

WATER WELL RECORD Form WWO-0 KSA 82a 1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 088 SEWARD NW 1/4 SE 1/4 SE 1/4 25 T 34 S R 34 W

Distance and direction from nearest town or city street address of well if located within city?
 APPROX. 1/2 MILE WEST OF LIBERAL

2 WATER WELL OWNER: LIBERAL WTR DEPT, CITY OF
 RRF, 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: DEPTH OF COMPLETED WELL 620 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 152 ft. below land surface measured on mo/day/yr 07/24/98
 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 12.25 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

4 TYPE OF BLANK CASING USED: 02 PVC CASING JOINTS: GLUED
 Blank casing diameter 5 in. to 620 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 3 lbs/ft. Wall thickness or gauge No. .205
 TYPE OF SCREEN OR PERFORATION MATERIAL: 07 PVC
 SCREEN OR PERFORATION OPENINGS ARE: 03 MILL SLOT

5 SCREEN PERFORATED INTERVALS: From 300 ft. to 320 ft., From 380 ft. to 400 ft.
 From 340 ft. to 360 ft., From 420 ft. to 440 ft.
 GRAVEL PACK INTERVALS: From 200 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 3 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	32	04 SANDY CLAY 31 CALICHE 05 SAND			
32	46	07 FINE SAND 04 SANDY CLAY			
46	57	04 SANDY CLAY 31 CALICHE			
57	71	04 SANDY CLAY 05 SAND			
71	79	04 SANDY CLAY 05 SAND 20 LIMESTONE			
79	100	05 SAND 04 SANDY CLAY			
100	119	04 SANDY CLAY 05 SAND 20 LIMESTONE			
119	149	04 SANDY CLAY 20 LIMESTONE			
149	167	04 SANDY CLAY 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) 07/21/98 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) 09/01/98 under the business name of HENKLE DRILLING & SUPPLY by (signature) *Bruce Reichmuth*

(Continued)

WATER WELL RECORD Form WWC 5 KSA 204-1212

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COUNTY: 088 SEWARD	NW 1/4 SE 1/4 SE 1/4	25	T 34 S	R 34 W

12 WATER WELL OWNER:	LIBERAL WTR DEPT, CITY OF	Beard of Agriculture, Division of Water Resources
RA, St. Address, Box # :	PO BOX 2199	Application Number:
City, State, ZIP code :	LIBERAL, KS 67901-2199	

SCREEN PERFORATED INTERVALS:	From 460 ft. to 480 ft., From 540 ft. to 560 ft.
	From 500 ft. to 520 ft., From 580 ft. to 600 ft.

FROM	TO	LITHOLOGIC LOG
167	185	20 LIMESTONE 04 SANDY CLAY
185	193	04 SANDY CLAY 05 SAND
193	200	07 FINE SAND 08 MEDIUM SAND 01 CLAY
200	223	05 SAND 11 GRAVEL 01 CLAY
223	229	05 SAND 01 CLAY
229	280	07 FINE SAND 06 VERY FN SAND 01 CLAY
280	322	07 FINE SAND 08 MEDIUM SAND 01 CLAY
322	330	07 FINE SAND 06 VERY FN SAND 01 CLAY
330	340	07 FINE SAND 08 MEDIUM SAND 01 CLAY
340	392	07 FINE SAND 08 MEDIUM SAND
392	411	05 SAND 01 CLAY
411	421	07 FINE SAND 08 MEDIUM SAND 01 CLAY
421	470	07 FINE SAND 06 VERY FN SAND 01 CLAY
470	520	05 SAND 01 CLAY
520	529	07 FINE SAND 06 VERY FN SAND 01 CLAY
529	530	20 LIMESTONE
529	530	20 LIMESTONE
530	543	07 FINE SAND 06 VERY FN SAND 01 CLAY
543	544	20 LIMESTONE
544	571	07 FINE SAND 06 VERY FN SAND 01 CLAY
571	580	05 SAND 01 CLAY
580	590	01 CLAY 05 SAND
580	590	01 CLAY 05 SAND 01 CLAY
590	603	05 SAND 01 CLAY
603	650	07 FINE SAND 06 VERY FN SAND 01 CLAY
603	650	07 FINE SAND 06 VERY FN SAND 01 CLAY
650	657	01 CLAY 05 SAND
657	680	19 SHALE

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