

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 047 KEARNEY 1/4 1/4 NC NE 1/4 33 T 25 S R 36 W

Distance and direction from nearest town or city street address of well if located within city?

APPROX. 1/4 MILE WEST AND 6 1/4 MILE SOUTH OF LAKIN

2 WATER WELL OWNER: BOEGEL FARMS
 RR#, St. Address, Box #: 36625 HWY 385
 City, State, ZIP code: WRAY, KS 6758-

Board of Agriculture, Division of Water Resources
 Application Number: 14,279

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

4 DEPTH OF COMPLETED WELL 520 ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4
1	2	3	4

WELL'S STATIC WATER LEVEL 115 ft. below land surface measured on mo/day/yr 03/04/91
 Pump test data: Well water was 182 ft. after 4 hours pumping 1930 gpm

Estimated Yield 1900 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 24 in. to 520 ft., and in. to 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 520 ft., Dia in. to ft., Dia in. to 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 195 ft. to 245 ft., From 397 ft. to 517 ft.

GRAVEL PACK INTERVALS: From 350 ft. to 380 ft., From ft. to ft.
 From 95 ft. to 520 ft., From ft. to ft.
 From 20 ft. to 85 ft., From ft. to ft.

6 GROUT MATERIAL 03 BENTONITE

Grout Intervals: From ft. to 20 ft., From 85 ft. to 95 ft., From ft. to ft.

What is the nearest source of possible contamination: 14 ABAND. WELL

Direction from well? NORTHEAST

How many feet? 265

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
	11	06 VERY FN SAND 07 FINE SAND 01 CLAY			
11	49	08 MEDIUM SAND 14 MED GRAVEL 28 ROCK			
49	81	08 MEDIUM SAND 14 MED GRAVEL 15 CRS GRAVEL			
81	121	01 CLAY 05 SAND 11 GRAVEL			
121	153	01 CLAY			
153	180	08 MEDIUM SAND 13 FINE GRAVEL 01 CLAY			
180	205	08 MEDIUM SAND 14 MED GRAVEL 23 SANDSTONE			
205	211	01 CLAY			
211	245	08 MEDIUM SAND 13 FINE GRAVEL 01 CLAY			
245	264	04 SANDY CLAY 20 LIMESTONE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 03/01/91 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) 03/16/91 under the business name of HENKLE DRILLING & SUPPLY by (signature) Bruce Reichardt

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FROM	TO	LITHOLOGIC LOG
264	278	01 CLAY 05 SAND 20 LIMESTONE
278	294	01 CLAY
294	299	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND
299	306	01 CLAY
306	320	07 FINE SAND 08 MEDIUM SAND 01 CLAY
320	330	01 CLAY
330	339	06 VERY FN SAND 07 FINE SAND 04 SANDY CLAY
339	350	01 CLAY
350	358	07 FINE SAND 08 MEDIUM SAND 01 CLAY
358	368	07 FINE SAND 08 MEDIUM SAND
368	373	01 CLAY
373	380	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND
380	395	01 CLAY
395	490	23 SANDSTONE 28 ROCK
490	517	19 SHALE 23 SANDSTONE
517	520	21 SHALE & LMST

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by (signature)

Bruce R. Kerschmann