

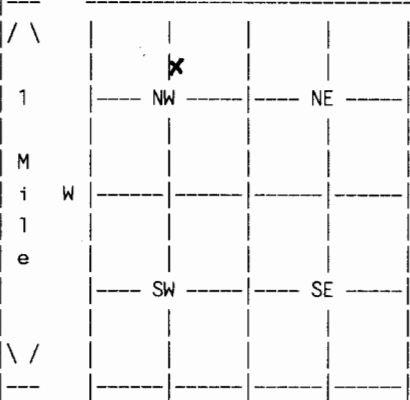
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: **088 SEWARD** SW 1/4 NE 1/4 NW 1/4 | **36** | T **34** S | R **33** W

Distance and direction from nearest town or city street address of well if located within city?
APPROX. 2 1/4 MILES EAST & 3/4 NORTH OF LIBERAL

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

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



4 DEPTH OF COMPLETED WELL **663** 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 **06/18/98**
 Pump testdata: 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 **6** in. to **700** 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: **GLUED**
 Blank casing diameter **1.5** in. to **663** ft., Dia in. to **0** ft., Dia in. to **0** ft.
 Casing height above land surface **12** in., weight **1** lbs/ft. Wall thickness or gauge No. **.145**
 TYPE OF SCREEN OR PERFORATION MATERIAL: **07 PVC**
 SCREEN OR PERFORATION OPENINGS ARE: **03 MILL SLOT**

SCREEN PERFORATED INTERVALS: From **283** ft. to **303** ft., From **363** ft. to **383** ft.
 From **303** ft. to **343** ft., From **403** ft. to **423** ft.
 GRAVEL PACK INTERVALS: From **30** ft. to **200** ft., From **0** ft. to **0** ft.
 From **200** ft. to **663** ft., From **0** ft. to **0** ft.

6 GROUT MATERIAL **03 BENTONITE**
 Grout Intervals: From **0** ft. to **30** 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	27	04 SANDY CLAY 31 CALICHE			
27	41	05 SAND 01 CLAY			
41	67	31 CALICHE 04 SANDY CLAY			
67	87	05 SAND 04 SANDY CLAY 07 FINE SAND			
87	108	04 SANDY CLAY 05 SAND 20 LIMESTONE			
108	168	04 SANDY CLAY 20 LIMESTONE 05 SAND			
168	176	07 FINE SAND 08 MEDIUM SAND			
176	177	20 LIMESTONE			
177	211	05 SAND 01 CLAY 11 GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) **06/18/98** 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) **07/21/98** under the business name of **HENKLE DRILLING & SUPPLY** by (signature)

(Continued)

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SCREEN PERFORATED INTERVALS: From **443** ft. to **463** ft., From **523** ft. to **543** ft. **603' TO 623'**
 From **483** ft. to **503** ft., From **563** ft. to **583** ft. **643' TO 663'**

FROM	TO	LITHOLOGIC LOG
211	368	05 SAND 01 CLAY
368	423	05 SAND
423	475	05 SAND 01 CLAY
423	475	05 SAND 01 CLAY
475	481	01 CLAY
481	501	07 FINE SAND 08 MEDIUM SAND 01 CLAY
501	510	04 SANDY CLAY 05 SAND
510	534	05 SAND 01 CLAY
534	572	07 FINE SAND 06 VERY FN SAND 03 SILTY CLAY
572	590	05 SAND 01 CLAY
590	615	07 FINE SAND 08 MEDIUM SAND
615	684	07 FINE SAND 08 MEDIUM SAND 01 CLAY
684	690	31 CALICHE 19 SHALE
690	700	19 SHALE

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by (signature) *Bruce Richmond*