

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

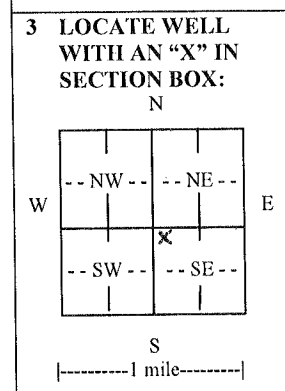
13,615

1 LOCATION OF WATER WELL: County: FINNEY Fraction 1/4 NW 1/4 NW 1/4 SE 1/4 Section Number 22 Township No. T 24 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 []. E SIDE OF GARDEN CITY-6 M E ON HWY 50, 2 M E ON POLE LINE RD, 1 M S, 2382' N & 2601' W

2 WATER WELL OWNER: ROY AND JANICE HARMS RR#, Street Address, Box #: 2007 ANTELOPE DRIVE City, State, ZIP Code : GARDEN CITY, KS 67846

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: 4 DEPTH OF COMPLETED WELL 310 ft. Depth(s) Groundwater Encountered (1) 182 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 182 ft. below land surface measured on mo/day/yr. 1-14-14 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 310 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 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 310 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 150 ft., From 210 ft. to 310 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 150 ft. to 210 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 Direction from well Distance from well

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Content: 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) 1-23-14 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) 1-31-14 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 one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. 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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Professionals*

MINTER-WILSON DRILLING CO. INCORPORATED

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and Domestic
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NAME ROY HARMS
COUNTY FINNEY
DATE 12-9-13

LOCATION: E 1/2 22-24-31 - POLE LINE ROAD - 1-1/2 MILES EAST & 1/2 MILE SOUTH
ON THE EAST SIDE

STATIC WATER LEVEL - APPROX. 190 FT.

TEST # 1

0' TO 1' - TOP SOIL
1' TO 46' - BROWN CLAY
46' TO 60' - BROWN CLAY WITH WHITE ROCK MIXED
60' TO 65' - FINE TO MEDIUM SAND & GRAVEL
65' TO 80' - BROWN CLAY
80' TO 105' - BROWN CLAY WITH SMALL GRAVEL STREAKS
105' TO 110' - FINE TO MEDIUM SAND & GRAVEL
110' TO 140' - BROWN CLAY WITH GRAVEL STREAKS
140' TO 202' - BROWN CLAY WITH WHITE ROCK MIXED
202' TO 217' - BROWN CLAY WITH FINE SAND STREAKS
217' TO 245' - FINE TO MEDIUM SAND
245' TO 293' - FINE TO MEDIUM SAND & GRAVEL - 10% CLAY
293' TO 308' - BROWN CLAY WITH WHITE ROCK - 50%
308' TO 310' - BROWN YELLOW CLAY
310' TO 320' - SHALE