

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

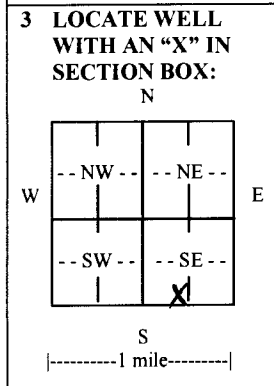
12,606 6,548

<b>1 LOCATION OF WATER WELL:</b> County: Haskell	Fraction ¼ SE ¼ SW ¼ SE ¼	Section Number 33	Township No. T 27 S	Range Number R 33 <input type="checkbox"/> E <input checked="" 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  approx 6.5 miles southwest of Hwy 83 & Finney/Haskell county line

**Global Positioning System (GPS) information:**  
 Latitude: 37.65004 (in decimal degrees)  
 Longitude: 100.93156 (in decimal degrees)  
 Elevation: 3018  
 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:** Woodford-O'brate  
 RR#, Street Address, Box #: PO Box 399  
 City, State, ZIP Code : Garden City, KS 67846



**4 DEPTH OF COMPLETED WELL 648** ft.

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

WELL'S STATIC WATER LEVEL 398 ft. below land surface measured on mo/day/yr 7/22/11

Pump test data: Well water was 522 ft. after 4 hours pumping 452 gpm

EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm

Bore Hole Diameter 24 in. to 648 ft., and ..... in. to ..... 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

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter 16 in. to 648 ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface 12 in., Weight 42.09 lbs./ft., Wall thickness or gauge No. 0.250

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 410 ft. to 540 ft., From 578 ft. to 628 ft.

GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other

Grout Intervals: From 0 ft. to 20 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 **None Detected**

Direction from well ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	surface	353	370	blue clay
2	27	brown clay	370	415	sand fine to med coarse, some small
27	79	sand fine to med, few clay	415	434	brown clay, sands
79	128	brown clay, limerock	434	455	sand fine to med coarse
128	242	snd fine-med coarse, sm-lrge gravel	455	461	brown clay
242	256	brown clay, few limerock	461	471	sand fine to med
256	310	blue clay	471	499	brown-white clay, limerock
310	322	sand fine-med coarse, couple small	499	529	sand silty. clay
322	340	brown clay, limerock	529	579	brown clay, few silty sand
340	353	brown clay few sands	579	598	brown 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) 7/22/11 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) 7/22/11 under the business name of Hydro Resources by (signature) [Signature]

**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>.

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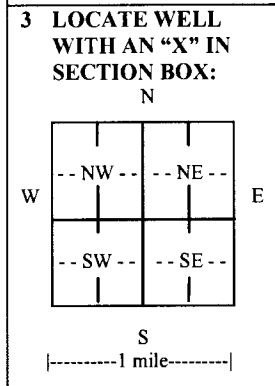
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .

**Global Positioning System (GPS) information:**  
 Latitude: ..... (in decimal degrees)  
 Longitude: ..... (in decimal degrees)  
 Elevation: .....  
 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

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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.....ft. after..... hours pumping..... gpm

EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm

Bore Hole Diameter .....in. to .....ft., and .....in. to .....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 .....

CASING JOINTS:  Glued  Clamped  Welded  Threaded

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

Casing height above land surface..... in., Weight .....lbs./ft., Wall thickness or gauge No. ....

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

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 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 .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
598	607	sand fine to med coarse, brown rock			
607	616	yellow soapstone, brown sandstone			
616	628	soapstone, shales, few sandstone			
628	648	shale, few soapstone			

**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) ..... and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. .... This Water Well Record was completed on (mo/day/year) 7/23/11

under the business name of ..... by (signature) Benjamin R. K... ..

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