

*Neav TH 5-05*

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number  
 COUNTY: 088 SEWARD SE 1/4 SE 1/4 SE 1/4 18 T 34 S R 33 W

Distance and direction from nearest town or city street address of well if located within city?  
 FROM LIBERAL; APPX 1 1/2 MILES NORTH

2 WATER WELL OWNER: CITY OF LIBERAL  
 RR#, St. Address, Box #: PO BOX 2199 Board of Agriculture, Division of Water Resources  
 City, State, ZIP code: LIBERAL, KS 67901-2199 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 630 ELEVATION: 0  
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.

WELL'S STATIC WATER LEVEL 168 ft. below land surface measured on mo/day/yr 08/11/05  
 Pump test data: Well water was 0 ft. after 0 hours pumping 0 gpm  
 Estimated Yield 0 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm  
 Bore Hole Diameter 9 7/8 in. to 630 ft., and in. to 0 ft.  
 WELL WATER TO BE USED AS: 10 MONITORING

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

5 TYPE OF BLANK CASING USED: 02 PVC CASING JOINTS: OTHER CASIN JOINT - Certiloch  
 Blank casing diameter 5 in. to 630 ft., Dia in. to 0 ft., Dia in. to 0 ft.  
 Casing height above land surface 24 in., weight 4 lbs/ft. Wall thickness or gauge No. .327  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 07 PVC  
 SCREEN OR PERFORATION OPENINGS ARE: 03 MILL SLOT

SCREEN PERFORATED INTERVALS: From 290 ft. to 310 ft., From 370 ft. to 390 ft.  
 From 330 ft. to 350 ft., From 410 ft. to 430 ft.  
 GRAVEL PACK INTERVALS: From 25 ft. to 630 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 200 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.  
 What is the nearest source of possible contamination: NONE OBSERVED  
 Direction from well? How many feet? 0

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	02 SILT			
2	18	01 CLAY 31 CALICHE			
18	57	07 FINE SAND 01 CLAY			
57	80	01 CLAY 20 LIMESTONE			
80	110	01 CLAY 20 LIMESTONE			
110	128	05 SAND 01 CLAY			
128	133	01 CLAY 20 LIMESTONE			
133	156	01 CLAY			
156	180	01 CLAY 20 LIMESTONE 05 SAND			
180	187	05 SAND 20 LIMESTONE 01 CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 08/09/05 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) 12/29/05 under the business name of HENKLE DRILLING & SUPPLY by (signature)

(Continued)

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

1 LOCATION OF WATER WELL: COUNTY: 088 SEWARD	Fraction SE 1/4 SE 1/4 SE 1/4	Section Number 18	Township Number T 34 S	Range Number R 33 W
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 RR#, St. Address, Box # : PO BOX 2199 Board of Agriculture, Division of Water Resources  
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SCREEN PERFORATED INTERVALS: From 450 ft. to 470 ft., From 530 ft. to 550 ft. *610-630*  
 From 490 ft. to 510 ft., From 570 ft. to 590 ft.

FROM	TO	LITHOLOGIC LOG
187	193	05 SAND
193	231	05 SAND 01 CLAY
231	241	05 SAND 13 FINE GRAVEL
241	260	05 SAND 01 CLAY
260	284	07 FINE SAND 08 MEDIUM SAND 01 CLAY
284	303	05 SAND
303	342	01 CLAY 05 SAND
342	372	07 FINE SAND 01 CLAY
372	380	01 CLAY
380	394	01 CLAY 05 SAND
394	408	07 FINE SAND
408	436	01 CLAY
436	452	07 FINE SAND 01 CLAY
452	464	01 CLAY
464	475	07 FINE SAND 01 CLAY
475	493	07 FINE SAND 08 MEDIUM SAND
493	508	07 FINE SAND 01 CLAY
508	519	01 CLAY 05 SAND
519	533	07 FINE SAND 01 CLAY
533	565	07 FINE SAND 01 CLAY
565	595	06 VERY FN SAND 07 FINE SAND 01 CLAY
595	631	07 FINE SAND
631	650	19 SHALE

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