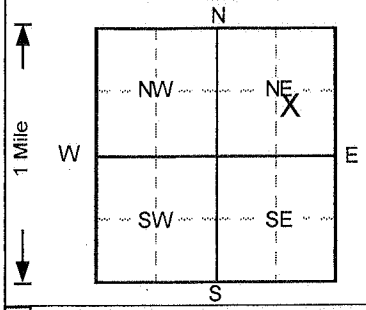
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: McPherson	NW ¼ SE ¼ NE ¼	5	T 20 S	R 3 (E)/W

Distance and direction from nearest town or city street address of well if located within city?
~80' E & 15' N of E center edge of tank A-25

2 WATER WELL OWNER: NCRA
RR#, St. Address, Box # : P.O. Box 1401
City, State, ZIP Code : McPherson, Kansas 67460
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 152 ft. ELEVATION:
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 in. to 158 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
(2) PVC 4 ABS 7 Fiberglass Threaded ✓
Blank casing diameter 4 in. to 82 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 (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: 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 82 ft. to 152 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 78 ft. to 158 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 72 ft., From 72 ft. to 78 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)
13 Insecticide storage
Direction from well? E How many feet? 80

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Clay, silty, topsoil, Brown	112	128	Sand, m-c, subrounded,
2	14	Clay, silty, plastic, Gray Brown	128	130	Sand, thin light gray clay stringers,
14	29	Clay, v. silty, plastic, Lt. Brown	130	139	Sand, vf-c, loose, good porosity, subrounded,
29	38	Silt, clayey, Lt. Brown	139	145	Clay, plastic, w/thin sand lens, Lt. Brown
38	50	Clay, v. plastic, Yellow	145	151	Sand, vf-c, subrounded,
50	57	Sand, pred vf w/tr m-c w/lt brown clay strngrs	151	156	Clay, prob wthrd shale, Lt. Green
57	60	Clay, silty to sandy, Lt. Gray	156	158	Shale, sl. wthrd, Lt. Green
60	68	Sand, vf, silty, Lt. Brown			
68	73	Clay, v. silty, plastic w/thin vf sand strngrs, Lt.			
73	79	Clay, silty, Med. Gray			
79	90	Sand, m-c, ~90% quartz, V. Lt. Gray			
90	100	Sand, f-c w/f gravel, good porosity, V. Lt. Gra			
100	106	Sand, vf-c, silty, occ lt red brown clay strngrs,			MW89
106	109	Sand, m-c, subrounded,			Project Name: NCRA - Refinery
109	112	Sand, light gray clay stringers,			GeoCore # 809 , #

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) 12/17/2013 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) 12/19/2013 under the business name of GeoCore, Inc. by (signature)

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.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼