

## WATER WELL RECORD Form WWC-5 KSA 82a-1212

|  |                                  |                      |                           |                        |
|--|----------------------------------|----------------------|---------------------------|------------------------|
| 1 LOCATION OF WATER WELL:<br>COUNTY: 041 HASKELL | Fraction<br>SE 1/4 SE 1/4 NE 1/4 | Section Number<br>15 | Township Number<br>T 28 S | Range Number<br>R 31 W |
|--|----------------------------------|----------------------|---------------------------|------------------------|

Distance and direction from nearest town or city street address of well if located within city?  
FROM COPELAND; APPX 4 3/4 MILES NORTH & 3 MILES WEST

2 WATER WELL OWNER: LAWRENCE WITHERS  
RR#, St. Address, Box #: 2298 90TH RD  
City, State, ZIP code: COPELAND, KS 67837-

*North Well of Battery of 2 wells*  
Board of Agriculture, Division of Water Resources  
Application Number: 18,410

3 LOCATE WELL'S LOCATION WITH  
AN "X" IN SECTION BOX:

|     |     |    |     |    |
|-----|-----|----|-----|----|
| / \ |     |    |     |    |
| 1   | --- | NW | --- | NE |
| M   |     |    |     |    |
| i   | W   |    |     | E  |
| l   |     |    |     |    |
| e   |     |    |     |    |
|     |     | SW |     | SE |
| \ / |     |    |     |    |

4 DEPTH OF COMPLETED WELL 619 ELEVATION: 0  
Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.

WELL'S STATIC WATER LEVEL 327 ft. below land surface measured on mo/day/yr 11/12/04  
Pump test data: Well water was 372 ft. after 4 hours pumping 400 gpm

Estimated Yield 0 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm

Bore Hole Diameter 24 in. to 619 ft., and in. to 0 ft.

WELL WATER TO BE USED AS: 02 IRRIGATION

Was a chemical/bacteriological sample submitted to department? No;  
If yes, mo/day/yr sample was submitted Water well disinfected? No

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED  
Blank casing diameter 16 in. to 619 ft., Dia in. to 0 ft., Dia in. to 0 ft.  
Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250  
TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL  
SCREEN OR PERFORATION OPENINGS ARE: 01 CONT SLOT

|                              |                          |                         |
|------------------------------|--------------------------|-------------------------|
| SCREEN PERFORATED INTERVALS: | From 332 ft. to 392 ft., | From 467 ft. to 487 ft. |
|                              | From 434 ft. to 454 ft., | From 589 ft. to 599 ft. |
| GRAVEL PACK INTERVALS:       | From 20 ft. to 619 ft.,  | From 0 ft. to 0 ft.     |
|                              | From 0 ft. to 0 ft.,     | From 0 ft. to 0 ft.     |

6 GROUT MATERIAL 03 BENTONITE

Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.

What is the nearest source of possible contamination: IRRIGATION WELL

Direction from well? SOUTHEAST

How many feet? 510

| FROM | TO  | LITHOLOGIC LOG                       | FROM | TO | PLUGGING INTERVALS |
|------|-----|--------------------------------------|------|----|--------------------|
| 0    | 2   | 02 SILT                              |      |    |                    |
| 2    | 78  | 04 SANDY CLAY 31 CALICHE 05 SAND     |      |    |                    |
| 78   | 95  | 07 FINE SAND 08 MEDIUM SAND          |      |    |                    |
| 95   | 124 | 01 CLAY                              |      |    |                    |
| 124  | 159 | 05 SAND 01 CLAY 13 FINE GRAVEL       |      |    |                    |
| 159  | 262 | 05 SAND 13 FINE GRAVEL 14 MED GRAVEL |      |    |                    |
| 262  | 273 | 01 CLAY                              |      |    |                    |
| 273  | 315 | 05 SAND 13 FINE GRAVEL 14 MED GRAVEL |      |    |                    |
| 315  | 320 | 01 CLAY                              |      |    |                    |
| 320  | 387 | 05 SAND 11 GRAVEL 01 CLAY            |      |    |                    |

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 11/10/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 01/11/05 under the business name of HENKLE DRILLING & SUPPLY by (signature)

(Continued)

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Board of Agriculture, Division of Water Resources

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| FROM | TO  | LITHOLOGIC LOG                   |
|------|-----|----------------------------------|
| 387  | 390 | 01 CLAY                          |
| 390  | 410 | 01 CLAY                          |
| 410  | 424 | 01 CLAY 05 SAND                  |
| 424  | 434 | 01 CLAY 20 LIMESTONE             |
| 434  | 454 | 07 FINE SAND 01 CLAY             |
| 454  | 465 | 01 CLAY 20 LIMESTONE             |
| 465  | 489 | 07 FINE SAND 01 CLAY             |
| 489  | 526 | 05 SAND 01 CLAY 20 LIMESTONE     |
| 526  | 587 | 01 CLAY 20 LIMESTONE             |
| 587  | 599 | 05 SAND 13 FINE GRAVEL           |
| 599  | 612 | 01 CLAY                          |
| 612  | 623 | 31 CALICHE 20 LIMESTONE          |
| 623  | 650 | 19 SHALE 20 LIMESTONE            |
| 650  | 674 | 19 SHALE 20 LIMESTONE 31 CALICHE |
| 674  | 700 | 19 SHALE 20 LIMESTONE            |

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*Bum / Reichen H*