

WATER WELL RECORD

Form WWC-5

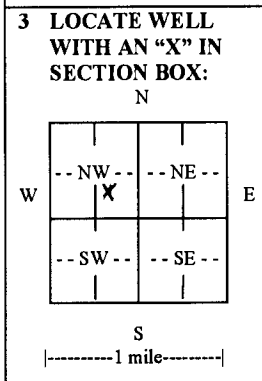
Division of Water Resources App. No.

23,454

1 LOCATION OF WATER WELL: County: KEARNY Fraction 1/4 NW 1/4 SE 1/4 NW 1/4 Section Number 23 Township No. T 25 S Range Number R 35 [ ]E [X]W

Street/Rural Address of Well Location: DEERFIELD-3/4 M. SE, 1/4 M. NE TO DEERFIELD LANE, 7-1/2 M. S., 3,775' N. & 3,755' W. Global Positioning System (GPS) information: Latitude: Longitude: Elevation: Datum: [ ] WGS 84, [ ] NAD 83, [ ] NAD 27 Collection Method: [ ] 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: WHEATLAND ELECTRIC COOP INC RR#, Street Address, Box #: PO BOX 230 City, State, ZIP Code : SCOTT CITY, KS 67871



3 LOCATE WELL WITH AN 'X' IN SECTION BOX: N W E S | 4 DEPTH OF COMPLETED WELL 460 ft. Depth(s) Groundwater Encountered (1) 309 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 309 ft. below land surface measured on mo/day/yr. 7-7-11 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 460 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: [X] Steel [ ] PVC [ ] Other CASING JOINTS: [ ] Glued [ ] Clamped [X] Welded [ ] Threaded Casing diameter 16 in. to 290 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 [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) [ ] Other (Specify) 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 290 ft. to 460 ft., From ft. to ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 215 ft., From 275 ft. to 460 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 215 ft. to 275 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 [X] Abandoned water well [ ] Watertight sewer lines [ ] Seepage pit [ ] Feedyard [ ] Fertilizer storage [ ] Oil well/gas well Direction from well NORTHWEST Distance from well 185' N. & 205' W.

Table with columns FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 2 contains the text '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) 7-7-11 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) 7-8-11 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.

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NAME WHEATLAND ELECTRIC - CIRCLE # M19  
COUNTY KEARNY  
DATE 2-24-11

LOCATION: NW 1/4 23-25-35 - FROM PREMIER'S SHOP - 1/2 MILE NORTH,  
3/4 OF A MILE WEST & 1/4 MILE NORTH  
- 300 FT. SOUTHEAST OF EXISTING WELL

STATIC WATER LEVEL -

## TEST # 2

0' TO 15' - FINE SAND  
15' TO 25' - FINE TO MEDIUM SAND  
WITH STRIPS OF BROWN SANDY CLAY  
25' TO 65' - FINE TO MEDIUM SAND & GRAVEL  
WITH STRIPS OF BROWN SANDY CLAY  
65' TO 78' - BROWN SANDY CLAY WITH STRIPS OF SAND & GRAVEL  
78' TO 109' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE  
109' TO 137' - BROWN & GRAY CLAY  
137' TO 193' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE  
193' TO 210' - BROWN CLAY  
210' TO 218' - GRAY CLAY  
218' TO 224' - FINE TO MEDIUM SAND & GRAVEL  
224' TO 242' - BROWN SANDY CLAY WITH STRIPS OF SAND & GRAVEL  
242' TO 255' - FINE TO MEDIUM SAND & GRAVEL  
255' TO 259' - FINE TO MEDIUM SAND & GRAVEL WITH STRIPS OF WHITE ROCK  
259' TO 264' - BROWN SANDY CLAY  
264' TO 270' - FINE TO MEDIUM SAND & GRAVEL  
270' TO 278' - BROWN SANDY CLAY  
278' TO 325' - FINE TO MEDIUM SAND  
WITH LAYERS OF BROWN SANDY CLAY - 30%  
325' TO 337' - FINE TO MEDIUM SAND & GRAVEL  
337' TO 344' - BROWN SANDY CLAY  
344' TO 349' - FINE TO MEDIUM SAND & GRAVEL  
WITH STRIPS OF BROWN SANDY CLAY - 20%  
349' TO 393' - BROWN SANDY CLAY & BROWN CLAY  
WITH STRIPS OF WHITE ROCK  
393' TO 395' - BROWN ROCK  
395' TO 408' - BROWN, YELLOW, WHITE & RED CLAY WITH 20% BROWN ROCK  
408' TO 410' - LOOSE BROWN ROCK - LOST CIRCULATION  
410' TO 432' - HARD BROWN & YELLOW CLAY  
WITH STRIPS OF SAND STONE - 20%  
432' TO 435' - SAND STONE - LOOSE  
435' TO 439' - HARD BROWN CLAY & GRAY SHALE - 300 PULL DOWN  
439' TO 441' - SAND STONE - LOOSE  
441' TO 450' - HARD BROWN CLAY & GRAY SHALE  
WITH STRIPS OF SAND STONE - 20%  
450' TO 456' - GRAY SHALE WITH STRIPS OF SAND STONE - 30%  
456' TO 485' - SHALE - 350 PULL DOWN