

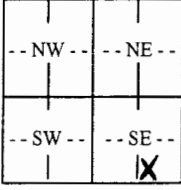
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

30,370

| | | | | |
|---|------------------------------|--|------------------------|---|
| 1 LOCATION OF WATER WELL: County: HASKELL | Fraction ¼ SW ¼ SE ¼ SE ¼ | Section Number 21 | Township No. T 27 S | Range Number R 31 <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"/> JUNCTION 83 & 56 SOUTHWEST OF SUBLETTE-14 MILES NORTH 9 MILES EAST 595' N 1275' W | | Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <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: ROBERT NIGHTENGALE RR#, Street Address, Box #: 2225 50th ROAD City, State, ZIP Code : COPELAND, KS. 67837 | | | | |

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| 3 LOCATE WELL WITH AN "X" IN SECTION BOX: N  W E S -----1 mile----- | 4 DEPTH OF COMPLETED WELL 415 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 260ft. below land surface measured on mo/day/yr. 7-14-10..... 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 30.....in. to 415.....ft., andin. toft. 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 type="checkbox"/> Other (Specify below) <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---|--|

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter .16..... in. to .305..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface...12..... in., Weight 42.05.....lbs./ft., Wall thickness or gauge No. ...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...305..... ft. to ...415..... ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From...20..... ft. to ...230..... ft., From ...290..... ft. to ...415..... ft.
 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 230..... ft. to 290..... 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 N/A.....
 Direction from well Distance from well

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|------|----|------------------|------|----|--|
| | | SEE ATTACHED LOG | | | |
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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) 7-14-10..... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 208..... This Water Well Record was completed on (mo/day/year) 7-20-10.....
 under the business name of Minter Wilson Drilling Co. Inc..... by (signature) *Cara Bakker*.....

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>.

*The
Professionals*

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NAME BOB NIGHTENGALE
COUNTY HASKELL
DATE 6-16-10

LOCATION: SE 1/4 21-27-31 - SOUTH OF PIERCEVILLE TO THE COUNTRY STORE
 1-1/2 MILES WEST ON THE NORTH SIDE
 - 550 FT. NORTH & 75 FT. EAST OF EXISTING WELL

STATIC WATER LEVEL - APPROX. 260 FT.

TEST #1

0' TO 2' - TOP SOIL
2' TO 11' - BROWN CLAY
11' TO 40' - BROWN SANDY CLAY
40' TO 58' - BROWN CLAY
58' TO 172' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
172' TO 195' - BROWN CLAY
195' TO 215' - BROWN & BLUE CLAY
215' TO 235' - FINE TO MEDIUM SAND & GRAVEL - 10% CLAY
235' TO 245' - BROWN CLAY
245' TO 278' - BROWN CLAY WITH SMALL GRAVEL STREAKS - TIGHT
278' TO 285' - BROWN CLAY
285' TO 353' - FINE TO MEDIUM SAND & GRAVEL
353' TO 381' - FINE TO MEDIUM SAND & GRAVEL - 10% CLAY - TIGHT
381' TO 400' - BROWN CLAY WITH SMALL GRAVEL STREAKS
400' TO 464' - BROWN CLAY
464' TO 477' - BROWN YELLOW CLAY
477' TO 482' - BROWN YELLOW GRAY CLAY
482' TO 500' - GRAY SHALE