

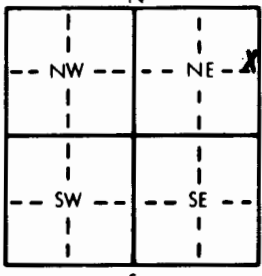
K-13

1 LOCATION OF WATER WELL: County: CHEROKEE	Fraction SE 1/4 NE 1/4 NE 1/4	Section Number 13	Township Number T 35 S	Range Number R 23 EW
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Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: **Bingham Sand & Gravel Inc.**
 RR#, St. Address, Box #: **Banker Springs, Ks.**
 City, State, ZIP Code: **Banker Springs, Ks.**
 Board of Agriculture, Division of Water Resources
 Application Number: **N/A**

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



4 DEPTH OF COMPLETED WELL: **850** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter _____ in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation **4 Industrial** 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No _____

5 TYPE OF BLANK CASING USED:
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter **4 1/2** in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **3 ft. Below** in, weight _____ lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: **1 Neat cement** 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage **MINE AREA**

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **1-8-85** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **459** This Water Well Record was completed on (mo/day/yr) **8-26-85** under the business name of **HILYARD DRILLING CO** by (signature) **Ronnie Dilmar**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		SEE ATTACHED HALLIDAY TOR WORK SHEET			

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

1/4
1/4
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1/4

HALLIBURTON SERVICES
JOB LOG

WELL NO. K-13 LEASE N. P. L. M. M. M. TICKET NO. 911050
 CUSTOMER H. Ward Drilling PAGE NO. 1
 JOB TYPE PTA DATE 1-8-85

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Set up of S. S. by M. T. W.
								Dump 2000 8-12 sand
1	8:30	2	10	1		150		run pump H ₂ O to check Th
2	9:00	3	16.72	1		150		mix pump 80% sand
3	11:30	3	20.1	1		150		Displace w/ E. 1 H ₂ O
4	7:12	3	10.95	1		150		mix pump 50% sand
5	1:40	3	12	1		150		Displace w/ E. 1 H ₂ O
6	9:55	3	20	1		150		pull Th up to 1500' depth - H ₂ O 1500' H ₂ O 1500' + set 1 H ₂ O
7	1:50	3	16.15	1		150		mix pump 30% sand

[Handwritten signatures and notes]

CUSTOMER