

WATER WELL RECORD

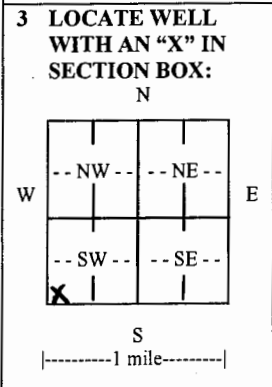
Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Haskell Fraction 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 33 Township No. T 27 S Range Number R 33 [ ] E [X] W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: approx. 7 miles southwest of Hwy. 83 and Finney/Haskell county line Global Positioning System (GPS) information: Latitude: 37.65016 Longitude: 100.94347 Elevation: 2996 Datum: [ ] WGS 84, [ ] NAD 83, [X] NAD 27 Collection Method: [X] GPS unit, [ ] Digital Map/Photo, [ ] Topographic Map, [ ] Land Survey Est. Accuracy: [ ] <3 m, [ ] 3-5 m, [ ] 5-15 m, [ ] >15 m

2 WATER WELL OWNER: O'Brate Realty RR#, Street Address, Box #: PO Box 399 City, State, ZIP Code: Garden City, KS 67846



3 LOCATE WELL WITH AN 'X' IN SECTION BOX: N W E S 4 DEPTH OF COMPLETED WELL 640 Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 386..... ft. below land surface measured on mo/day/yr. 9/26/10..... Pump test data: Well water was 460..... ft. after 4..... hours pumping, 1003..... gpm EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 24..... in. to 640..... 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) [X] Irrigation [ ] Industrial [ ] Domestic-lawn & garden [ ] Monitoring well Was a chemical/bacteriological sample submitted to Department? [ ] Yes [X] No If yes, mo/day/yr sample was submitted..... Water well disinfected? [X] Yes [ ] No

5 TYPE OF CASING USED: [X] Steel [ ] PVC [ ] Other CASING JOINTS: [ ] Glued [ ] Clamped [X] Welded [ ] Threaded Casing diameter .16..... in. to 640..... ft., Diameter..... in. to..... 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: [X] Steel [ ] Stainless Steel [ ] PVC [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) [ ] Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: [X] Continuous slot [ ] Mill slot [ ] Gauze wrapped [ ] Torch cut [ ] Drilled holes [ ] None (open hole) [ ] Louvered shutter [ ] Key punched [X] Wire wrapped [ ] Saw cut [ ] Other (specify) SCREEN-PERFORATED INTERVALS: From 420..... ft. to 460..... ft., From 515..... ft. to 535..... ft. From 586..... ft. to 616..... ft., From..... ft. to..... ft. GRAVEL PACK INTERVALS: From 20..... ft. to 640..... ft., From..... ft. to..... ft. From..... ft. to..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] 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 [X] 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 None Detected Distance from well.....

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows describe soil layers from 0 to 517 feet depth.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [ ] reconstructed, or [ ] plugged under my jurisdiction and was completed on (mo/day/year) 9/26/10..... 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) 10/19/10..... under the business name of Hydro Resources Mid Continent..... 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 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.

**WATER WELL RECORD**

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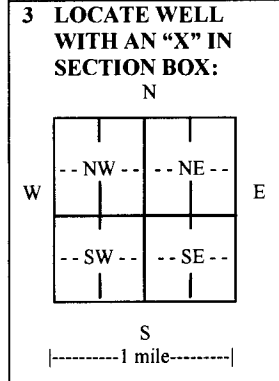
Division of Water Resources App. No.

<b>1 LOCATION OF WATER WELL:</b> County:	Fraction ¼ SW ¼ SW ¼ SW 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 .

**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

**2 WATER WELL OWNER:**  
 RR#, Street Address, Box #: O'Brate Realty  
 City, State, ZIP Code :



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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
517	532	sand fine to med coarse			
532	568	brown clay			
568	585	brwn sndy cly w/ few sm sand strips			
585	616	sand fine-med coarse w/ brwn rock			
616	618	yellow soapstone			
618	640	shale			

**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) .....  
 under the business name of ..... 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 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>.