

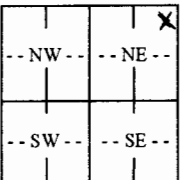
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

20,946

1 LOCATION OF WATER WELL: County: KEARNY	Fraction ¼ NE ¼ NE ¼ NE ¼	Section Number 26	Township No. T 25 S	Range Number R 35 <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"/> LAKIN-1 M. S., 7 M. E. TO DEERFIELD LANE, 5 M. S., 4,938 FT. NORTH & 452 FT. WEST		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: VAUGHN NIGHTENGALE RR#, Street Address, Box #: 2439 ROAD 115 City, State, ZIP Code : LAKIN, KS 67860				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL 508 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... 240 ft. below land surface measured on mo/day/yr. 12-28-09 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 508 ft., and in. to ft. 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
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5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter **.16** in. to **.315** 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 **315** ft. to **508** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **240** ft., From **300** ft. to **508** 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 **240** ft. to **300** 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			

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) **12-28-09** 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)
 under the business name of **MINTER-WILSON DRLG. 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
and Repairing

Phone 620-276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

NAME VAUGHN NIGHTENGALE
COUNTY KEARNY
DATE 10-19-09

LOCATION: NE 1/4 26-25-35 - FROM PREMIER'S SHOP - 1/8TH OF A MILE WEST & 1/8TH OF A MILE SOUTH
NORTHEAST EDGE OF CIRCLE

STATIC WATER LEVEL - 285'

TEST #4

0' TO 12' - FINE SAND
12' TO 23' - BROWN SANDY CLAY
23' TO 57' - FINE TO MEDIUM SAND & GRAVEL - SOME COARSE
57' TO 59' - BROWN CLAY
59' TO 61' - WHITE CLAY
61' TO 74' - BROWN SANDY CLAY
74' TO 89' - FINE TO MEDIUM SAND & GRAVEL
89' TO 125' - BROWN SANDY CLAY WITH STRIPS OF SAND & GRAVEL
125' TO 143' - FINE TO MEDIUM SAND & GRAVEL WITH STRIPS OF BROWN CLAY
143' TO 157' - BROWN SANDY CLAY WITH STRIPS OF SAND & GRAVEL
157' TO 168' - BROWN CLAY
168' TO 195' - BLUE CLAY
195' TO 213' - FINE TO MEDIUM SAND & GRAVEL WITH LAYERS OF BROWN & BLUE CLAY 30%
213' TO 231' - BROWN SANDY CLAY WITH LAYERS OF SAND & GRAVEL 25%
231' TO 235' - FINE TO MEDIUM SAND & GRAVEL
235' TO 243' - SANDY BROWN CLAY WITH STRIPS OF SAND & GRAVEL 15%
243' TO 259' - FINE TO MEDIUM SAND & GRAVEL
259' TO 264' - BROWN SANDY CLAY
264' TO 278' - FINE TO MEDIUM SAND & GRAVEL
278' TO 283' - BROWN SANDY CLAY WITH STRIPS OF WHITE CLAY
283' TO 289' - FINE TO MEDIUM SAND & GRAVEL WITH STRIPS OF BROWN & WHITE SANDY CLAY 15%
289' TO 297' - HARD WHITE CLAY - SOME BROWN CLAY
297' TO 306' - FINE TO MEDIUM SAND & GRAVEL
306' TO 314' - BROWN SANDY CLAY
314' TO 320' - FINE TO MEDIUM SAND & GRAVEL WITH STRIPS OF BROWN SANDY CLAY
320' TO 341' - SANDY BROWN & WHITE CLAY WITH STRIPS OF HARD WHITE ROCK - TIGHT
341' TO 353' - BROWN SANDY CLAY WITH STRIPS OF SAND
353' TO 361' - FINE TO MEDIUM SAND WITH STRIPS OF BROWN CLAY
361' TO 368' - BROWN CLAY
368' TO 380' - FINE TO MEDIUM SAND & GRAVEL WITH STRIPS OF BROWN CLAY 30%
380' TO 386' - BROWN CLAY
386' TO 397' - FINE TO MEDIUM SAND & GRAVEL WITH LAYERS OF BROWN CLAY 30%
397' TO 435' - BROWN SANDY CLAY
435' TO 485' - BROWN CLAY WITH LAYERS OF SANDY BROWN CLAY
485' TO 496' - GOOD LOOSE BROWN ROCK
496' TO 506' - HARD BROWN, YELLOW & WHITE CLAY WITH SOME BROWN ROCK - 300 PULL DOWN
506' TO 515' - BROWN, YELLOW, WHITE CLAY WITH GRAY SHALE & SOME BROWN ROCK
515' TO 529' - GRAY SHALE WITH SOME YELLOW CLAY & SOME BROWN CLAY
529' TO 530' - HARD BLACK ROCK - 600 PULL DOWN
530' TO 540' - SHALE - 400 PULL DOWN - SOME BROWN, YELLOW & RED CLAY
540' TO 545' - SHALE WITH SOME BROWN, YELLOW & RED CLAY - 500 PULL DOWN
545' TO 605' - GRAY SHALE WITH STRIPS OF BROWN & YELLOW SANDY CLAY - 10% BROWN ROCK