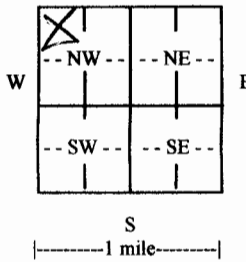


WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Norton	Fraction NW ¼ NW ¼ NW ¼ NW ¼	Section Number 33	Township No. T 1 S	Range Number R 24 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> 7.5 miles west and 7 miles north of Norton, KS		Global Positioning System (GPS) information: Latitude: .39.9286380..... (in decimal degrees) Longitude: -100.0386110..... (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: handheld.....) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: Dale Retke RR#, Street Address, Box #: 2819 Road W8 City, State, ZIP Code : Norton, KS 67654				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N 	4 DEPTH OF COMPLETED WELL 140..... ft. Depth(s) Groundwater Encountered (1) 82..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 82..... ft. below land surface measured on mo/day/yr. 10/18/10..... Pump test data: Well water was 127..... ft. after 1..... hours pumping 25..... gpm EST. YIELD 25..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 10..... in. to 140..... ft., and..... in. to..... ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Other (Specify below) Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5..... in. to 120..... ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.
 Casing height above land surface 18..... in., Weight..... lbs./ft., Wall thickness or gauge No. 375"

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 120..... ft. to 140..... ft., From..... ft. to..... ft.
 From..... ft. to..... ft., From..... ft. to..... ft.
GRAVEL PACK INTERVALS: From 25..... ft. to 140..... 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 0-25..... ft. to..... 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 None known within 2 miles..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See Attached Log			

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) 10/18/10..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 433..... This Water Well Record was completed on (mo/day/year) 10/27/2010..... under the business name of Sargent Irrigation..... by (signature) *Karen Blagov*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. 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>.

Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268
Holdrege, NE 68949

825 Brewster Road

Phone: (308) 995-6143
1-800-860-2946

TEST HOLE LOG

CUSTOMER: Dale Retke	DATE: 10/18/10
WELL ID: 1	
LOCATION: NW ¼, 33-T1S-R24W, Norton Co., NE	
LATITUDE: 39.9286380	
LONGITUDE: -100.0386110	
FOOTAGES: 173' S of North line & 41' E of West line	
DRILLED BY: Kent Matousek	

SWL: 82'
PWL: 127'
GPM: 25

from feet - to feet

0	20	Top soil and sandy clay
20	22	Sandy clay
22	40	Sandstone with traces of clay
40	85	Layers of sandstone, lime and limestone
85	95	Medium sand
95	100	Sandstone, lime and limestone
100	110	Medium sand and sandstone
110	120	Lime and limestone
120	140	Medium sand with traces of sandstone
140	150	Fine sand
150	172	Lime and limestone
172	180	Fine sand

Well Information:

Well depth: 140'	Bore hole: 10"	Casing size: 5"
Plain casing: 10"	Perf. casing: 20'	Slot size: .016"
Perf. Set: 120'	Gravel: 25-140'	Grout: 0-25'
Well Development: 2hrs	Yards of Gravel: 18	Bags of Grout: 14