

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

12777

1 LOCATION OF WATER WELL: County: HASKELL Fraction 1/4 SW 1/4 SW 1/4 NW 1/4 Section Number 10 Township No. T 27 S Range Number R 31 [ ] E [x] W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [ ] PIERCEVILLE-10 MILE SOUTH TO COUNTY LINE, 2 MILE SOUTH 2,870 FT. N. & 4,752 FT. W.
2 WATER WELL OWNER: RICHARD & LANA UNRUH RR#, Street Address, Box #: 295 TT RD City, State, ZIP Code : COPELAND, KS. 67837
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

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S [ ] NW [ ] NE [ ] SW [ ] SE [x] in NW [ ] S [ ] 1 mile

4 DEPTH OF COMPLETED WELL 290 ft. Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 219.5 ft. below land surface measured on mo/day/yr. 3-17-2010. 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 290 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? [ ] Yes [x] No

5 TYPE OF CASING USED: [ ] Steel [ ] PVC [ ] Other CASING JOINTS: [ ] Glued [ ] Clamped [x] Welded [ ] Threaded Casing diameter .16 in. to 220 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: [x] Steel [ ] Stainless Steel [ ] PVC [ ] Other (Specify) [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [ ] Continuous slot [x] 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 220 ft. to 290 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 140 ft., From 200 ft. to 290 ft. From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: [ ] Neat cement [x] Cement grout [ ] Bentonite [ ] Other Grout Intervals: From 0 ft. to 20 ft., From 140 ft. to 200 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

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: SEE ATTACHED LOG

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) 3-17-2010 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) 3-19-2010 under the business name of MINTER WILSON DRILLING CO. INC. by (signature) Nora Keller

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*

# MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation  
and Domestic  
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Complete Installation  
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Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME RICHARD UNRUH  
COUNTY HASKELL  
DATE 12-14-09

LOCATION: NW 1/4 10-27-31 - SOUTH OF PIERCEVILLE TO ARDERY'S CORNER  
1 MILE WEST, 3/4 OF A MILE NORTH  
- SOUTHWEST EDGE OF CIRCLE

STATIC WATER LEVEL - 190 FT.

## TEST #5

0' TO 3' - FINE SAND  
3' TO 29' - BROWN SANDY CLAY  
29' TO 35' - WHITE CLAY WITH STRIPS OF WHITE ROCK  
35' TO 42' - BROWN SANDY CLAY  
42' TO 119' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE  
119' TO 136' - BROWN SANDY CLAY  
136' TO 147' - FINE TO MEDIUM SAND & GRAVEL  
147' TO 158' - BROWN CLAY  
158' TO 181' - FINE TO MEDIUM SAND & GRAVEL WITH LAYERS OF BROWN CLAY  
181' TO 190' - BROWN SANDY CLAY  
190' TO 261' - FINE TO MEDIUM SAND & GRAVEL  
WITH STRIPS OF BROWN SANDY CLAY 15%  
261' TO 268' - FINE TO MEDIUM SAND & GRAVEL  
WITH LAYERS OF WHITE CLAY & ROCK - TIGHT  
268' TO 338' - BROWN SANDY CLAY WITH STRIPS OF HARD WHITE ROCK  
338' TO 352' - BROWN SANDY CLAY WITH 15% BROWN ROCK - TIGHT  
352' TO 368' - BROWN, RED & YELLOW CLAY WITH 30% BROWN ROCK - TIGHT  
- 300 PULL DOWN  
368' TO 380' - SHALE - 400 PULL DOWN