

1 LOCATION OF WATER WELL:	Fraction <u>N2 NE</u>	Section Number <u>1</u>	Township Number <u>T 27 S</u>	Range Number <u>R 25 (E)</u>
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County: Bourbon

Distance and direction from nearest town or city street address of well if located within city?

SOUTH of CARLAND, KS.

2 WATER WELL OWNER:	<u>BILLS COAL - PLUGGING INFO. well #1</u>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #:		
City, State, ZIP Code:	<u>96 MINED LAND CONSERVATION &amp; RECLAMATION BOARD</u>	Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>1010</u> ft. ELEVATION:
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Depth(s) Groundwater Encountered 1. 350 ft. 2. 750 ft. 3. \_\_\_\_\_ ft.

WELL'S STATIC WATER LEVEL 126 ft. below land surface measured on mo/day/yr 3/4/88

Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

Est. Yield 180 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

Bore Hole Diameter 6 1/2 in. to 5.50 ft., and 8 in. to 1010 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
2 Irrigation	<u>4 Industrial</u>	9 Dewatering
	7 Lawn and garden only	10 Observation well

Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No X; If yes, mo/day/yr sample was submitted \_\_\_\_\_

Water Well Disinfected? Yes X No \_\_\_\_\_

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
<u>1 Steel</u>	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<u>2 PVC</u>	4 ABS	<u>7 Fiberglass</u>	11 Injection well
Blank casing diameter <u>6 1/2</u> in. to <u>550</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.			12 Other (Specify below) <u>WATER FOR WASH TRAP</u>
Casing height above land surface <u>6</u> in., weight <u>N/A</u> lbs./ft. Wall thickness or gauge No. _____			
TYPE OF SCREEN OR PERFORATION MATERIAL:	<u>N/A</u>	7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	8 RMP (SR)	11 Other (specify)
2 Brass	4 Galvanized steel	9 ABS	12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:	<u>N/A</u>	5 Gauzed wrapped	8 Saw cut
1 Continuous slot	3 Mill slot	6 Wire wrapped	11 None (open hole)
2 Louvered shutter	4 Key punched	7 Torch cut	9 Drilled holes
SCREEN-PERFORATED INTERVALS:	From <u>N/A</u> ft. to _____ ft., From _____ ft. to _____ ft.		10 Other (specify)
GRAVEL PACK INTERVALS:	From <u>N/A</u> ft. to _____ ft., From _____ ft. to _____ ft.		

6 GROUT MATERIAL:	<u>1 Neat cement</u>	2 Cement grout	3 Bentonite	4 Other _____
Grout Intervals: From <u>1010</u> ft. to <u>750</u> ft., From <u>750</u> ft. to <u>300</u> ft., From <u>300</u> ft. to <u>4</u> 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	<u>6 Seepage pit</u>	9 Feedyard	12 Fertilizer storage	<u>16 Other (specify below)</u>
Direction from well? <u>N, S, E, West</u>			13 Insecticide storage	<u>COAL ACID / ALL AROUND</u>
			How many feet? <u>10</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		<u>SANMA RAY, NATURAL Log</u>	<u>1010</u>	<u>750</u>	<u>- 50 sacks Cement</u>
		<u>Cement Bond Log</u>	<u>750</u>	<u>300</u>	<u>- 90 sacks Cement</u>
		<u>ATTACHED</u>	<u>300</u>	<u>4</u>	<u>- 20 sacks Cement</u>
		<u>Well #1</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or <u>(3)</u> plugged under my jurisdiction and was completed on (mo/day/year) <u>3/10/88</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>487</u> This Water Well Record was completed on (mo/day/yr) <u>3/20/88</u> under the business name of <u>ALW ENTERPRISES Inc.</u> by (signature) <u>J. Thomas Y. Hester</u>
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INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underlining or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

SENT COPIES KNOCH