

TW 8-05

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 088 SEWARD SE 1/4 NE 1/4 SE 1/4 17 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 1/4 MILE 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:

1	NW	NE			
M					
i					
l					
e					
	SW	SE	X		

4 DEPTH OF COMPLETED WELL 640 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.

WELL'S STATIC WATER LEVEL 172 ft. below land surface measured on mo/day/yr 08/05/05
 Pump test data: Well water was 223 ft. after 3 1/2 hours pumping 75 gpm

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

Bore Hole Diameter 9 7/8 in. to 640 ft., and in. to 0 ft.

WELL WATER TO BE USED AS: 10 MONITORING

Was a chemical/bacteriological sample submitted to department? Yes;
 If yes, mo/day/yr sample was submitted 8/24/05 Water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 02 PVC CASING JOINTS: OTHER - CERTILOCK
 Blank casing diameter 5 in. to 640 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 4 lbs/ft. Wall thickness or gauge No. .327
 TYPE OF SCREEN OR PERFORATION MATERIAL: 07 PVC
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 280 ft. to 340 ft., From 460 ft. to 480 ft.
 From 420 ft. to 440 ft., From 500 ft. to 520 ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 640 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	1	02 SILT			
1	11	07 FINE SAND			
11	31	05 SAND 01 CLAY			
31	80	01 CLAY 20 LIMESTONE 05 SAND			
80	102	05 SAND 01 CLAY			
102	120	05 SAND 01 CLAY			
120	126	07 FINE SAND 08 MEDIUM SAND			
126	136	01 CLAY			
136	163	07 FINE SAND 08 MEDIUM SAND 01 CLAY			
163	176	05 SAND			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 08/02/05 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) 10/06/05 under the business name of HENKLE DRILLING & SUPPLY by (signature)

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SCREEN PERFORATED INTERVALS:	From 540 ft. to 560 ft.,	From 620 ft. to 640 ft.
	From 580 ft. to 600 ft.,	From 0 ft. to 0 ft.

FROM	TO	LITHOLOGIC LOG
176	205	01 CLAY 05 SAND
205	230	05 SAND
230	250	05 SAND 11 GRAVEL 01 CLAY
250	257	07 FINE SAND 08 MEDIUM SAND 01 CLAY
257	280	07 FINE SAND 08 MEDIUM SAND
280	291	07 FINE SAND 01 CLAY
291	300	01 CLAY
300	345	07 FINE SAND 01 CLAY
345	367	01 CLAY
367	375	01 CLAY 05 SAND
375	381	01 CLAY 05 SAND
381	391	07 FINE SAND 08 MEDIUM SAND
391	400	07 FINE SAND 08 MEDIUM SAND
400	416	07 FINE SAND 08 MEDIUM SAND
416	421	01 CLAY
421	456	05 SAND
456	482	01 CLAY 05 SAND
482	490	07 FINE SAND 01 CLAY
490	504	07 FINE SAND
504	527	07 FINE SAND 08 MEDIUM SAND 01 CLAY
527	550	07 FINE SAND 01 CLAY
550	570	07 FINE SAND 08 MEDIUM SAND
570	587	01 CLAY
587	615	06 VERY FN SAND 07 FINE SAND 01 CLAY
615	636	06 VERY FN SAND 07 FINE SAND
636	645	19 SHALE

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