Gray			

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) **11/28/2012** 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) **11/27/12**
 under the business name of **GeoCore, Inc.** by (signature) *Dale Bell*