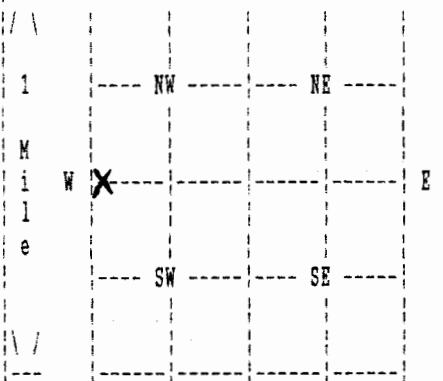


1 LOCATION OF WATER WELL: Fraction *Near Center of west side* Section Number Township Number Range Number  
 COUNTY: 088 SEWARD W 1/2 12 T 34 S R 34 W

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

2 WATER WELL OWNER: ENGEL, JACK Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: 1110 N JORDAN AVE  
 City, State, ZIP code: LIBERAL, KS 67901- Application Number: 42,491

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 642 ELEVATION: 0  
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.



WELL'S STATIC WATER LEVEL 138 ft. below land surface measured on mo/day/yr 06/16/97  
 Pump testdata: Well water was 307 ft. after 4 hours pumping 1001 gpm  
 Estimated Yield 1001 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm  
 Bore Hole Diameter 24 in. to 642 ft., and in. to 0 ft.  
 WELL WATER TO BE USED AS: 02 IRRIGATION  
 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: 01 STEEL CASING JOINTS: WELDED  
 Blank casing diameter 16 in. to 642 ft., Dia in. to 0 ft., Dia in. to 0 ft.  
 Casing height above land surface 12 in., weight 42 lbs/ft. Wall thickness or gauge No. .250  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL  
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 270 ft. to 320 ft., From 402 ft. to 452 ft.  
 From 339 ft. to 399 ft., From 465 ft. to 515 ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 250 ft., From 0 ft. to 0 ft.  
 From 250 ft. to 642 ft., From 0 ft. to 0 ft.

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	17	04 SANDY CLAY 05 SAND			
17	38	07 FINE SAND 04 SANDY CLAY			
38	55	01 CLAY			
55	62	07 FINE SAND 08 MEDIUM SAND			
62	69	04 SANDY CLAY 20 LIMESTONE 07 FINE SAND			
69	81	07 FINE SAND			
81	95	01 CLAY 20 LIMESTONE			
95	133	04 SANDY CLAY 07 FINE SAND 20 LIMESTONE			
133	146	01 CLAY 20 LIMESTONE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 06/13/97 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) 06/23/97 under the business name of HENKLE DRILLING & SUPPLY by (signature)

