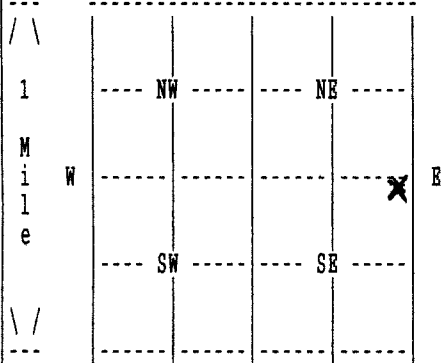


1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 088 SEWARD NE 1/4 NE 1/4 SE 1/4 18 T 34 S R 33 W

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 660 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.

WELL'S STATIC WATER LEVEL 166 ft. below land surface measured on mo/day/yr 10/31/05
 Pump testdata: Well water was 173 ft. after 4 hours pumping 68 gpm

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

Bore Hole Diameter 12 1/4 in. to 660 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 CASING JNT - *Certified*
 Blank casing diameter 5 in. to 660 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 240 ft. to 300 ft.,	From 360 ft. to 380 ft.	<i>440'-460'</i>	<i>520'-540'</i>
GRAVEL PACK INTERVALS:	From 320 ft. to 340 ft.,	From 400 ft. to 420 ft.	<i>480'-500'</i>	<i>560'-580'</i>
	From 20 ft. to 660 ft.,	From 0 ft. to 0 ft.		<i>600'-620'</i>
	From 0 ft. to 0 ft.,	From 0 ft. to 0 ft.		<i>640'-660'</i>

6 GROUT MATERIAL 03 BENTONITE
 Grout Intervals: From 0 ft. to 20 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	20	01 CLAY 31 CALICHE			
20	31	07 FINE SAND			
31	58	04 SANDY CLAY 05 SAND			
58	63	07 FINE SAND			
63	75	04 SANDY CLAY			
75	83	04 SANDY CLAY			
83	94	07 FINE SAND			
94	103	04 SANDY CLAY			
103	129	05 SAND			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 10/06/05 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) 01/12/06 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 NE 1/4 NE 1/4 SE 1/4	Section Number 18	Township Number T 34 S	Range Number R 33 W
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2 WATER WELL OWNER: CITY OF LIBERAL
 RR#, St. Address, Box # : PO BOX 2199
 City, State, ZIP code : LIBERAL, KS 67901-2199
 Board of Agriculture, Division of Water Resources
 Application Number:

SCREEN PERFORATED INTERVALS: From 440 ft. to 460 ft., From 520 ft. to 540 ft.
 From 480 ft. to 500 ft., From 560 ft. to 580 ft.

FROM	TO	LITHOLOGIC LOG
129	140	01 CLAY 20 LIMESTONE
140	164	04 SANDY CLAY 20 LIMESTONE
164	182	01 CLAY 20 LIMESTONE
182	210	05 SAND
210	216	01 CLAY 20 LIMESTONE
216	226	05 SAND
226	257	05 SAND 01 CLAY 13 FINE GRAVEL
257	274	05 SAND 01 CLAY
274	303	05 SAND
303	340	07 FINE SAND 01 CLAY
340	457	06 VERY FN SAND 07 FINE SAND 01 CLAY
457	545	06 VERY FN SAND 07 FINE SAND 01 CLAY
545	564	01 CLAY 05 SAND
564	592	06 VERY FN SAND 07 FINE SAND 01 CLAY
592	652	06 VERY FN SAND 07 FINE SAND 01 CLAY
652	701	06 VERY FN SAND 07 FINE SAND
701	717	01 CLAY
717	725	19 SHALE

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