

WATER WELL RECORD

Form WWC-5

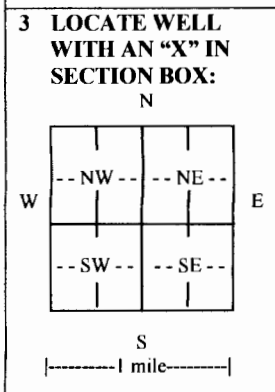
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Dickinson	Fraction ¼ NE ¼ NW ¼ NW ¼	Section Number 33	Township No. T 14 S	Range Number R 3 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here
 Mink Rd, 1300 BLK
 Navarre, KS 67451 MW-12

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation: 1344.82
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: USDA-FSA Stop 0513, Rm 4714-S
 RR#, Street Address, Box #: 1400 Independence Ave. SW
 City, State, ZIP Code : Washington D.C. 20250-0513



4 DEPTH OF COMPLETED WELL 60 ft.

Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL 31.1 ft. below land surface measured on mo/day/yr. 11/21/14
 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 4 in. to 25 ft., and 3.25 in. to 60 ft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well Sand Point
 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 CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 1.0 in. to 50 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 0 in., Weight lbs./ft., Wall thickness or gauge No. Sch 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
 SCREEN-PERFORATED INTERVALS: From 50 ft. to 60 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 48 ft. to 60 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 2 ft. to 48 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from well Southwest Distance from well 193'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0'	3'	Top Soil			
3'	31'	Clay			
31'	57'	Sand & Clay			
57'	60'	Clay			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 11/23/14 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 680 This Water Well Record was completed on (mo/day/year) 12/1/14
 under the business name of Delta Environmental by (signature)

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>

Argonne National Laboratories
 Navarre, Kansas Site
 December 5, 2014 Wells
 Kansas North Zone State Plain Coordinates

Point No.	North	East	Elevation	Description
100	169654.072	1566283.703	1344.96	MW6D TC
101	169655.071	1566283.781	1345.20	MW6D GS
102	169644.315	1566279.096	1344.90	MW6S GS
103	169643.127	1566278.989	1344.64	MW6S TC
104	169593.060	1566238.026	1345.34	BARKER WELL
105	169594.739	1566238.556	1344.05	BARKER GS
106	169564.905	1566236.579	1343.48	BARKER HYDRANT
107	170080.743	1566099.297	1343.77	LI9 GS
108	169610.854	1565520.847	1343.71	BARKER 2 HYDRANT
109	169607.128	1565521.100	1344.09	BARKER 2 WELL
110	169610.416	1565521.997	1343.64	BARKER 2 GS
111	170103.271	1565396.270	1342.40	LI 10 GS
112	170094.639	1565382.740	1342.69	MW13 GS
113	170093.260	1565381.507	1342.50	MW13 TC
114	170492.061	1565396.576	1343.81	LI 11 GS
115	170442.625	1565366.037	1343.76	MW14 TC
116	170444.182	1565365.628	1344.04	MW14 GS
117	171121.002	1565360.184	1346.09	MW COOP TC
118	171121.805	1565360.082	1343.77	MW COOP GS
119	170528.677	1566176.931	1344.47	LI 7 GS
120	170536.450	1566199.027	1344.82	MW 12 GS
121	170536.468	1566200.524	1344.59	MW 12 TC
122	170313.656	1566867.112	1347.11	LI 8 GS
123	170309.907	1566870.879	1347.26	MW 11S GS
124	170308.965	1566870.178	1346.88	MW 11S TC
125	170304.322	1566873.663	1347.15	MW 11D TC
126	170305.397	1566874.319	1347.36	MW 11D GS
127	170488.574	1566719.845	1347.64	G ANDERSON HYDRANT
128	170112.645	1566888.593	1348.00	L 3 TC
129	170113.253	1566888.800	1348.32	L 3 GS
130	169718.625	1566868.978	1347.59	NW 3 TC
131	169719.738	1566869.413	1348.15	NW 3 GS
132	169455.633	1566837.153	1346.50	LI 3 GS
133	169446.634	1566838.387	1346.50	MW 7 GS
134	169445.961	1566838.495	1346.20	MW 7 TC
135	169298.917	1567500.523	1351.87	LI 4 GS
136	169306.420	1567500.433	1352.00	MW 8 GS
137	169305.428	1567500.487	1351.62	MW 8 TC
138	169792.263	1567589.472	1354.15	BEEM HYDRANT
139	170704.924	1567170.765	1348.44	EICHELBERGER HYDRANT