

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 088 SEWARD SW 1/4 SE 1/4 SE 1/4 11 T 33 S R 32 W

Distance and direction from nearest town or city street address of well if located within city?
 FROM KISMET; APPX 1 1/4 MILES SOUTH & 3 MILES WEST

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: 45,723

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

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4 DEPTH OF COMPLETED WELL 344 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.

WELL'S STATIC WATER LEVEL 2/8 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 229 ft. after 12 hours pumping 300 gpm

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

Bore Hole Diameter 22 in. to 344 ft., and in. to 0 ft.

WELL WATER TO BE USED AS: 05 PUB. WTR SUP

Was a chemical/bacteriological sample submitted to department? Yes;
 If yes, mo/day/yr sample was submitted 12/7/05 Water well disinfected? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL & PVC CASING JOINTS: WELDED & GLUED
 Blank casing diameter 10.75 in. to 344 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 40 lbs/ft. Wall thickness or gauge No. .365 ← Steel
 TYPE OF SCREEN OR PERFORATION MATERIAL: 03 STAINLESS ST & PVC 11 1 1/2" 1511" W - PVC
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT SLOTTED

SCREEN PERFORATED INTERVALS: PVC From 213 ft. to 233 ft., From 274 ft. to 344 ft. - PVC
 SS From 233 ft. to 273 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 50 ft. to 115 ft., From 173 ft. to 344 ft.
 From 130 ft. to 173 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 02 CEMENT GROUT & BENTONITE
 Grout Intervals: From 5 ft. to 25 ft., From 25 ft. to 50 ft., From 115 ft. to 130 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	05 SAND			
1	14	07 FINE SAND			
14	21	01 CLAY 05 SAND			
21	28	01 CLAY 31 CALICHE			
28	39	01 CLAY 31 CALICHE			
39	52	01 CLAY 31 CALICHE			
52	70	01 CLAY 05 SAND			
70	117	05 SAND 13 FINE GRAVEL			
117	133	01 CLAY 05 SAND			
133	164	05 SAND 13 FINE GRAVEL 14 MED GRAVEL			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 12/03/05 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) 06/15/06 under the business name of HENKLE DRILLING & SUPPLY by (signature)

(Continued)

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

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FROM	TO	LITHOLOGIC LOG
164	177	05 SAND 01 CLAY
177	202	01 CLAY 20 LIMESTONE 05 SAND
202	237	06 VERY FN SAND 07 FINE SAND 01 CLAY
237	293	05 SAND 13 FINE GRAVEL 01 CLAY
293	303	07 FINE SAND 08 MEDIUM SAND
303	325	07 FINE SAND 01 CLAY
325	353	07 FINE SAND 01 CLAY
353	359	01 CLAY 20 LIMESTONE 05 SAND
359	361	01 CLAY
361	367	01 CLAY 20 LIMESTONE
367	384	19 SHALE
384	400	19 SHALE 31 CALICHE

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