

1 LOCATION OF WATER WELL:

County: Harvey

Fraction

NE ¼ NE ¼ NE ¼ NE ¼

Section Number

27

Township No.

T 24 S

Range Number

R 2

☐ E ☒ W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.

On the southwest of intersection SW 84th St. and 151st St. W.

Global Positioning System (GPS) information:

Latitude: .37°.56'27.5"..... (in decimal degrees)

Longitude: 097°.31'09.8"..... (in decimal degrees)

Elevation:

Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27

Collection Method:

☒ GPS unit (Make/Model: Garmin.....)

☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey

Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER:

City of Wichita

RR#, Street Address, Box #: 455 North Main St.

City, State, ZIP Code : Wichita, KS 67202

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N

W

☐

☐

☐

☒

☐

☐

☐

☐

E

S

|-----1 mile-----|

4 DEPTH OF COMPLETED WELL 155..... ft.

Depth(s) Groundwater Encountered (1).26.6..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL 26.6..... ft. below land surface measured on mo/day/yr. 01/25/10.....

Pump test data: Well water was .40.....ft. after .2..... hours pumping .600..... gpm

EST. YIELD .800....gpm Well water was .53.7.....ft. after .4..... hours pumping .1200..... gpm

Bore Hole Diameter 42.....in. to 53..... ft., and 32.....in. to 155.....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

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 Stainless steel (SS).....

CASING JOINTS: ☐ Glued ☐ Clamped ☒ Welded ☐ Threaded See Attachment

Casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface .18..... in., Weight 98/100SS....lbs./ft., Wall thickness or gauge No.500".....

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..... ft. to ft., From ft. to ft.

From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From .20..... ft. to 52..... ft., From 54..... ft. to 155..... ft.

From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: ☐ Neat cement ☒ Cement grout ☒ Bentonite ☐ Other

Grout Intervals: From C-0..... ft. to 20..... ft., From B-52..... ft. to 54..... 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

Distance from well Over 1000 feet.....

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

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) 01/12/2010.... and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 755..... This Water Well Record was completed on (mo/day/year) 02/19/2010.....

under the business name of Sargent Drilling..... by (signature) [Signature].....

Sargent Drilling
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

PO Box 367
Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-
1-888-496-3902

TEST HOLE LOG

CUSTOMER: City of Wichita	
WELL ID: MR20	
LOCATION: NE ¼ NE ¼ NE ¼ NE ¼, 27-T24S-R2W, Harvey Co., KS	
LATITUDE: 37° 56' 27.7"	
LONGITUDE: 097° 31' 09.5"	
FOOTAGES: 5136 feet from the South section line and 163 feet from the East section line.	
DATE: 10-13-09	DRILLED BY: CL

SWL:

PWL:

<u>from feet</u>	<u>- to feet</u>	
0	15	Topsoil and sandy clay
15	20	Fine and medium sand
20	60	Fine, medium and coarse sand and fine and medium gravel with clay layers
60	80	Fine, medium and coarse sand with clay layers
80	100	Fine, medium and coarse sand and fine gravel with clay layers
100	120	Fine, medium and coarse sand and fine gravel with clay strips
120	133	Clay
133	155	Fine, medium and coarse sand and fine gravel
155	160	Clay
160	170	Shale

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MR20 – Section 5

	FROM	TO
Steel Recharge Casing – 4" - .337" wall Grade B	0'	50'
Carbon Steel Casing – 18" - .500" wall A53 Grade B	0'	69'
Stainless Steel Casing – 18" - .500" wall ASTM A312	69'	74'
Stainless Steel Screen – 18" - .500" wall .050 slot 304 Stainless	74'	120'
Stainless Steel Casing – 18" - .500" wall ASTM A312	120'	133'
Stainless Steel Screen – 18" - .500" wall .050 slot 304 Stainless	133'	150'
Stainless Steel Casing: - 18" - .500" wall ASTM A312	150'	155'

